

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007632.D
 Acq On : 13 Sep 2019 18:13
 Operator : HP/JU
 Sample : K4858-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20190909MSD

Manual Integrations
 APPROVED

Jagrut
 9/17/2019 9:32:42 AM

Quant Time: Sep 14 04:12:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 12 14:27:51 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9085	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	35110	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19222	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	39599	0.40	ng	0.00
27) Chrysene-d12	21.27	240	39735	0.40	ng	-0.01
34) Perylene-d12	23.50	264	39282	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.34	112	4274	0.15	ng	0.00
5) Phenol-d6	6.89	99	3553	0.11	ng	0.00
8) Nitrobenzene-d5	8.86	82	9544	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	22433m	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2178	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	30994	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	49023	0.39	ng	0.00
29) Terphenyl-d14	19.72	244	41717	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	58924	5.413	ng	91
3) n-Nitrosodimethylamine	3.03	42	159815	32.353	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	11426	0.428	ng	99
9) Naphthalene	10.53	128	40592	0.404	ng	100
10) Hexachlorobutadiene	10.84	225	6554	0.323	ng	# 100
12) 2-Methylnaphthalene	12.15	142	26049	0.385	ng	99
16) Acenaphthylene	14.06	152	33790	0.338	ng	100
17) Acenaphthene	14.40	154	22779	0.349	ng	99
18) Fluorene	15.38	166	29216	0.355	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	9273	0.379	ng	# 85
21) Hexachlorobenzene	16.39	284	9263	0.354	ng	98
22) Pentachlorophenol	16.73	266	4084	0.601	ng	97
23) Phenanthrene	17.12	178	49843	0.399	ng	100
24) Anthracene	17.21	178	42164	0.381	ng	100
26) Fluoranthene	19.14	202	56374	0.386	ng	99
28) Pyrene	19.51	202	57213	0.396	ng	99
30) Benzo(a)anthracene	21.26	228	52334	0.371	ng	99
31) Chrysene	21.31	228	57203	0.390	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	19386	0.406	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	56269	0.359	ng	100
35) Benzo(b)fluoranthene	22.83	252	54646	0.383	ng	98
36) Benzo(k)fluoranthene	22.88	252	56599	0.388	ng	98
37) Benzo(a)pyrene	23.40	252	48760	0.385	ng	98
38) Dibenzo(a,h)anthracene	25.73	278	47146	0.356	ng	99
39) Benzo(g,h,i)perylene	26.39	276	48864	0.372	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

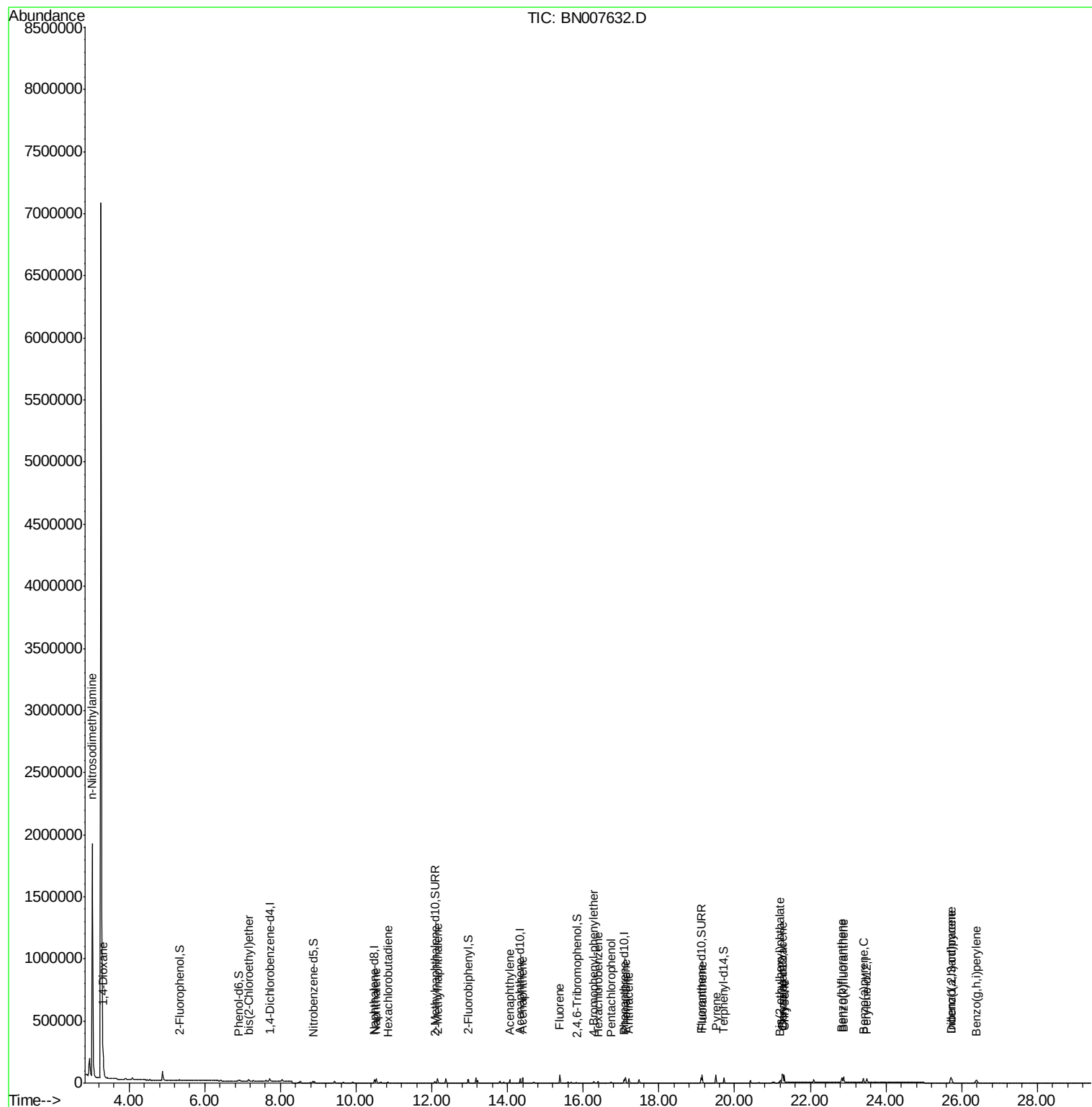
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007632.D
Acq On : 13 Sep 2019 18:13
Operator : HP/JU
Sample : K4858-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

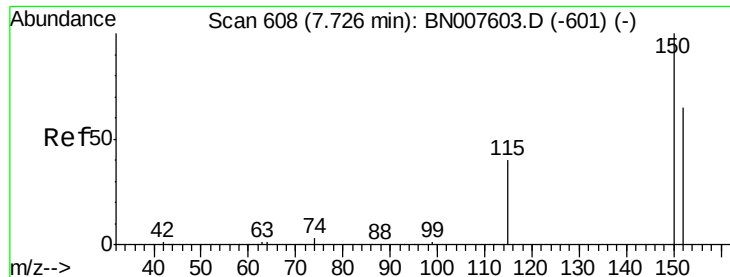
Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Manual Integrations
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Jagrut
9/17/2019 9:32:42 AM

Quant Time: Sep 14 04:12:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration





#1

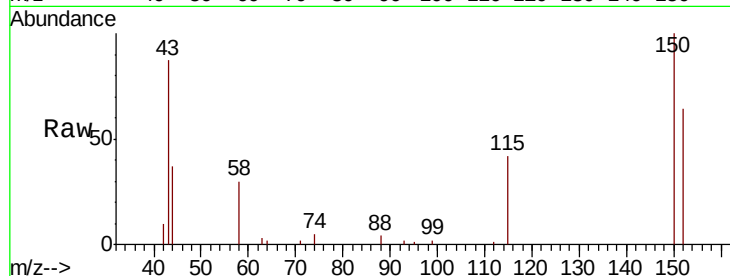
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.4	183.6
115	65.1	50.4	75.6

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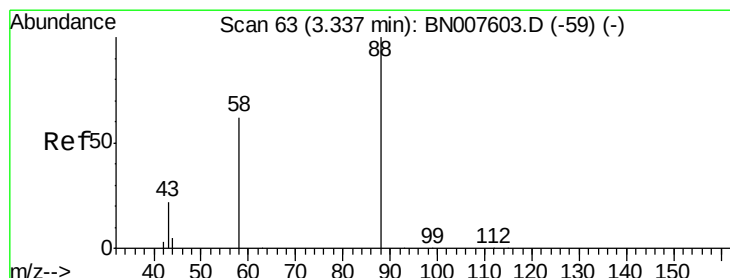
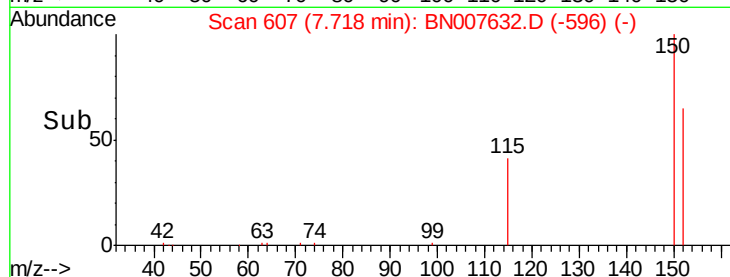
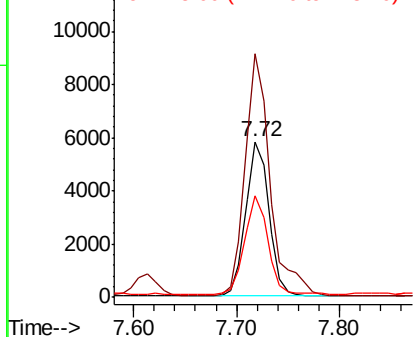


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

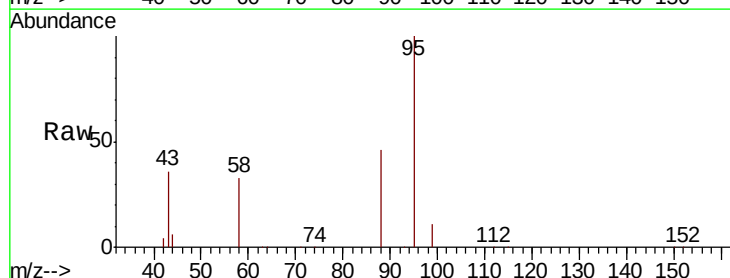
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.413 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.2	57.0	85.4
43	24.4	20.0	30.0

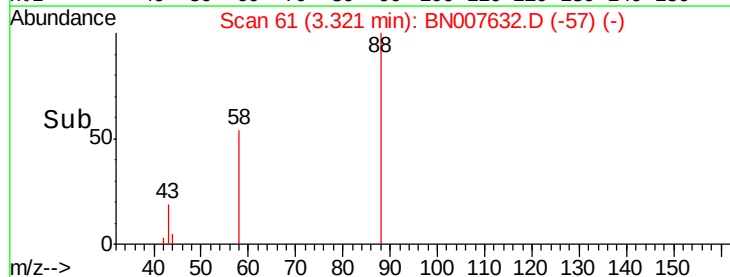
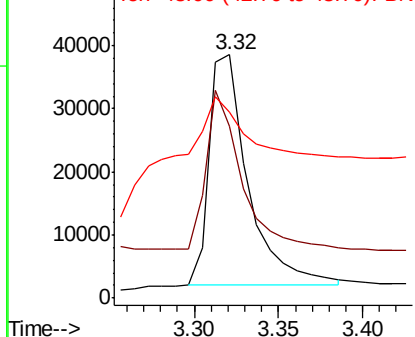


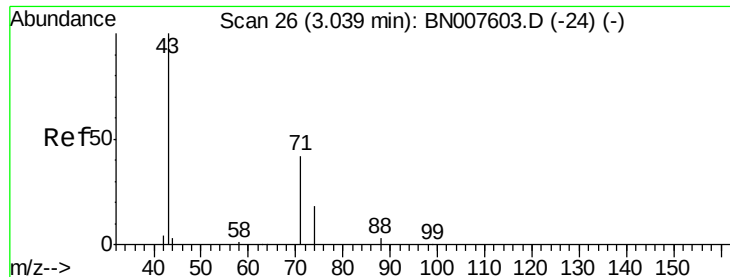
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

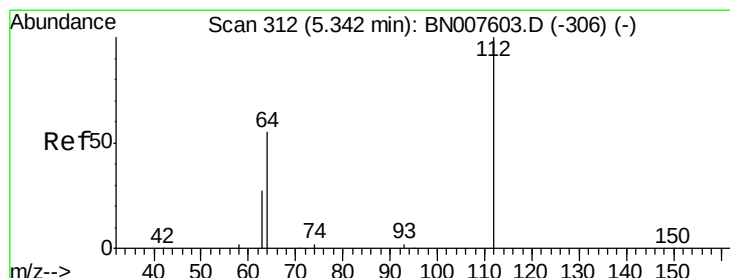
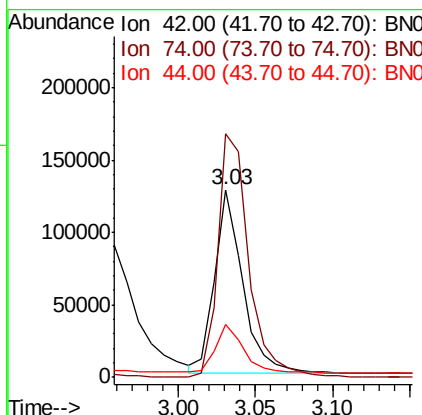
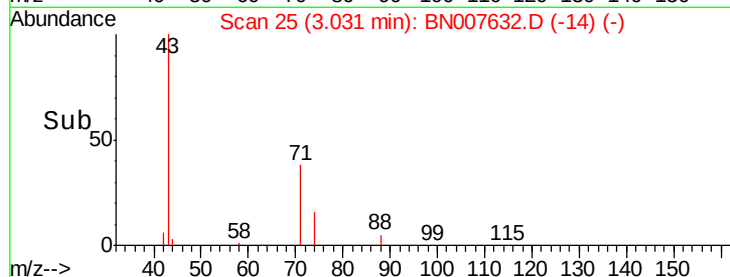
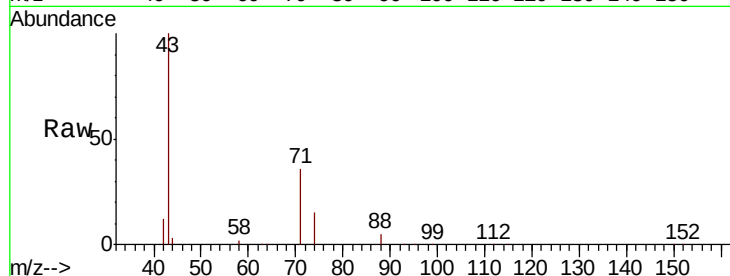
n-Nitrosodimethylamine
 Concen: 32.353 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
74	145.4	9.8	14.8#	
44	26.7	0.0	0.0#	

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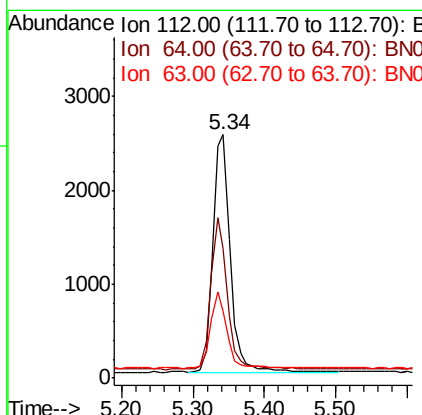
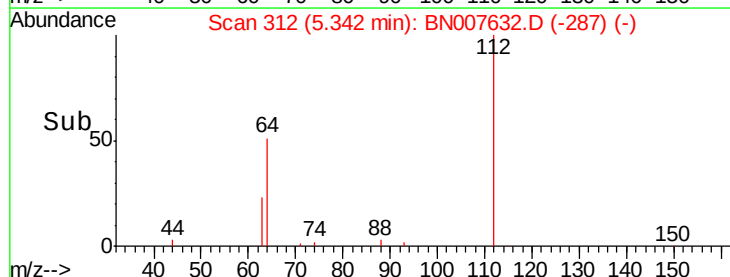
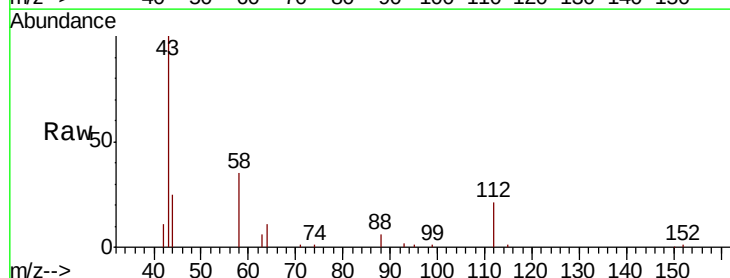
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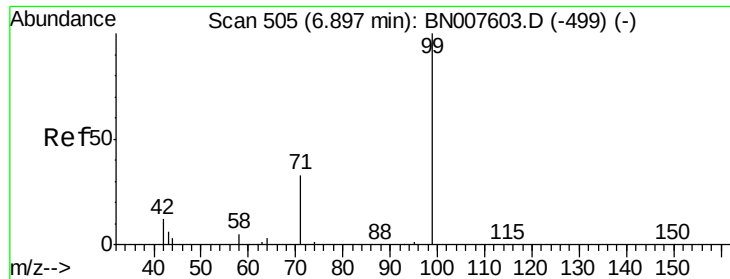


#4

2-Fluorophenol
 Concen: 0.147 ng
 RT: 5.34 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	59.6	48.5	72.7	
63	30.4	24.4	36.6	





#5

Phenol-d6

Concen: 0.106 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

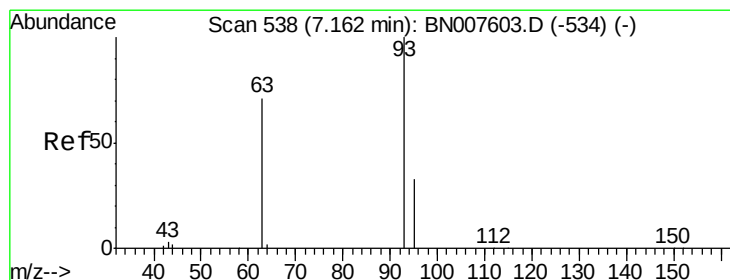
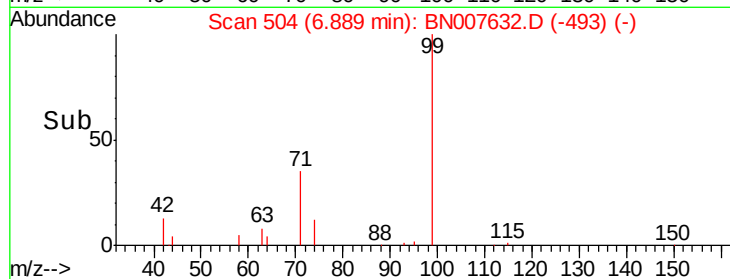
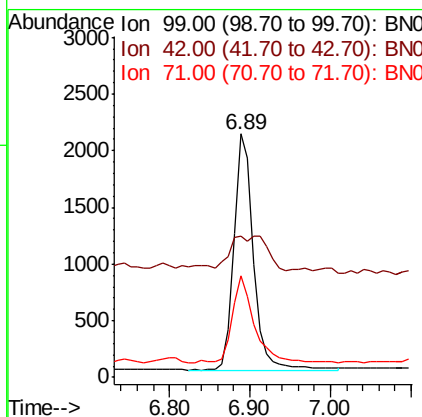
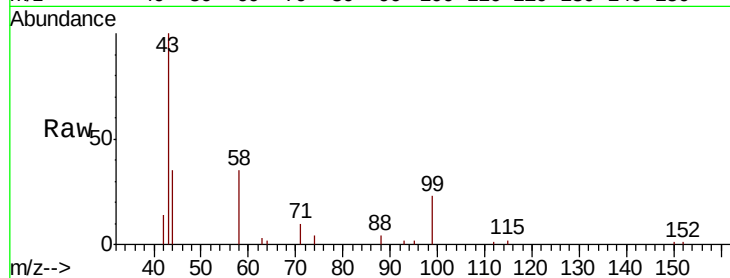
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	99	Resp:	3553
Ion	Ratio	Lower	Upper
99	100		
42	27.0	11.8	17.6#
71	41.3	28.0	42.0

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

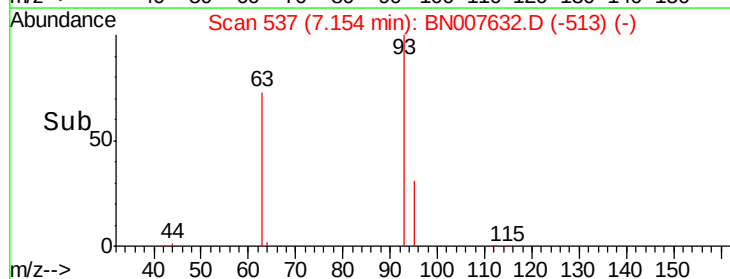
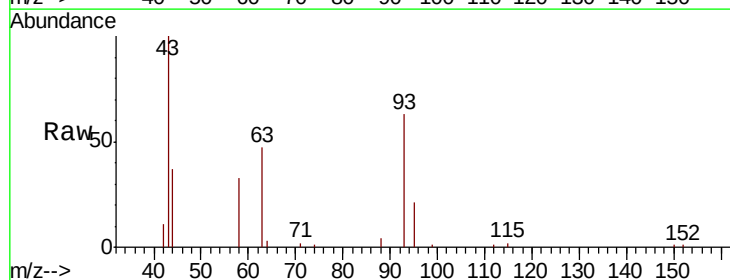
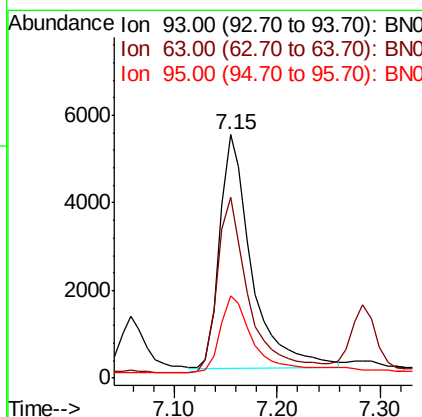
RT: 7.15 min Scan# 537

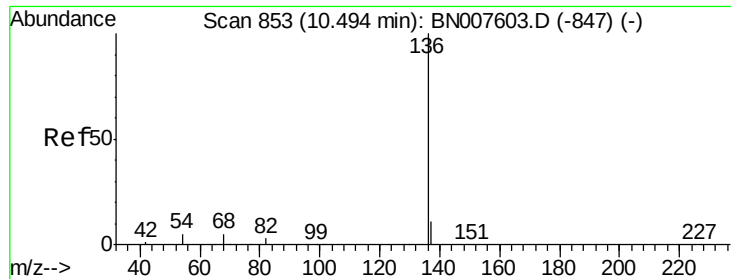
Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Tgt Ion:	93	Resp:	11426
Ion	Ratio	Lower	Upper
93	100		
63	75.7	61.2	91.8
95	34.6	27.2	40.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

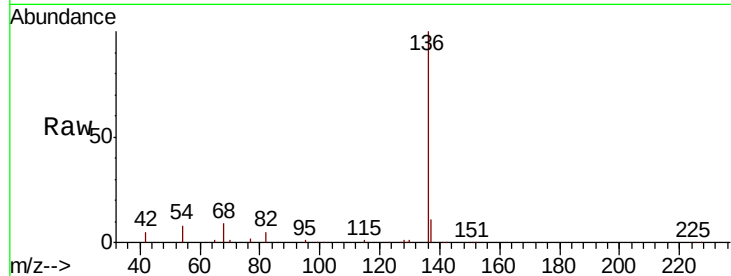
ClientSampleId :

RE122D2-20190909MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	35110		
137	11.1	8.8	13.2	
54	8.1	4.2	6.4	
68	8.7	4.6	7.0	

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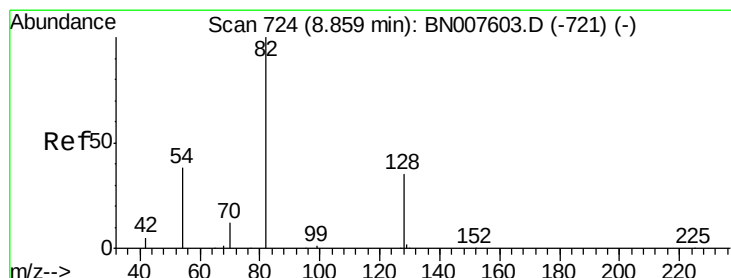
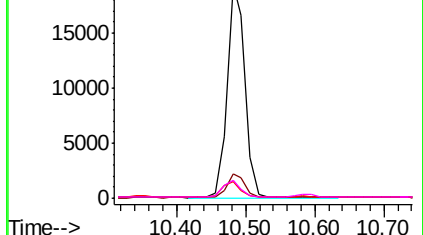
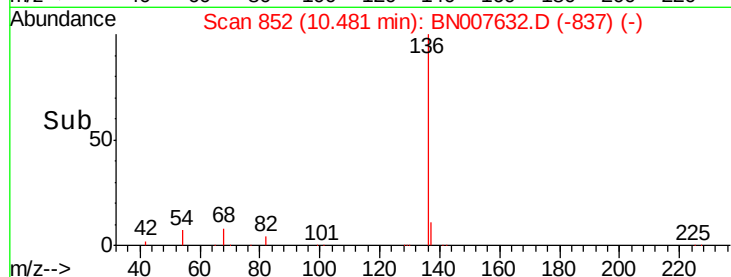


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.341 ng

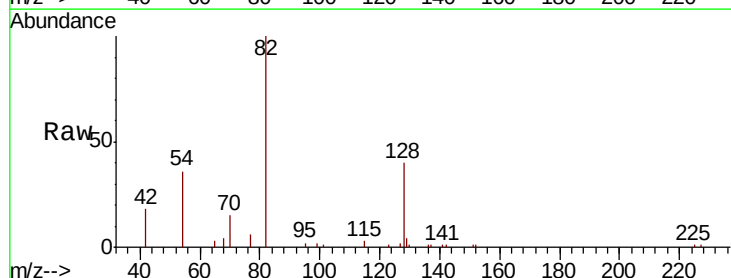
RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

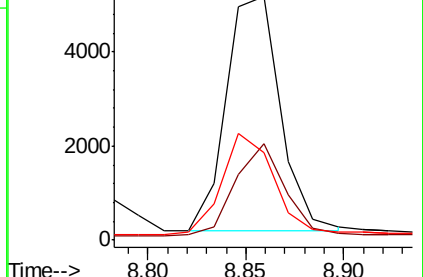
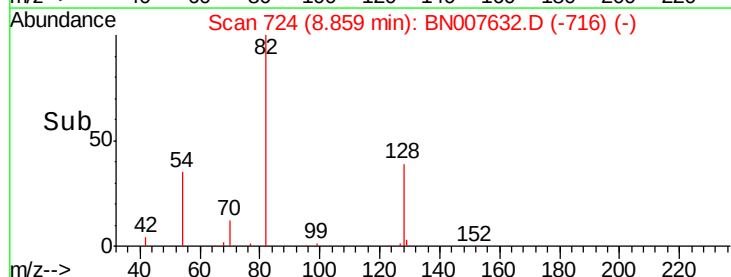
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	9544		
128	39.7	27.9	41.9	
54	35.9	30.9	46.3	

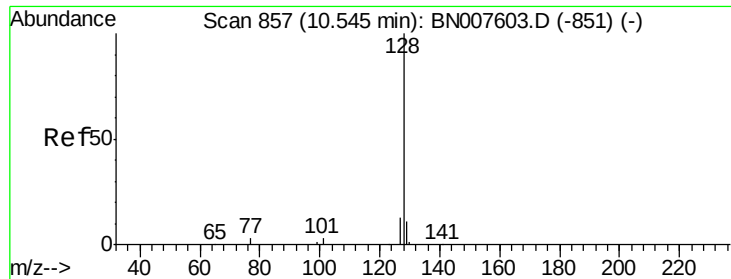


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

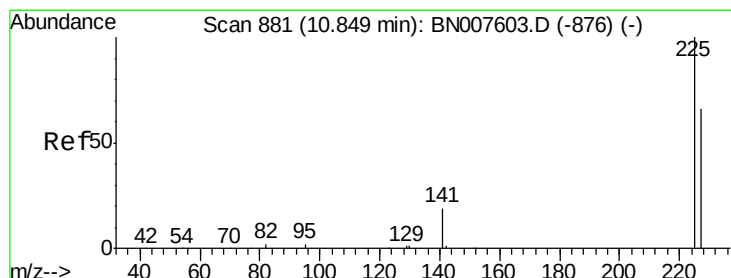
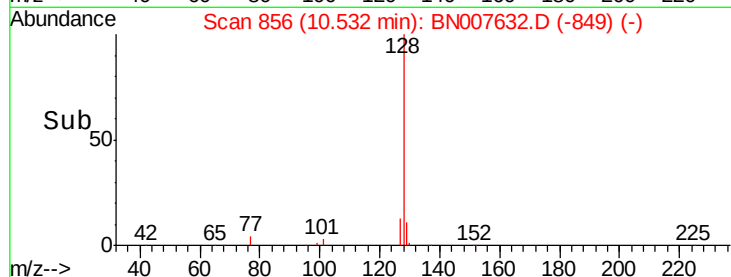
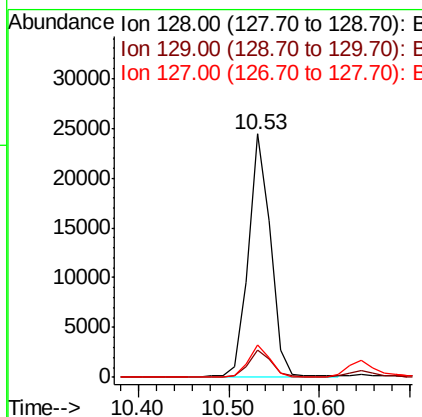
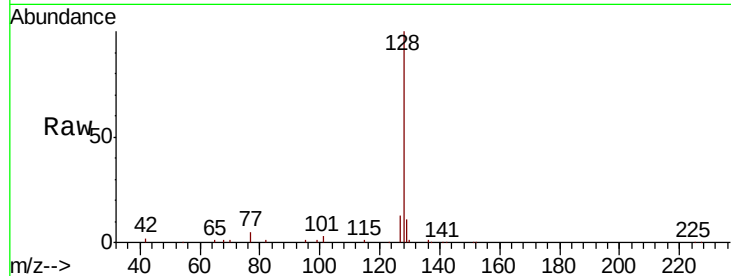
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	128	Resp:	40592
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	13.3	10.4	15.6

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#10

Hexachlorobutadiene

Concen: 0.323 ng

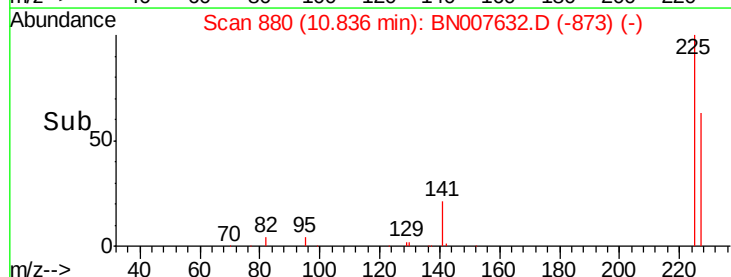
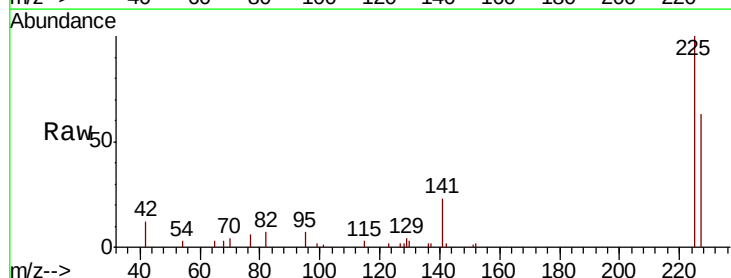
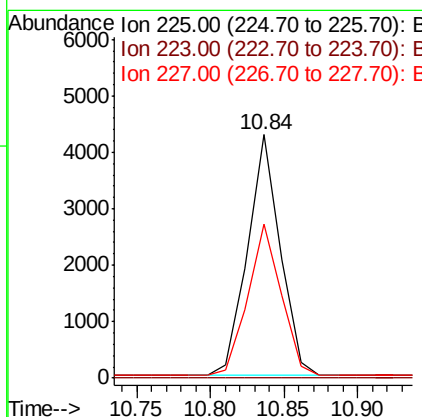
RT: 10.84 min Scan# 880

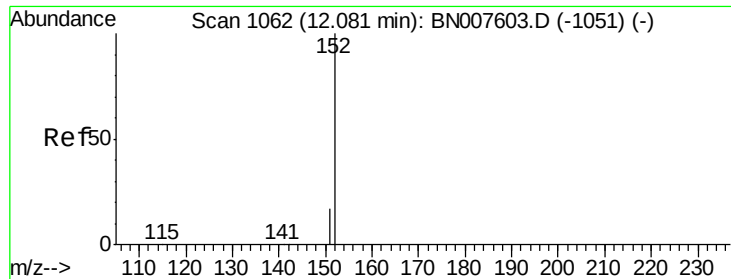
Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Tgt Ion:	225	Resp:	6554
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.9	51.3	76.9





#11

2-Methylnaphthalene-d10

Concen: 0.377 ng m

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

ClientSampleId :

RE122D2-20190909MSD

Tot Ion:152 Resp: 22433

Ion Ratio Lower Upper

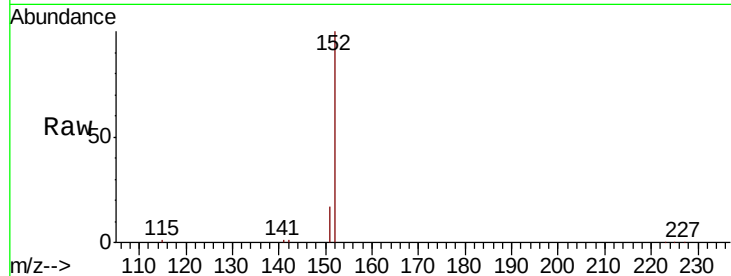
152 100

151 18.9 15.3 22.9

Manual Integrations
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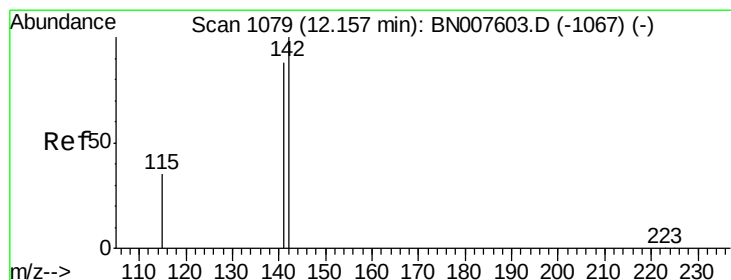
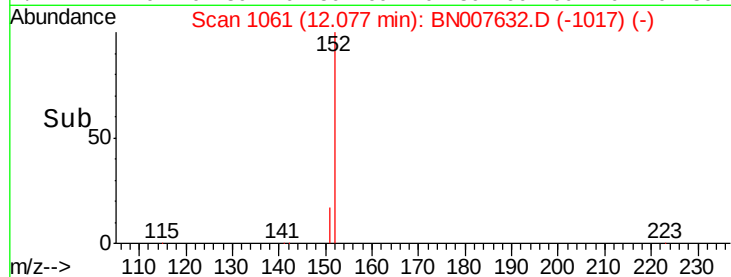
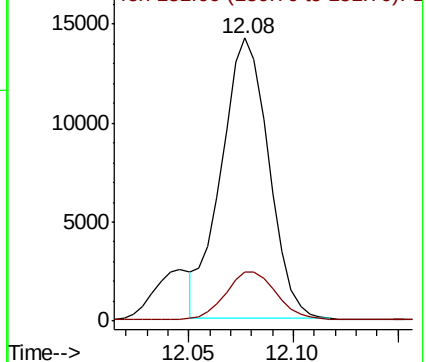
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 12.15 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

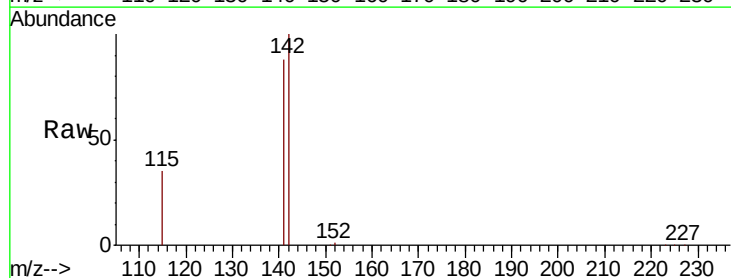
Tgt Ion:142 Resp: 26049

Ion Ratio Lower Upper

142 100

141 87.7 70.5 105.7

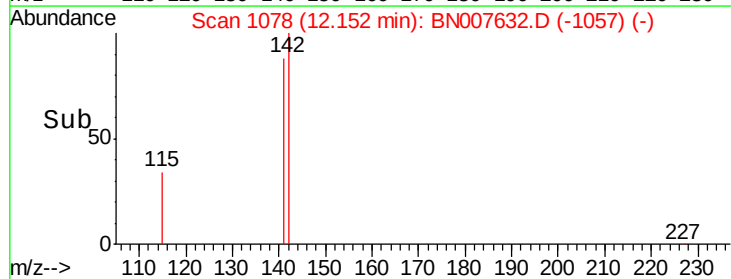
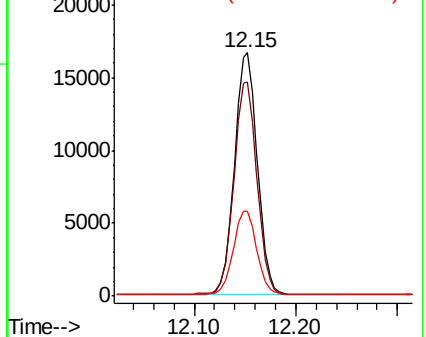
115 34.8 28.4 42.6

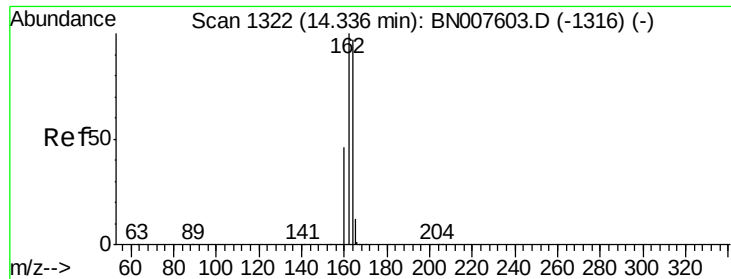


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





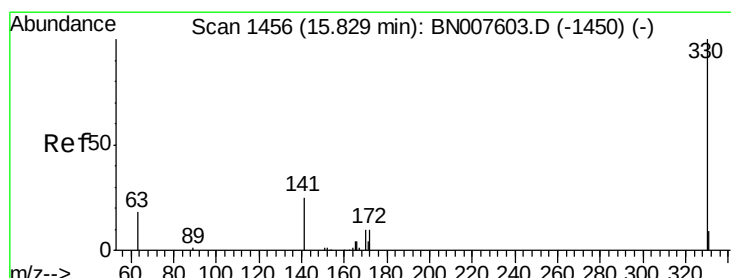
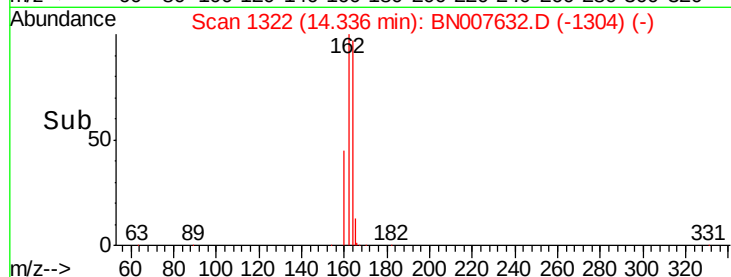
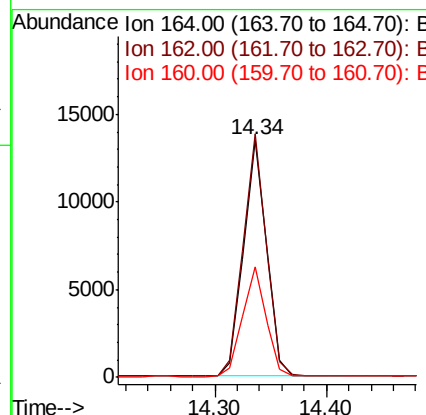
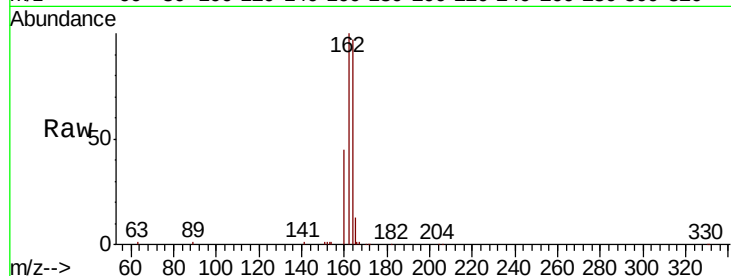
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	46.5	38.0	57.0

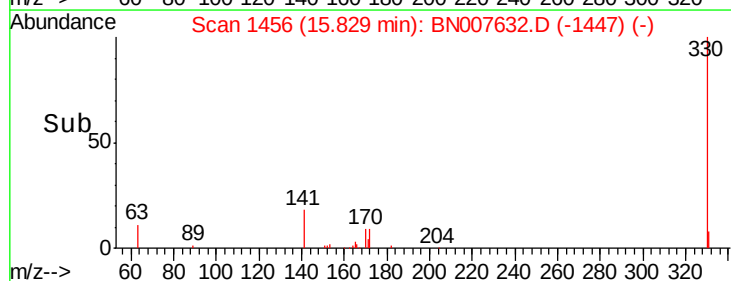
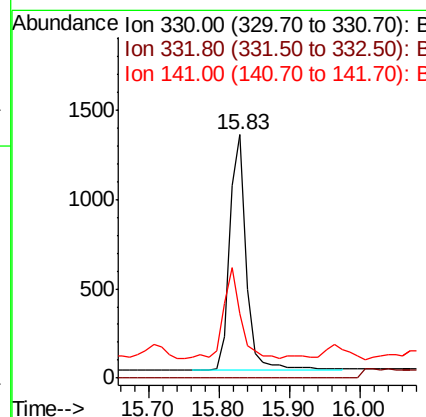
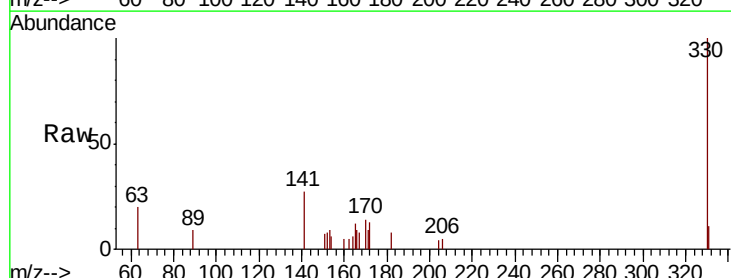
Manual Integrations
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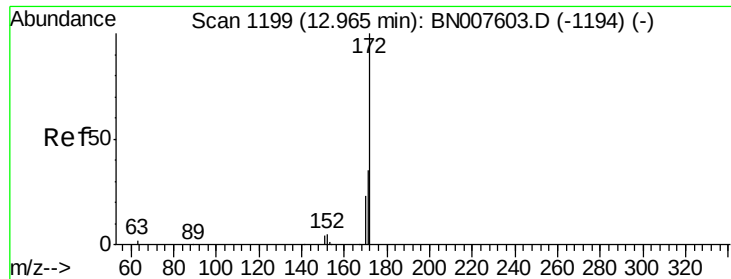
Jagrut
9/17/2019 9:32:42 AM



#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.8	30.1	45.1





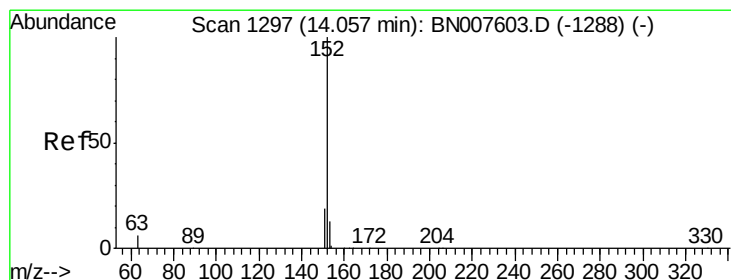
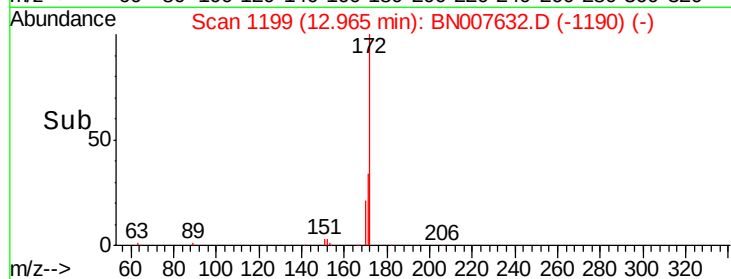
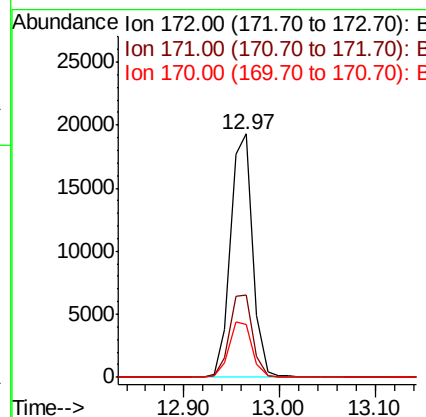
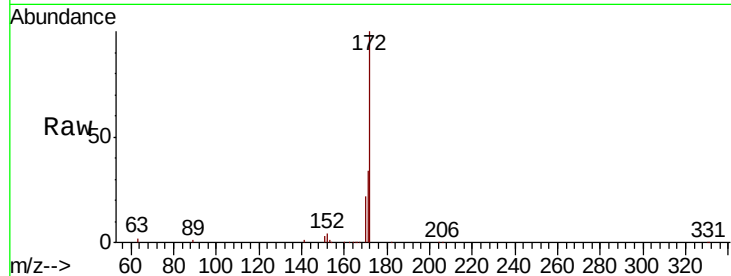
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	21.6	18.5	27.7

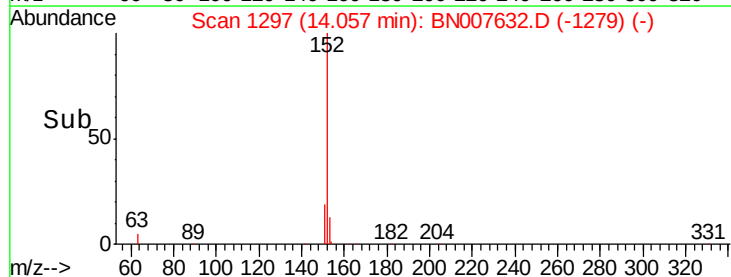
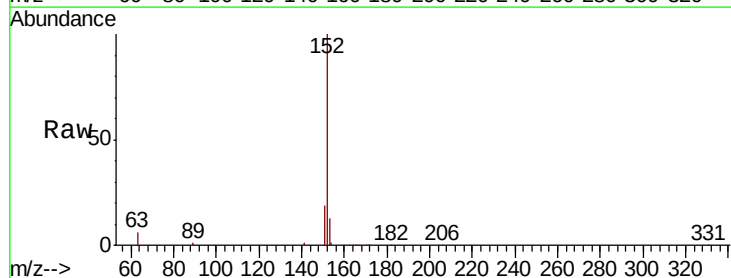
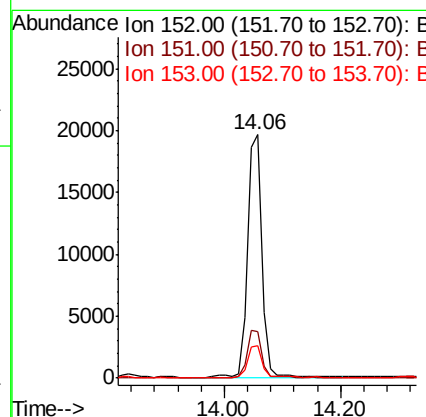
Manual Integrations
APPROVED

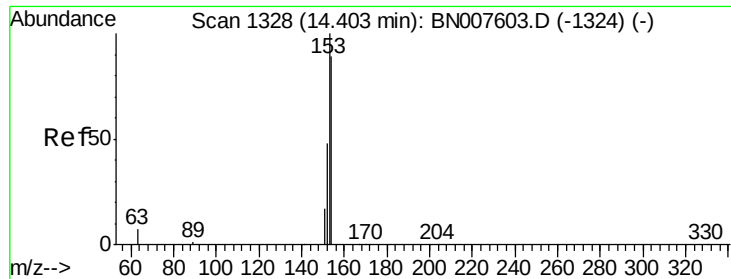
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#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.2	10.4	15.6





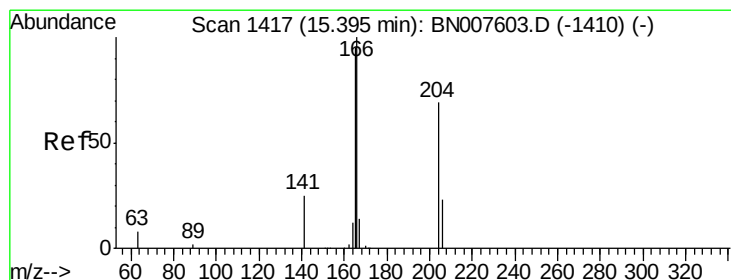
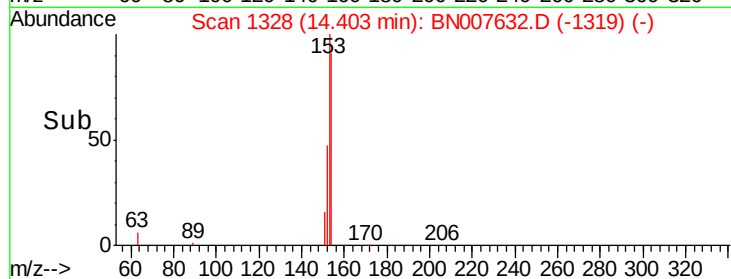
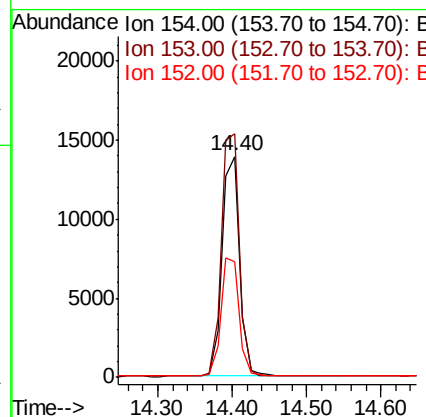
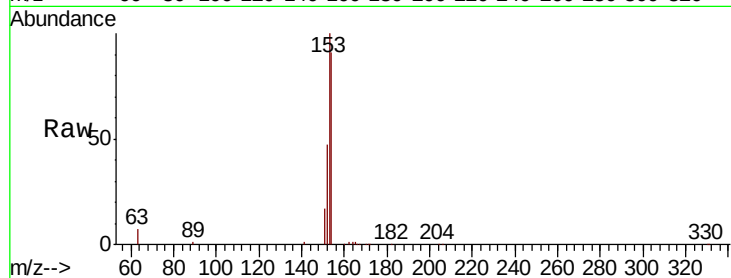
#17
Acenaphthene
Concen: 0.349 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.8	134.8
152	55.3	43.8	65.8

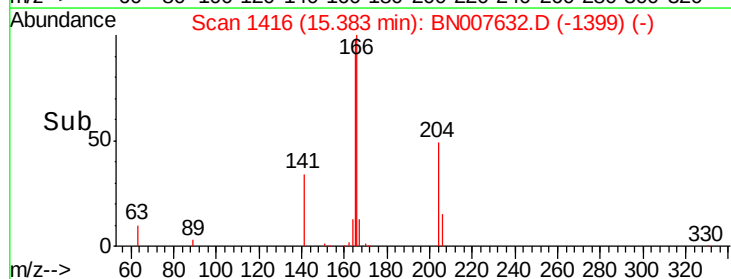
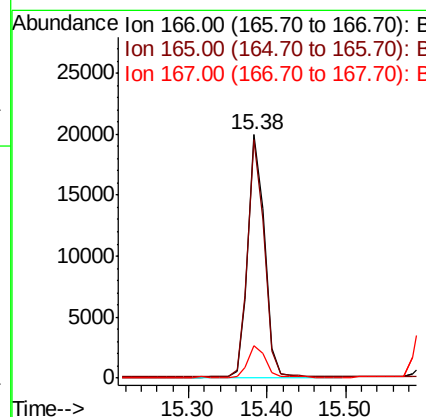
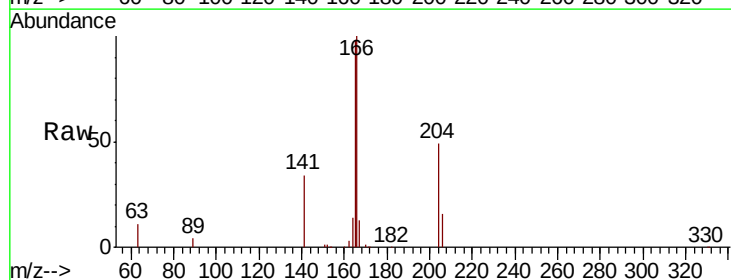
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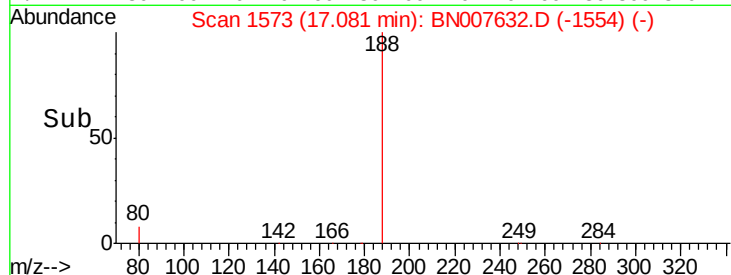
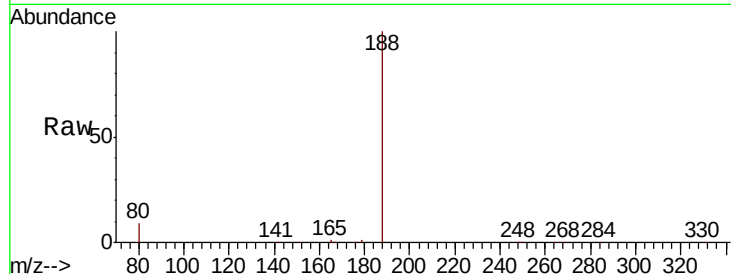
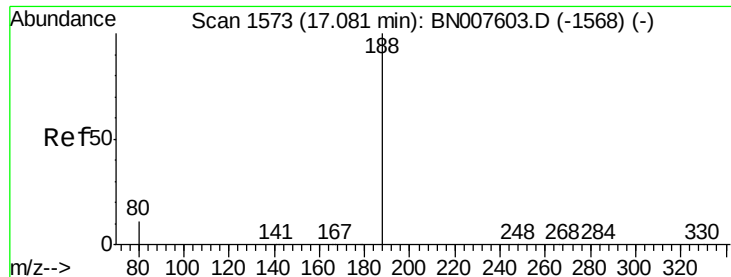
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#18
Fluorene
Concen: 0.355 ng
RT: 15.38 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	13.4	10.8	16.2





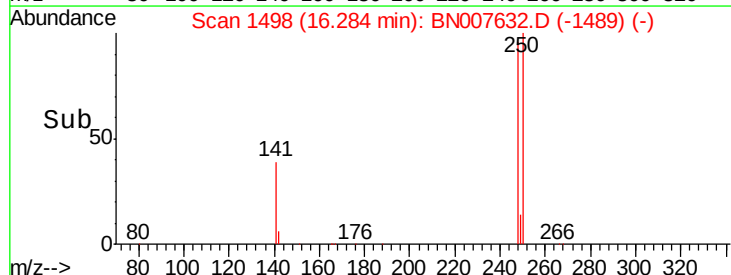
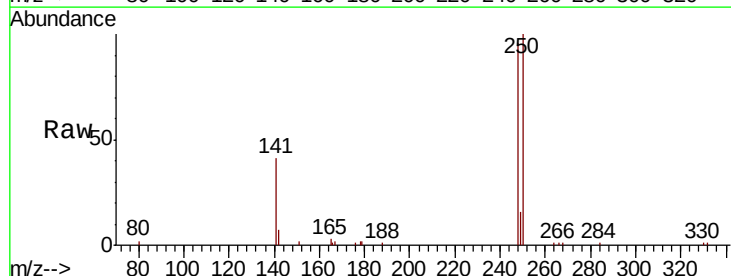
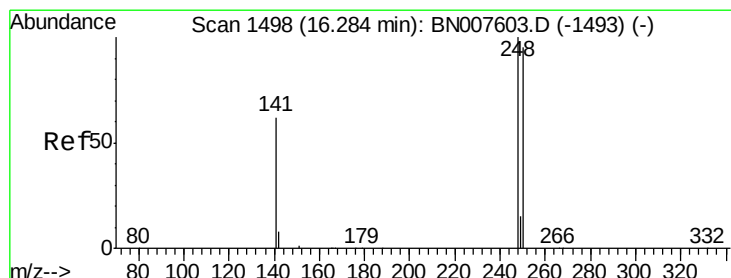
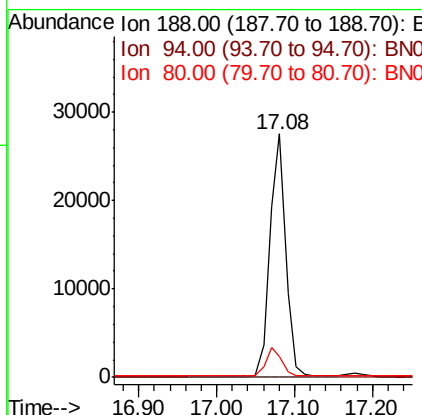
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	8.8	13.2#

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

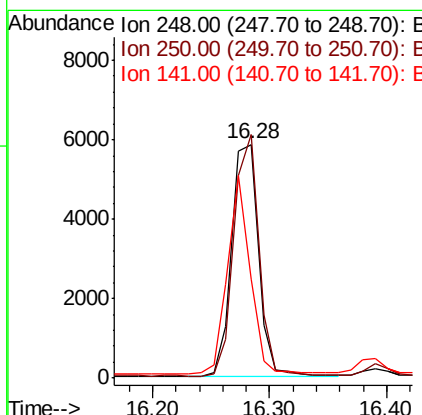
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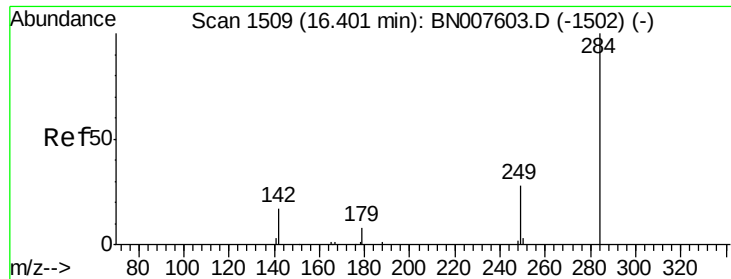
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#20
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	104.1	76.3	114.5
141	42.5	49.7	74.5#





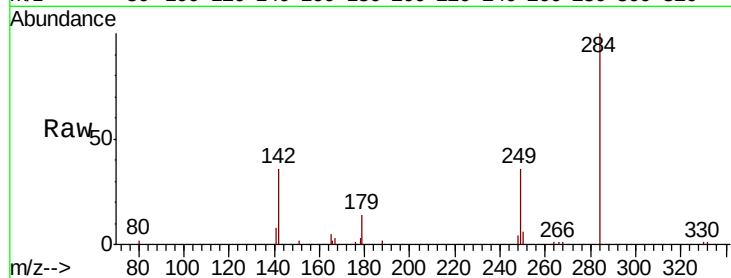
#21
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.7	27.8	41.6
249	32.8	25.5	38.3

Manual Integrations
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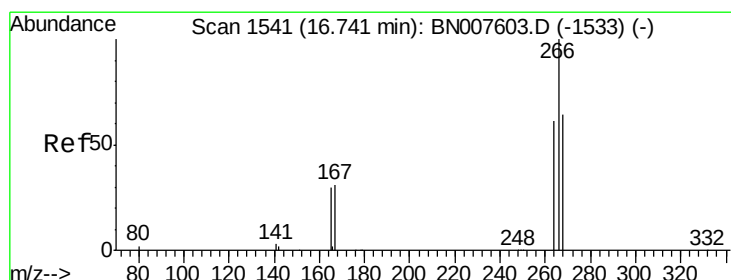
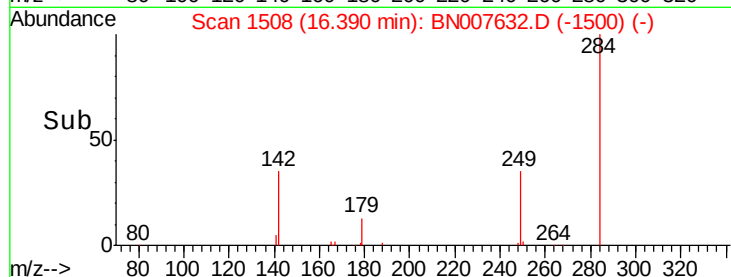
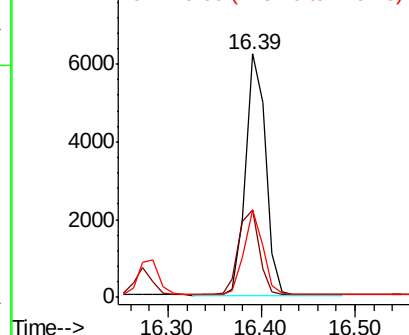


Abundance

Ion 283.80 (283.50 to 284.50): E

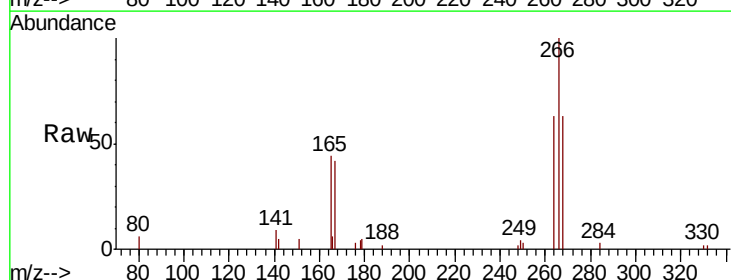
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.601 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.4	74.0
268	62.7	53.0	79.6

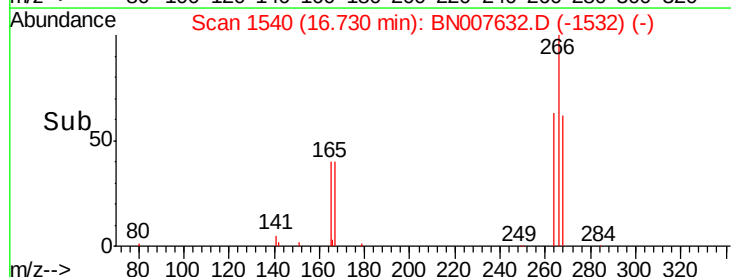
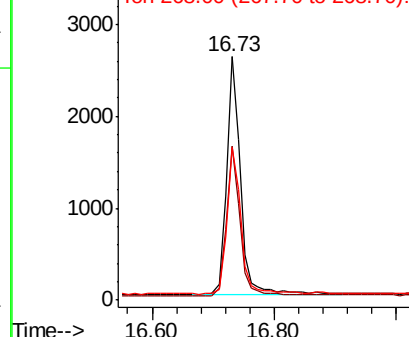


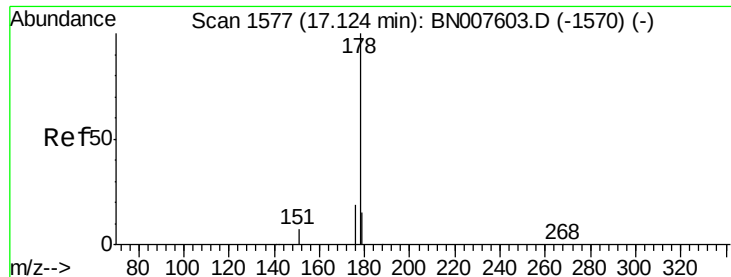
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





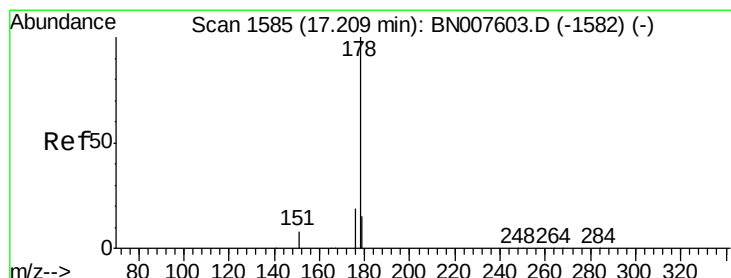
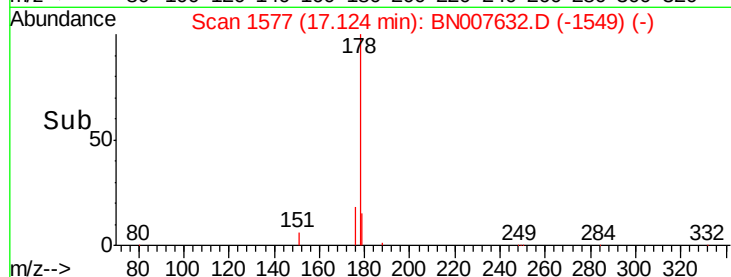
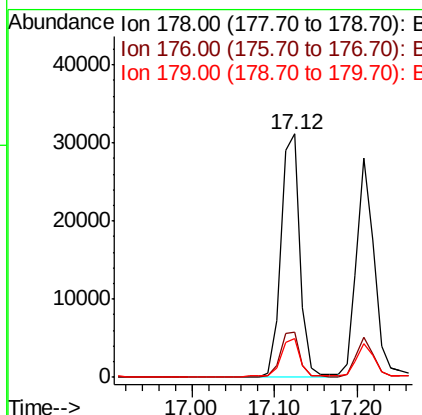
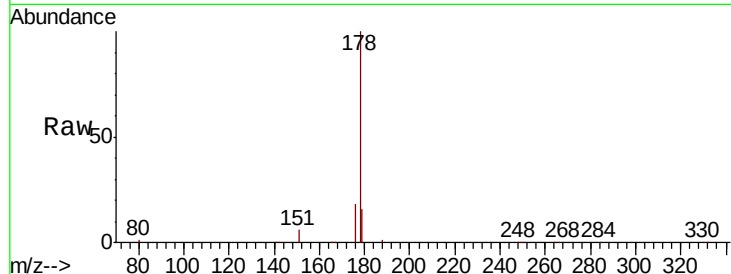
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.4	12.4	18.6

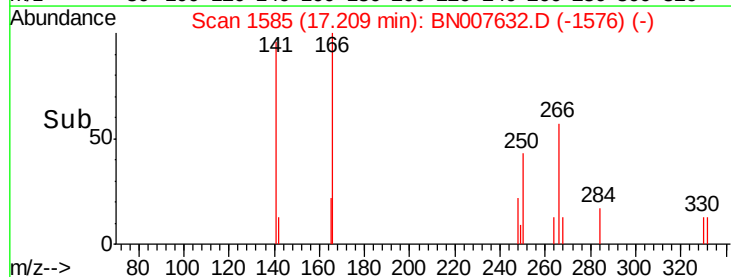
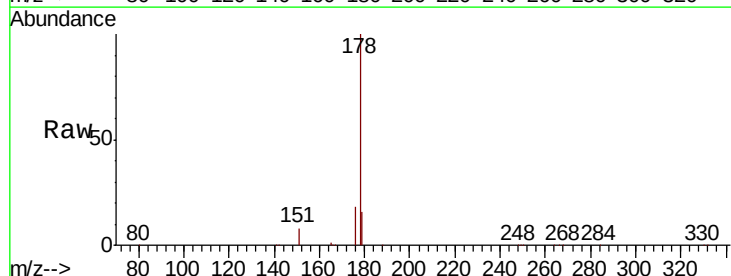
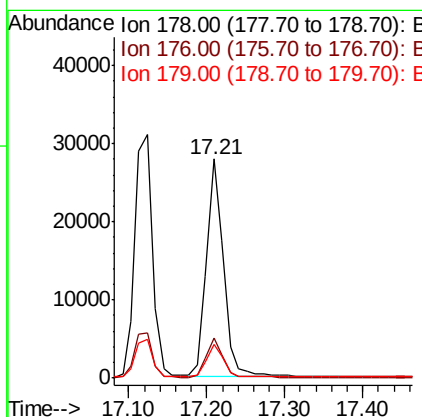
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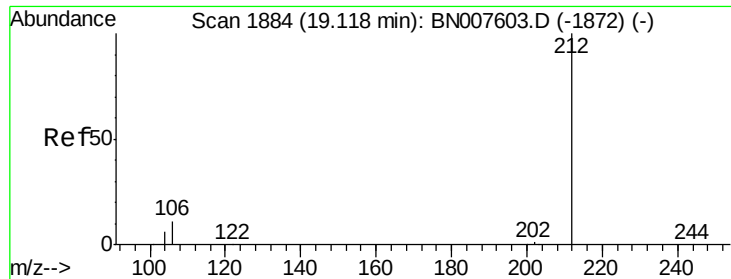
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#24
Anthracene
Concen: 0.381 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.3	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

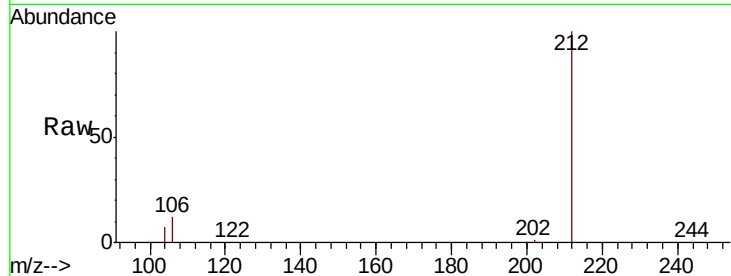
ClientSampleId :

RE122D2-20190909MSD

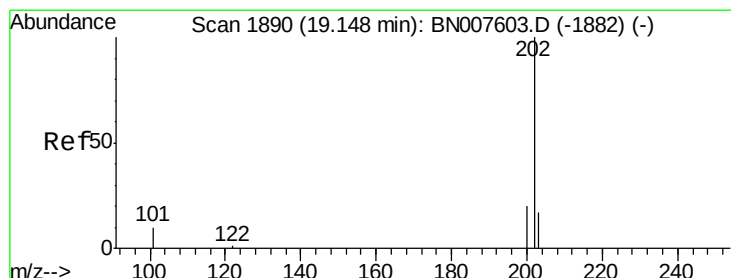
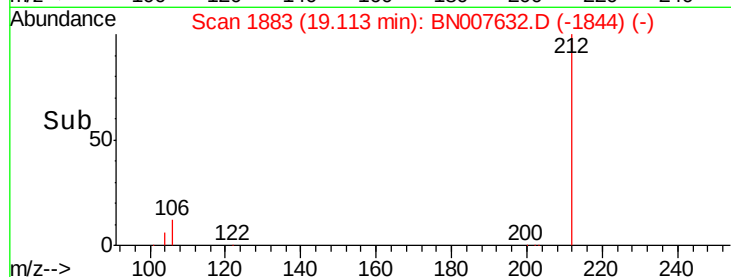
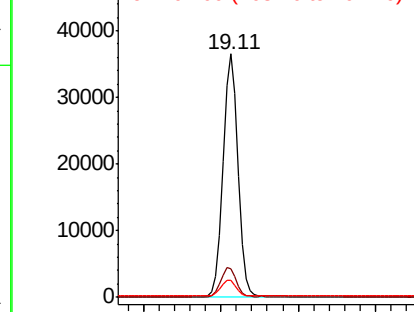
Tot Ion:	212	Resp:	49023
Ion Ratio	Lower	Upper	
212	100		
106	12.3	9.6	14.4
104	6.9	5.4	8.0

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.386 ng

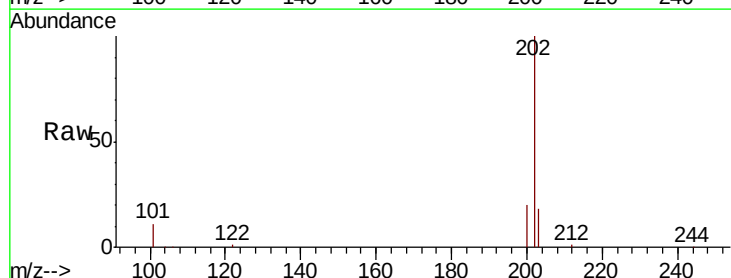
RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

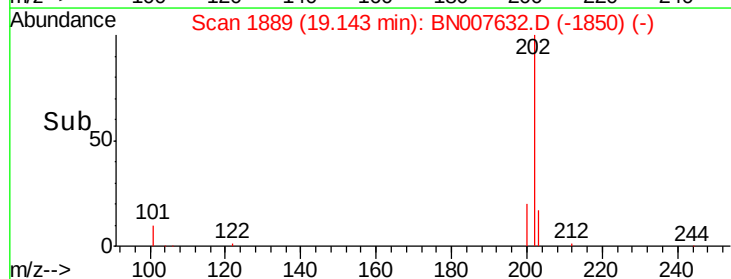
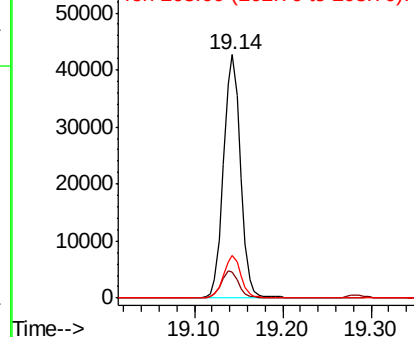
Lab File: BN007632.D

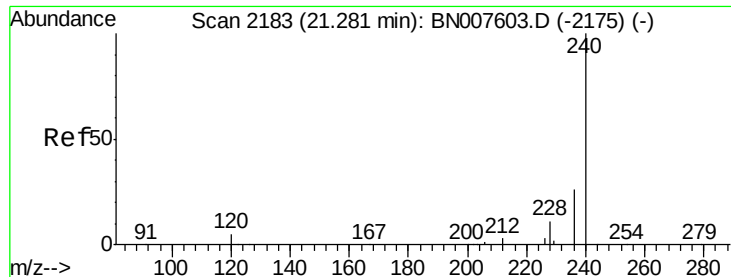
Acq: 13 Sep 2019 18:13

Tgt Ion:	202	Resp:	56374
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.6	13.0
203	17.3	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





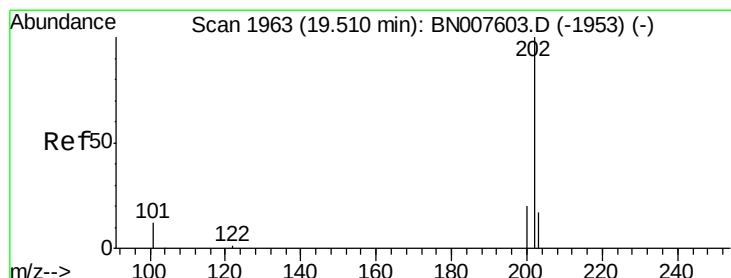
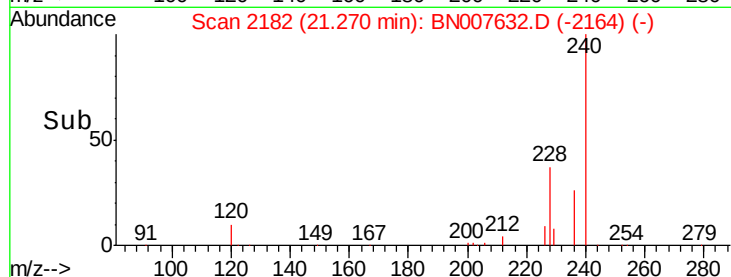
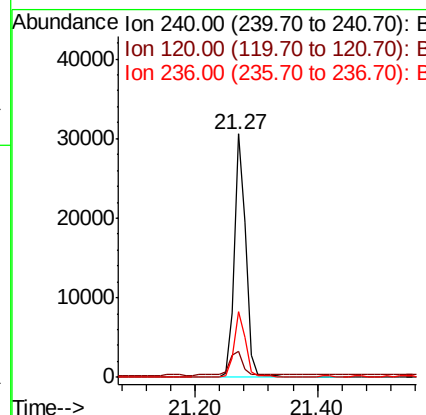
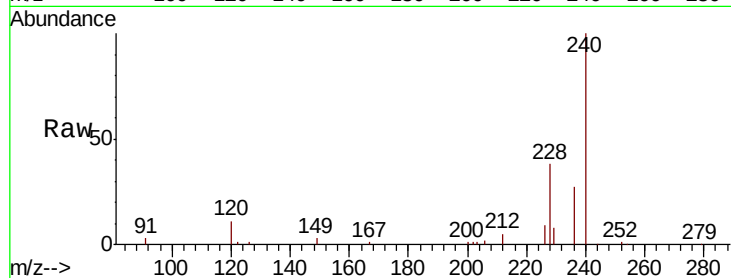
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.3	6.5#
236	26.7	20.8	31.2

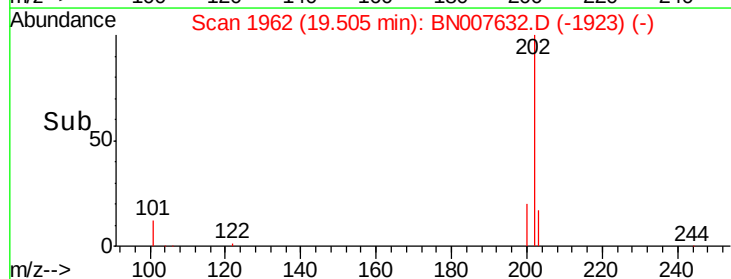
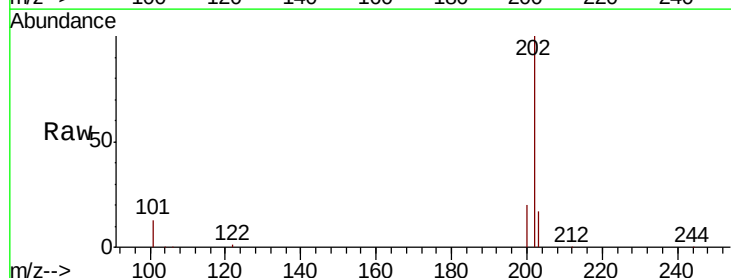
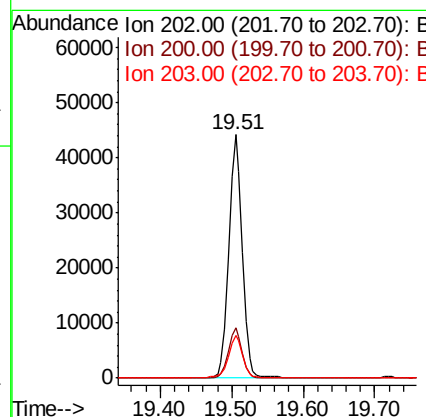
Manual Integrations
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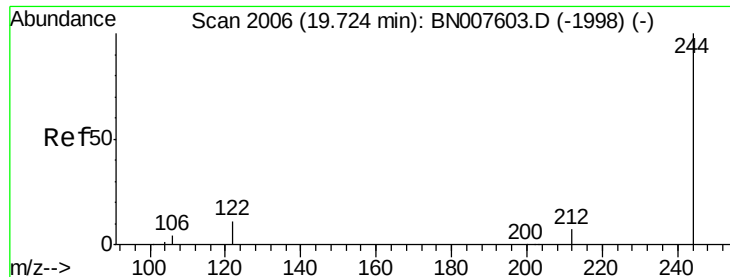
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#28
Pyrene
Concen: 0.396 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.9	14.0	21.0





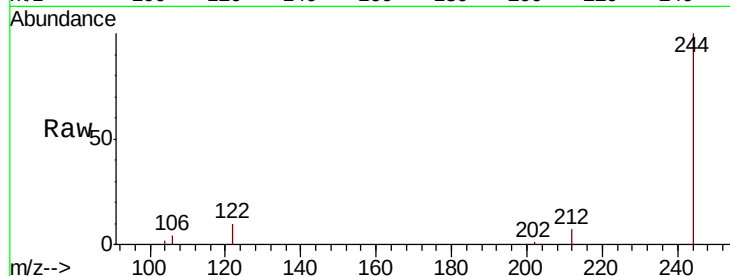
#29
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.72 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20190909MSD

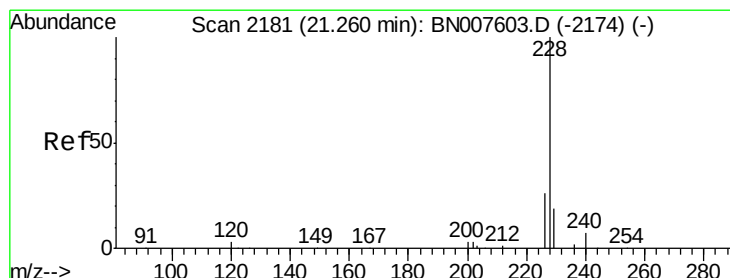
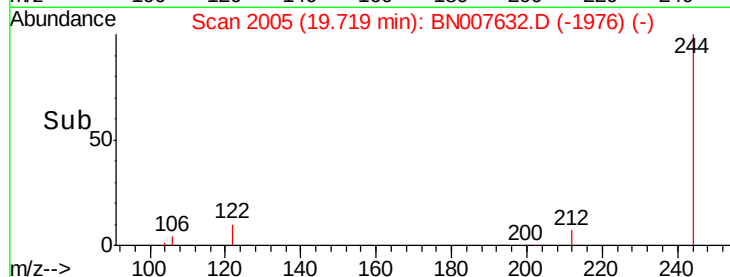
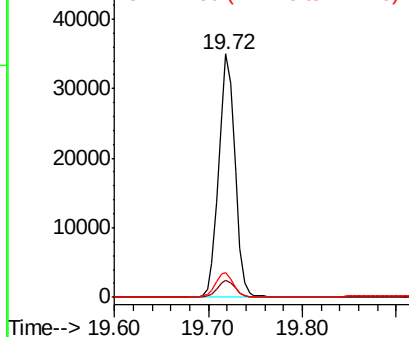
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.4	8.6	12.8

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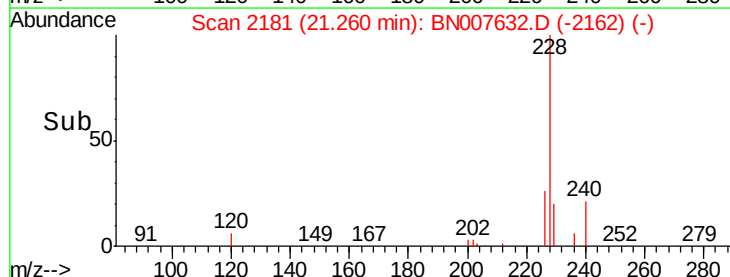
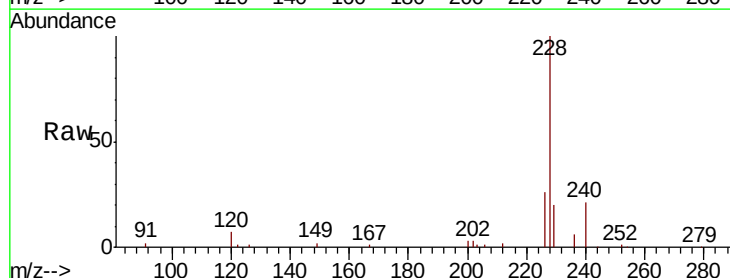
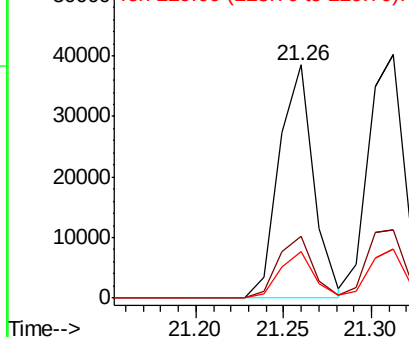
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

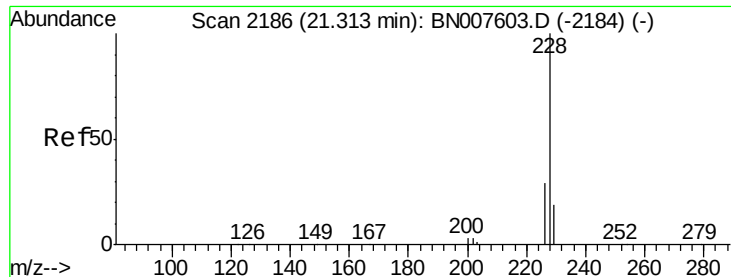


#30
 Benzo(a)anthracene
 Concen: 0.371 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.2	31.8
229	20.1	15.5	23.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





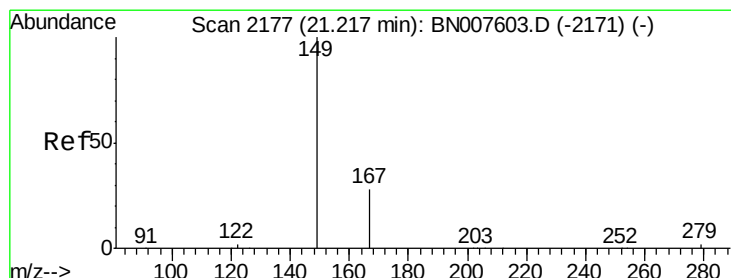
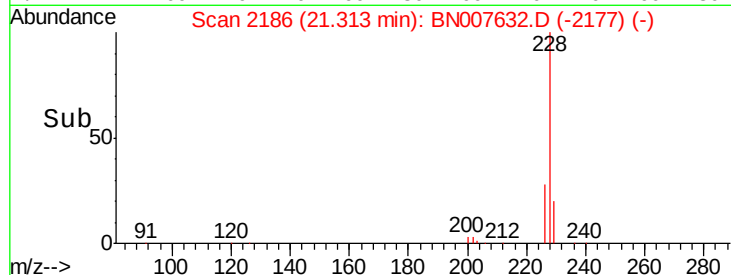
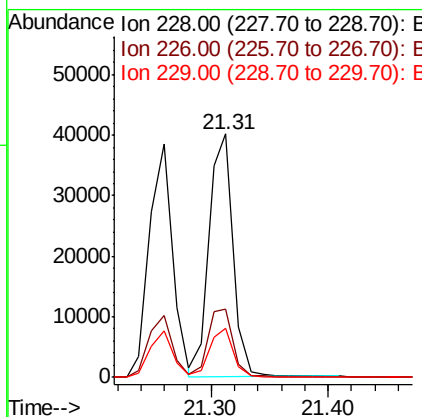
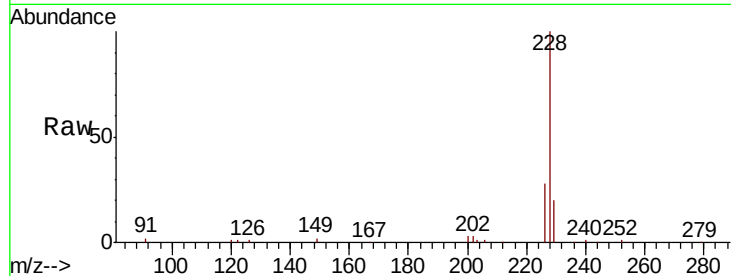
#31
Chrysene
Concen: 0.390 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.2
229	19.9	15.5	23.3

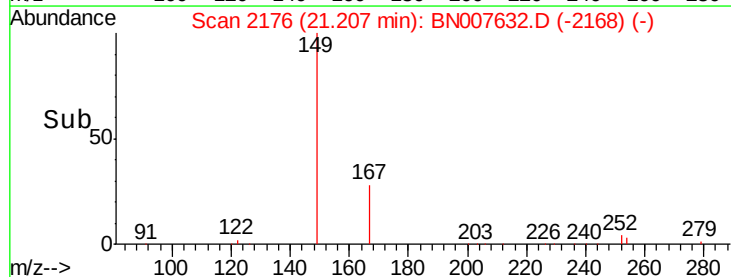
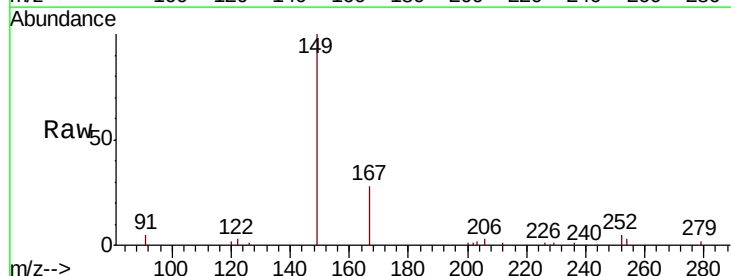
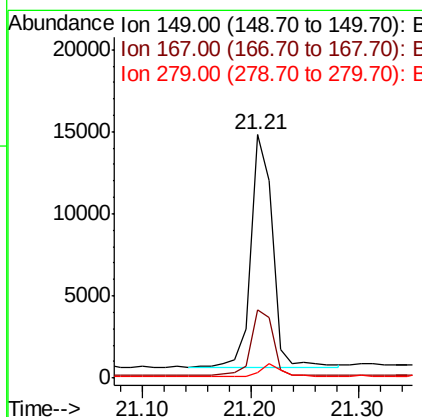
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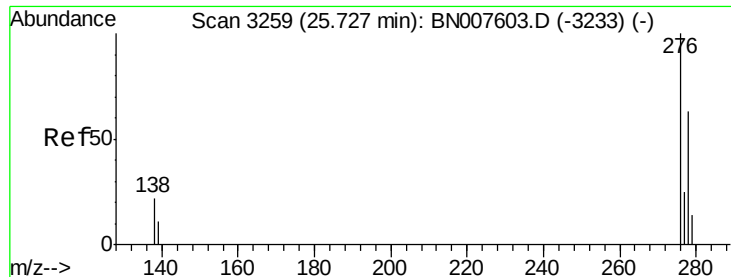
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	4.6	3.8	5.6





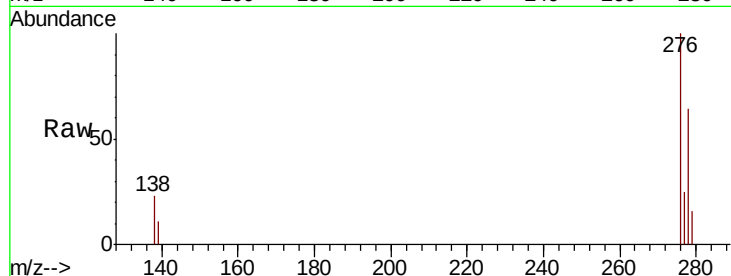
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.359 ng
 RT: 25.71 min Scan# 3255
 Delta R.T. -0.01 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.2	27.4
277	24.9	20.1	30.1

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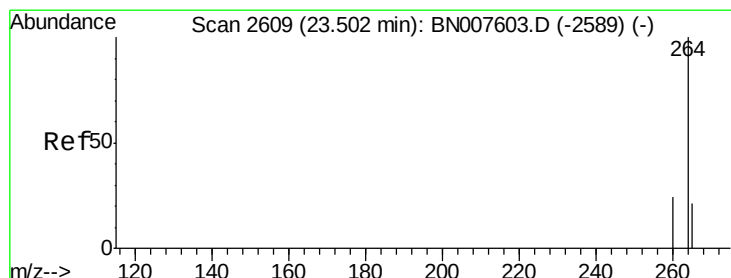
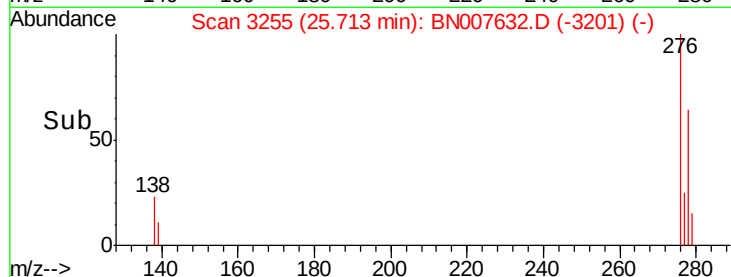
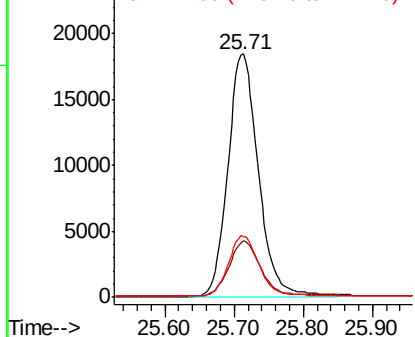


Abundance

Ion 276.00 (275.70 to 276.70): E

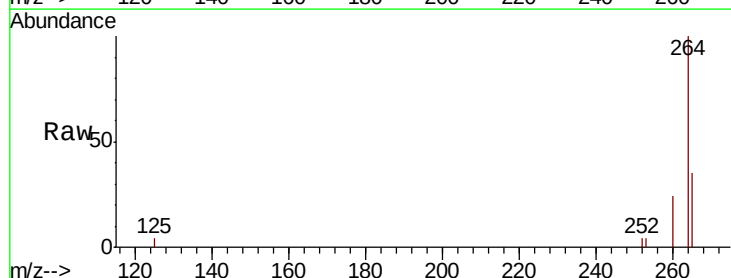
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BN007632.D
 Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	35.3	24.6	37.0

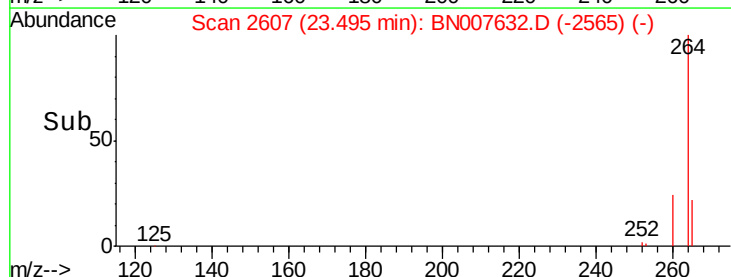
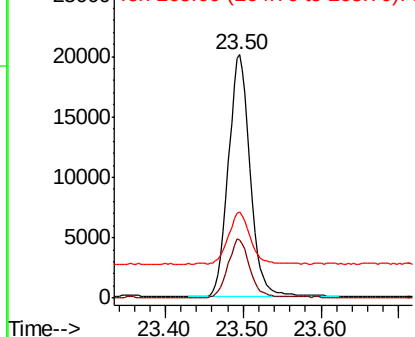


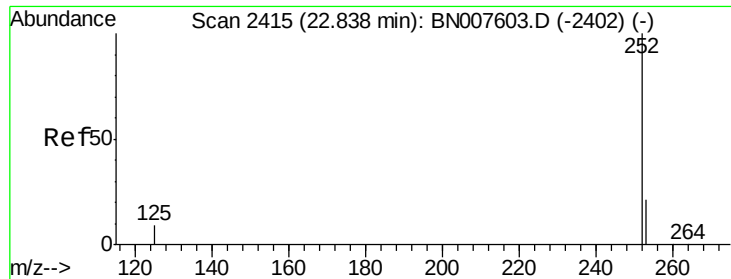
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





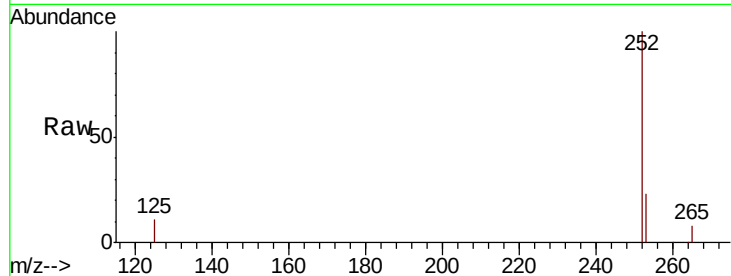
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.7	8.0	12.0

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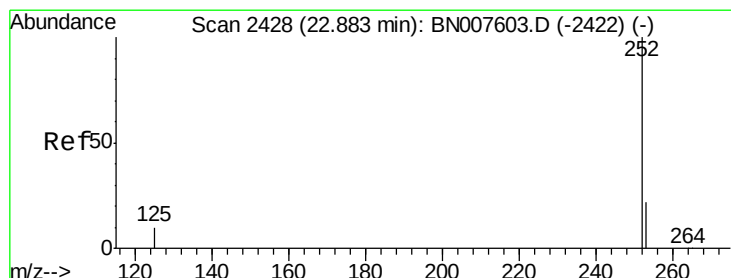
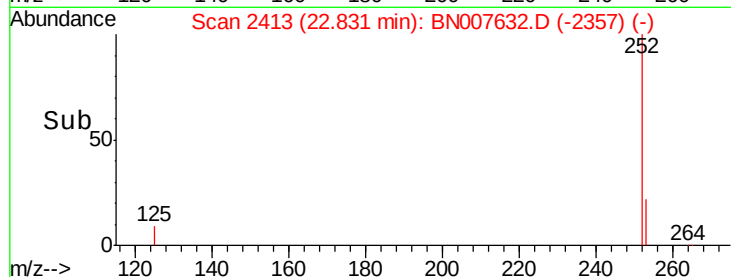
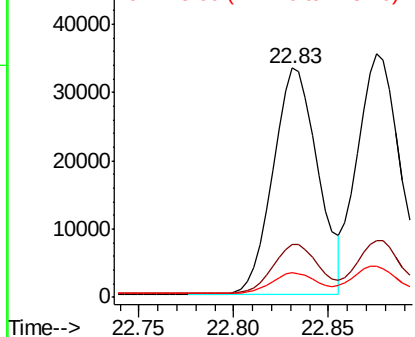


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

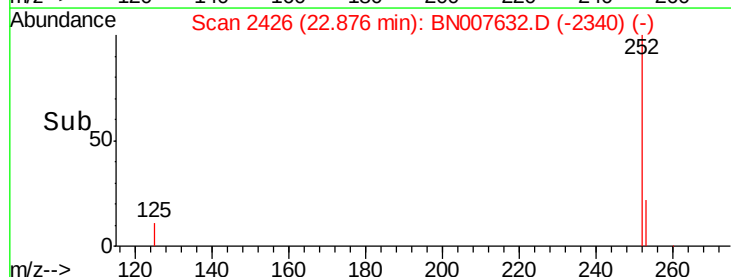
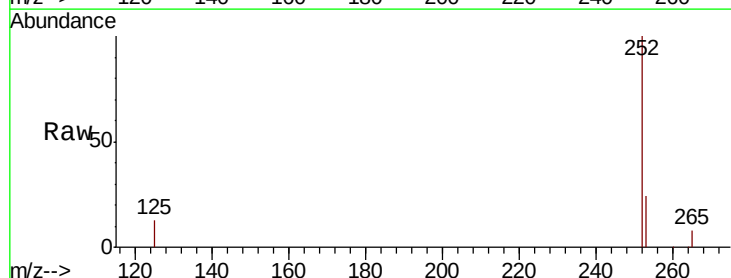
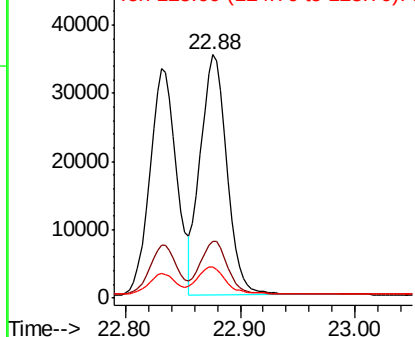
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	12.8	8.9	13.3

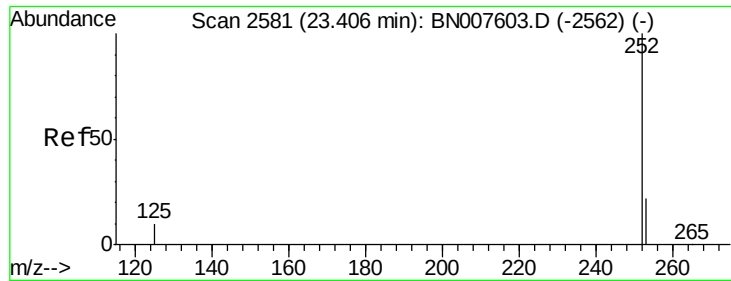
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





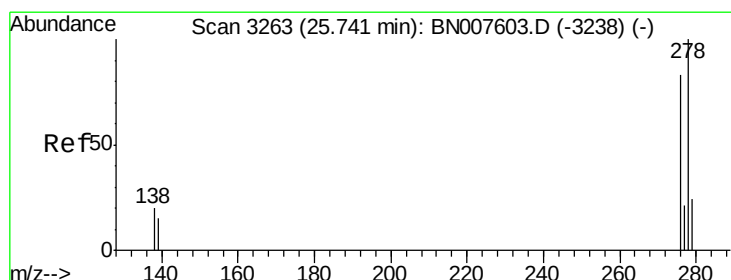
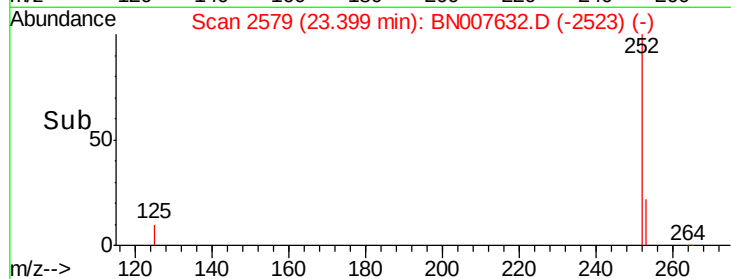
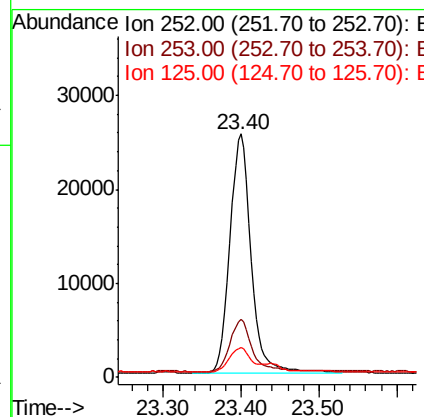
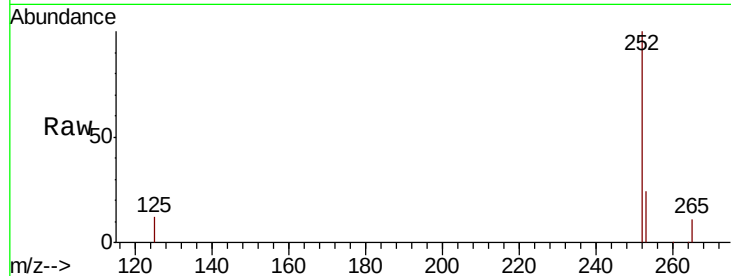
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	12.3	8.9	13.3

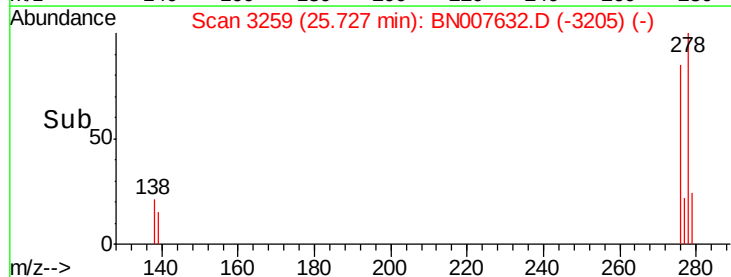
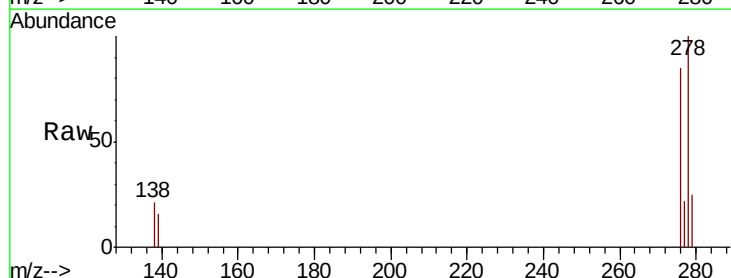
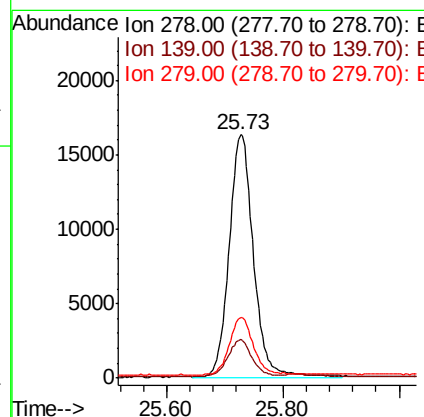
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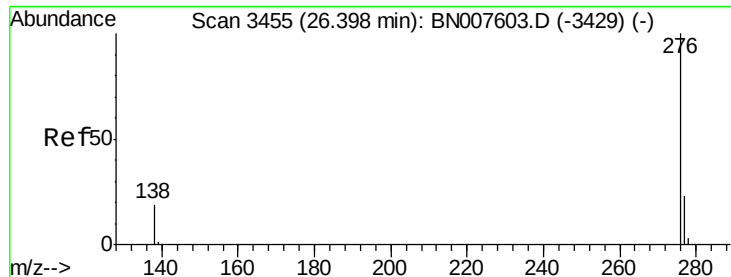
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#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.73 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	18.8
279	25.1	19.6	29.4





#39

Benzo(a,h,i)perylene

Concen: 0.372 ng

RT: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007632.D

Acq: 13 Sep 2019 18:13

Instrument :

BNA_N

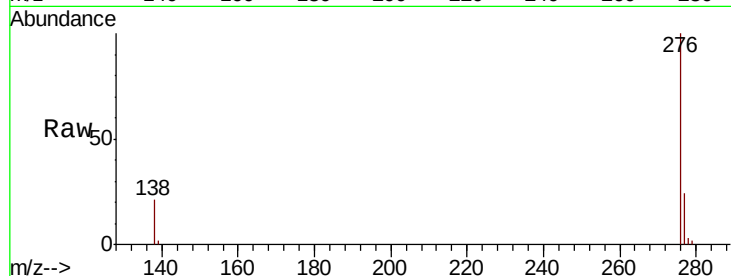
ClientSampleId :

RE122D2-20190909MSD

Tot Ion:	276	Resp:	48864
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.1	28.7
138	20.8	15.8	23.6

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

