

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007862.D
 Acq On : 25 Sep 2019 20:04
 Operator : JU
 Sample : K4994-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-B231-091919-1MSD

Manual Integrations
 APPROVED

mohammad
 9/27/2019 8:27:59 AM

Quant Time: Sep 26 07:34:15 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 18 18:24:40 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	10391	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	37690	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	19905	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	35416	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	34451	0.40	ng	-0.02
34) Perylene-d12	23.47	264	44107	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.31	112	10873	0.30	ng	0.00
5) Phenol-d6	6.86	99	14113	0.32	ng	0.00
8) Nitrobenzene-d5	8.83	82	12212	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	22986m	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2539	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	29000	0.35	ng	-0.01
25) Fluoranthene-d10	19.09	212	34730m	0.29	ng	-0.01
29) Terphenyl-d14	19.70	244	28628	0.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	3169	0.274	ng	# 74
3) n-Nitrosodimethylamine	3.01	42	94107	17.740	ng	# 69
6) bis(2-Chloroethyl)ether	7.13	93	10551	0.359	ng	94
9) Naphthalene	10.51	128	50333	0.476	ng	100
10) Hexachlorobutadiene	10.81	225	7234	0.325	ng	# 100
12) 2-Methylnaphthalene	12.13	142	35829	0.501	ng	99
16) Acenaphthylene	14.02	152	104862	0.993	ng	99
17) Acenaphthene	14.37	154	34686	0.510	ng	96
18) Fluorene	15.36	166	52033	0.597	ng	# 92
20) 4-Bromophenyl-phenylether	16.25	248	7764	0.361	ng	# 74
21) Hexachlorobenzene	16.38	284	7679	0.327	ng	97
22) Pentachlorophenol	16.71	266	4720	0.545	ng	96
23) Phenanthrene	17.10	178	832550	7.546	ng	100
24) Anthracene	17.19	178	127236	1.277	ng	99
26) Fluoranthene	19.12	202	892180	6.503	ng	99
28) Pyrene	19.49	202	1442593	12.278	ng	96
30) Benzo(a)anthracene	21.24	228	642794	5.067	ng	95
31) Chrysene	21.29	228	750795	6.072	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	54747	0.839	ng	97
33) Indeno(1,2,3-cd)pyrene	25.68	276	411116	2.656	ng	98
35) Benzo(b)fluoranthene	22.81	252	681793	4.453	ng	99
36) Benzo(k)fluoranthene	22.85	252	272896m	1.802	ng	
37) Benzo(a)pyrene	23.37	252	602541	4.187	ng	98
38) Dibenzo(a,h)anthracene	25.69	278	156386	1.062	ng	96
39) Benzo(g,h,i)perylene	26.35	276	491254	3.372	ng	99

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

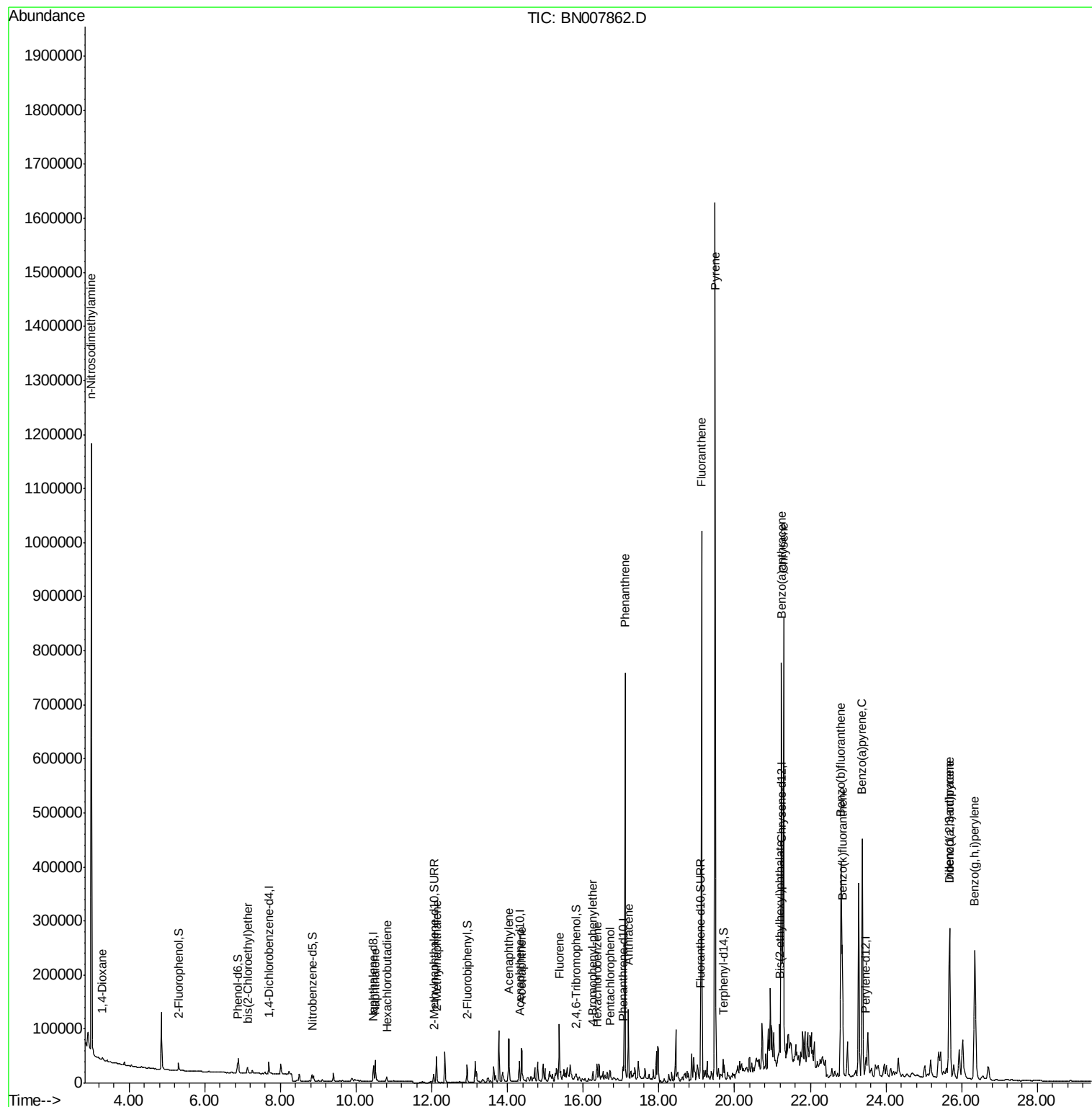
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007862.D
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ALS Vial : 13 Sample Multiplier: 1

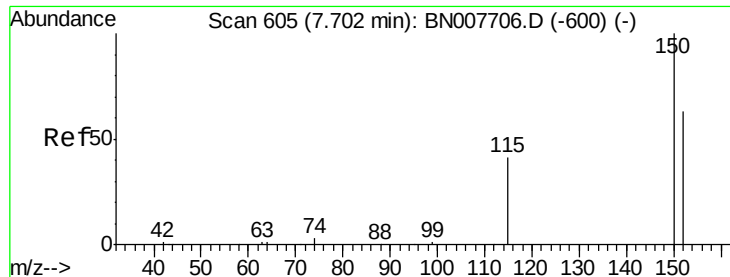
Instrument :
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#1

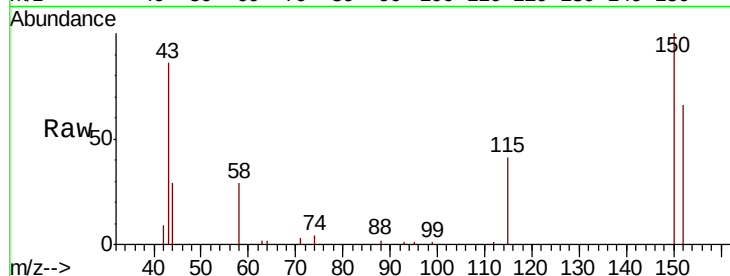
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

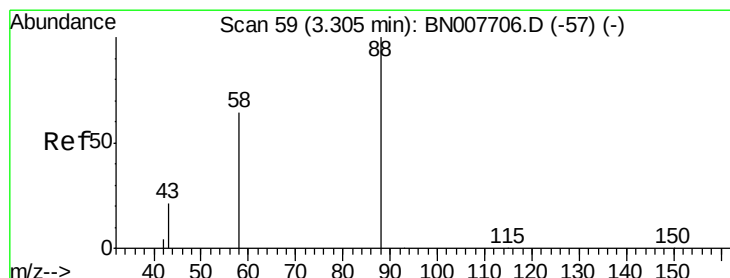
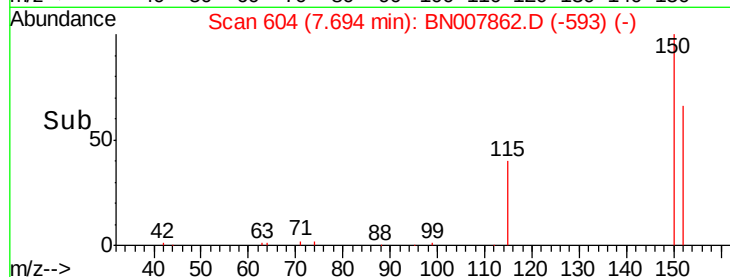
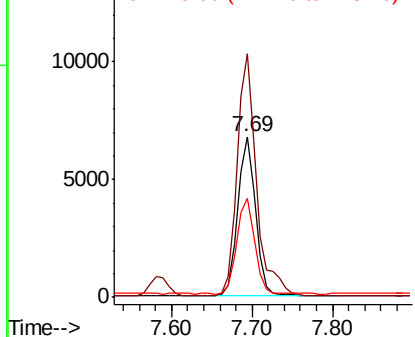
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	125.6	188.4
115	61.7	53.3	79.9

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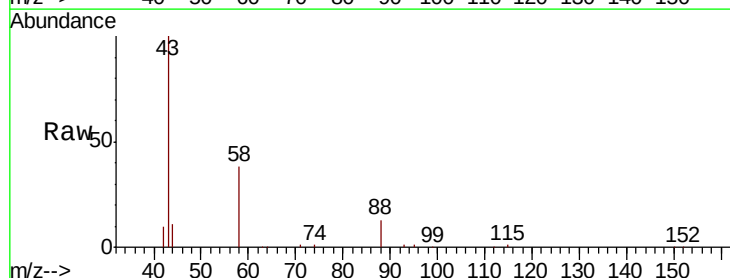
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



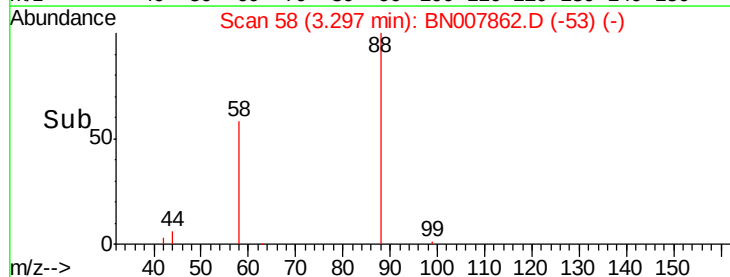
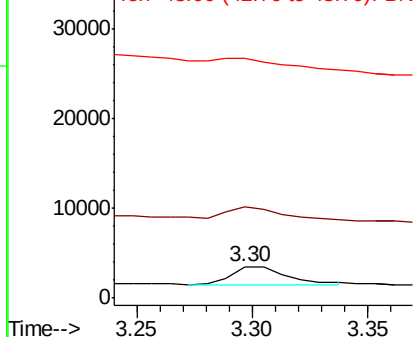
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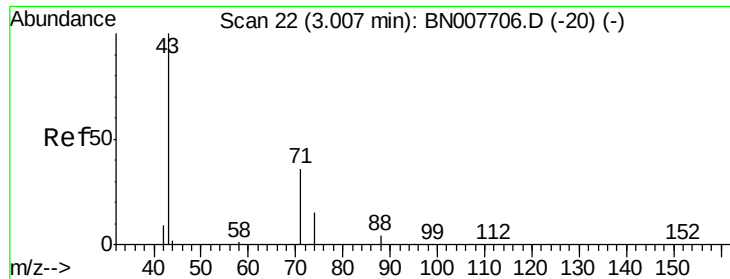
1,4-Dioxane
Concen: 0.274 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	44.6	66.8#
43	0.0	14.4	21.6#



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

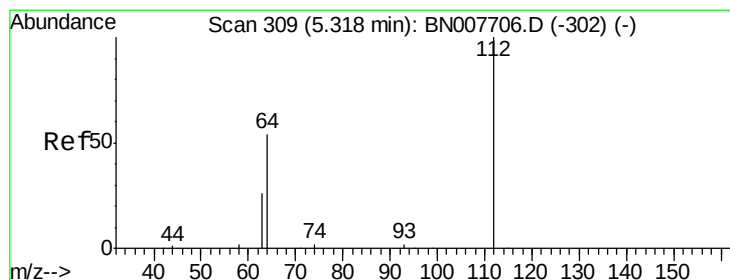
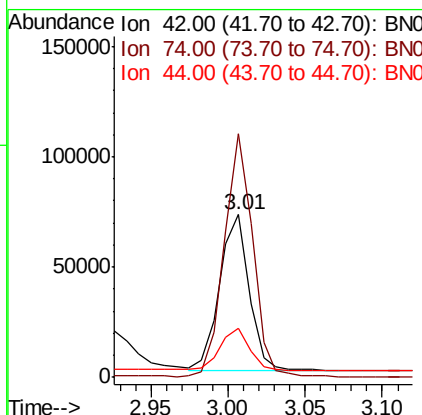
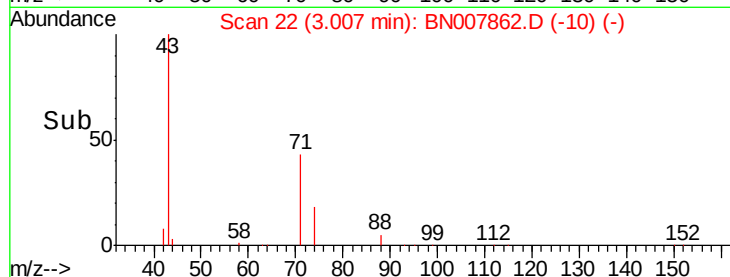
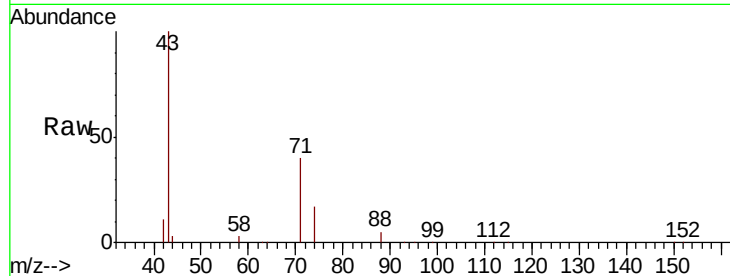
n-Nitrosodimethylamine
Concen: 17.740 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampled :
PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	148.2	87.9	131.9#
44	27.6	29.4	44.0#

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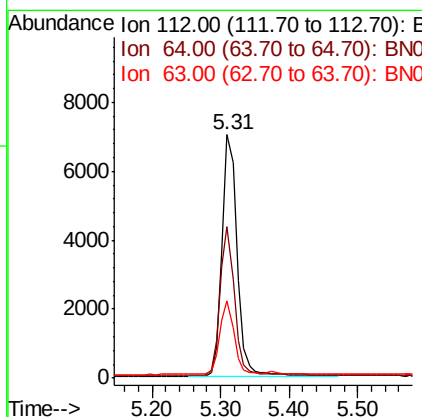
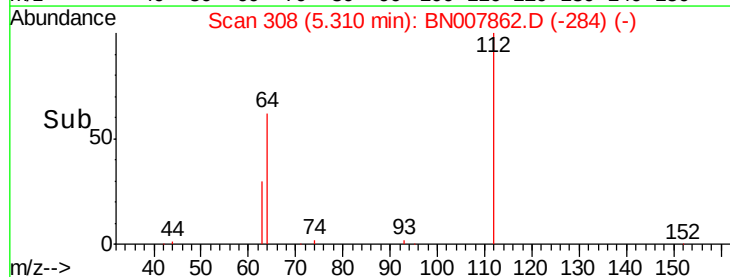
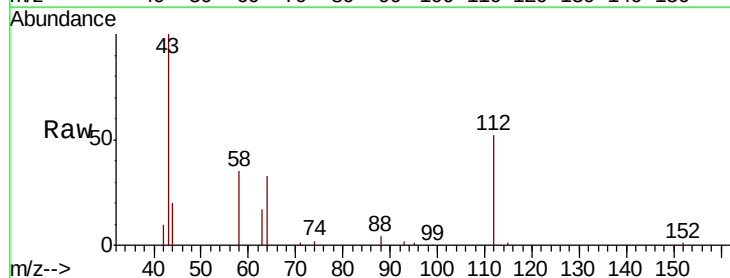
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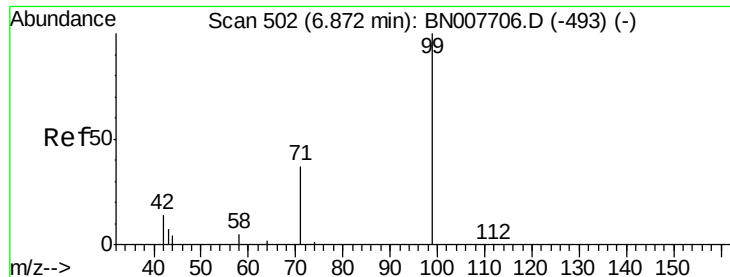


#4

2-Fluorophenol
Concen: 0.304 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.6	70.0
63	28.3	23.1	34.7





#5

Phenol-d6

Concen: 0.315 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Instrument :

BNA_N

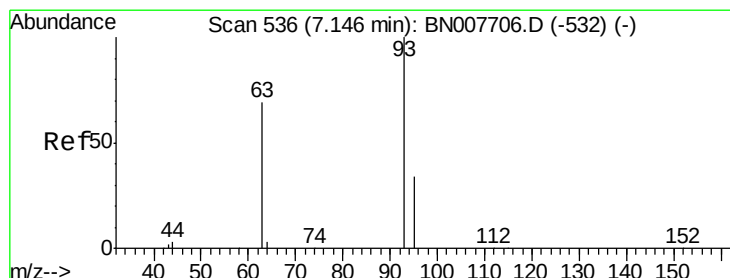
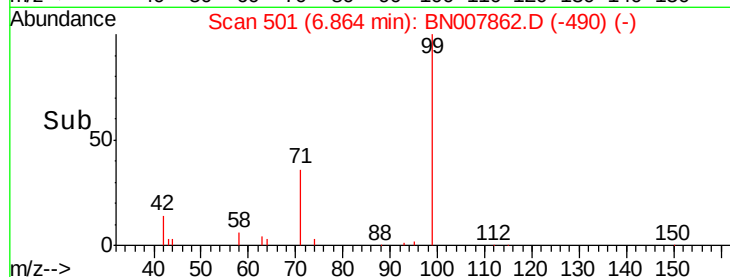
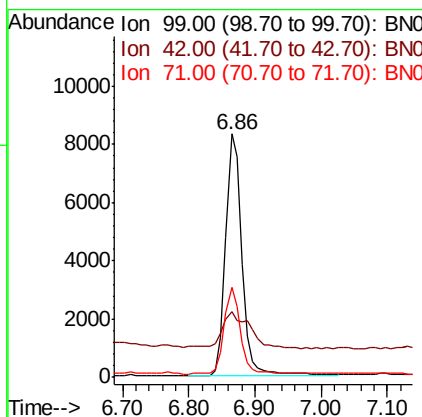
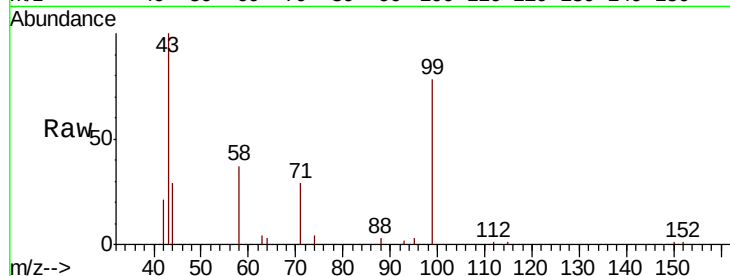
ClientSampleId :

PST-B231-091919-1MSD

Tot Ion:	99	Resp:	14113
Ion Ratio	Lower	Upper	
99	100		
42	25.5	12.8	19.2#
71	35.7	27.6	41.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.359 ng

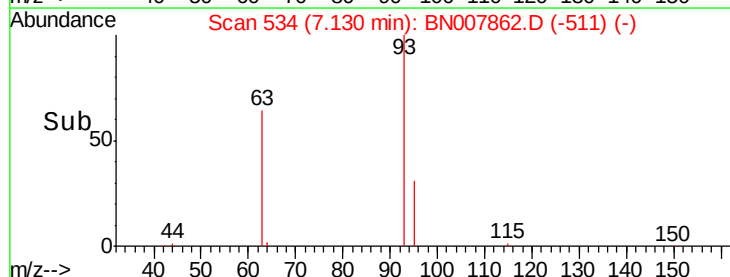
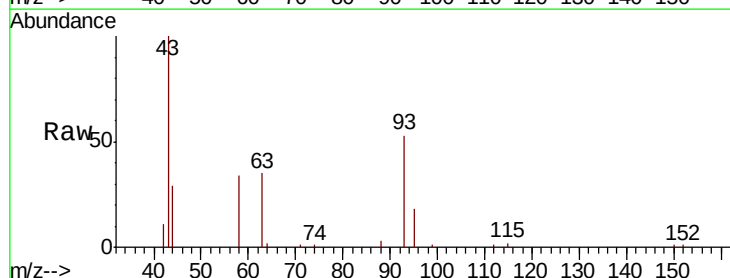
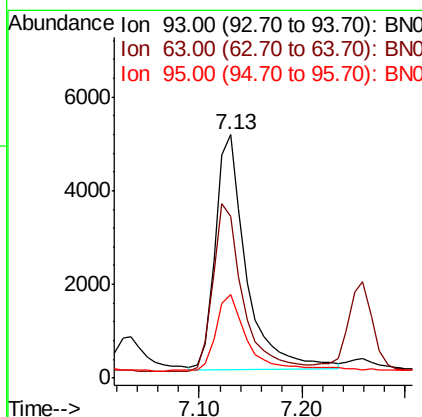
RT: 7.13 min Scan# 534

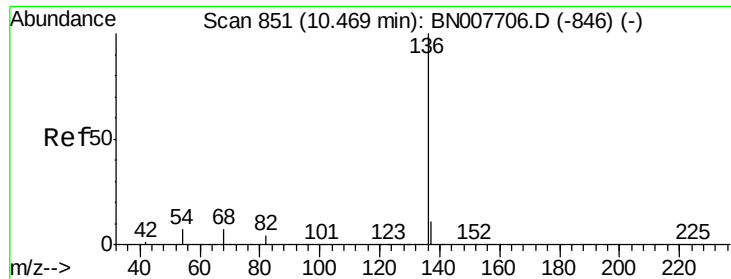
Delta R.T. -0.02 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Tgt Ion:	93	Resp:	10551
Ion Ratio	Lower	Upper	
93	100		
63	69.8	59.3	88.9
95	34.2	31.4	47.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Instrument :

BNA_N

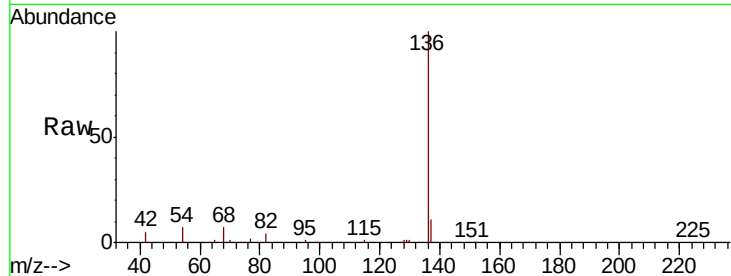
ClientSampleId :

PST-B231-091919-1MSD

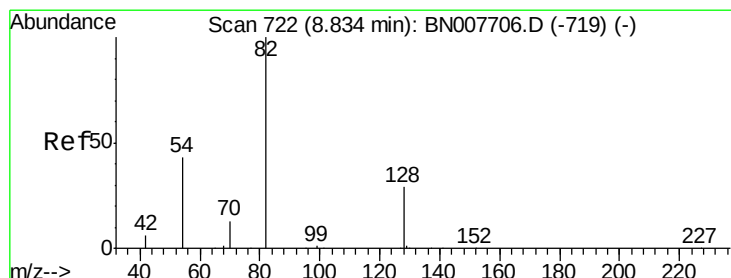
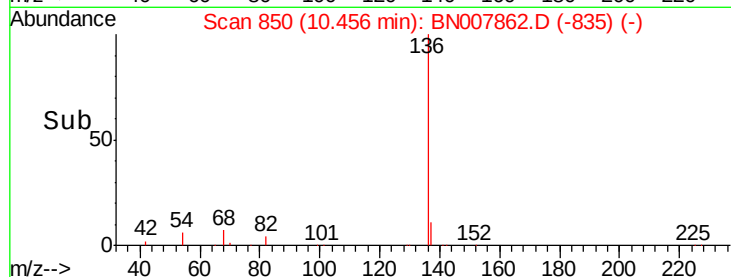
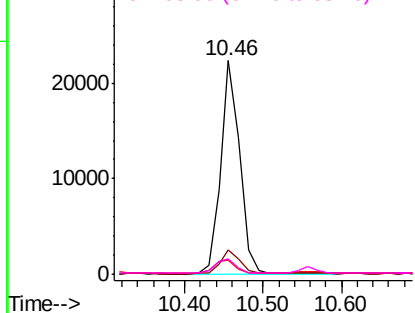
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.7	5.8	8.8
68	7.3	6.5	9.7

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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: 0.370 ng

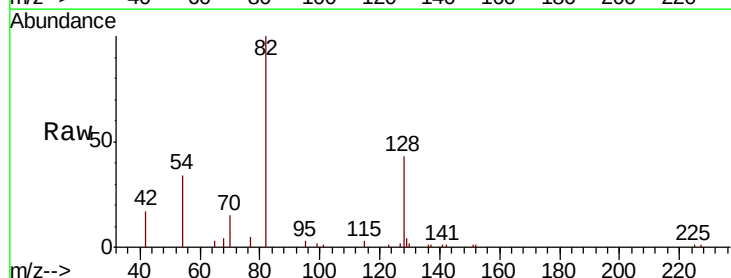
RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

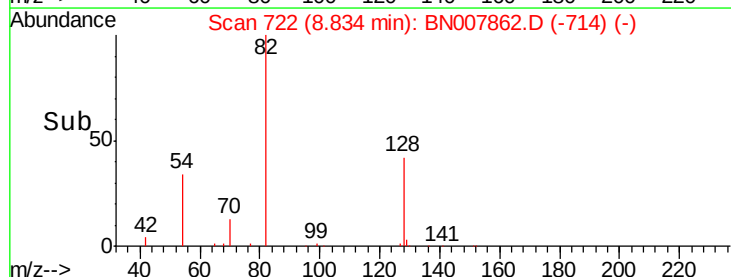
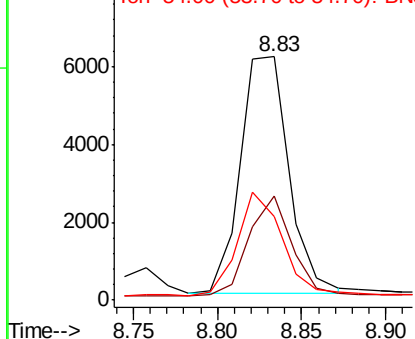
Lab File: BN007862.D

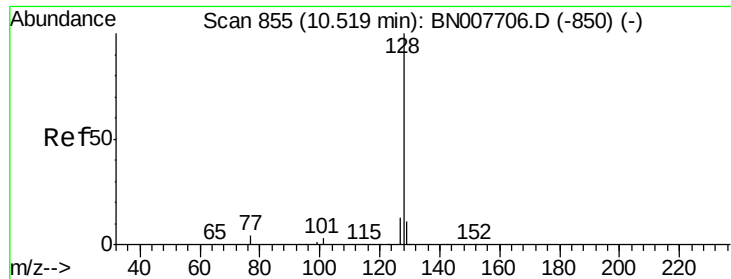
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	24.5	36.7#
54	34.5	35.2	52.8#



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: 0.476 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Instrument :

BNA_N

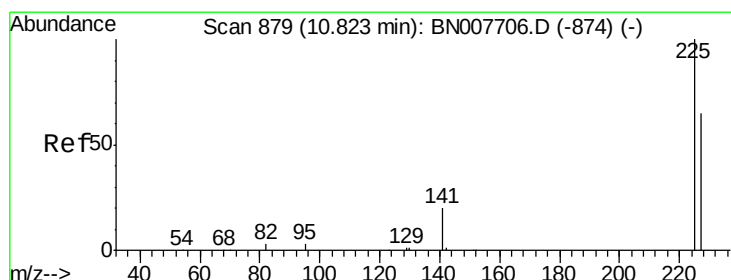
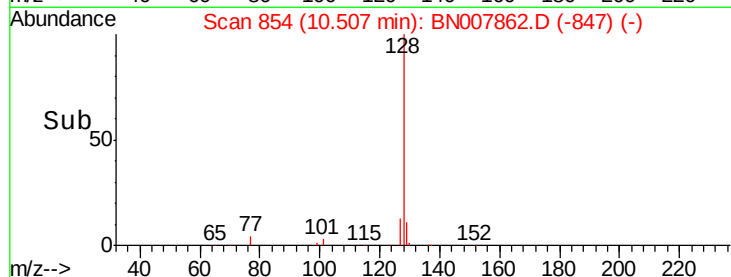
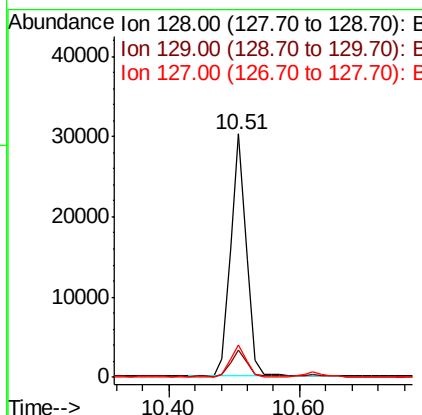
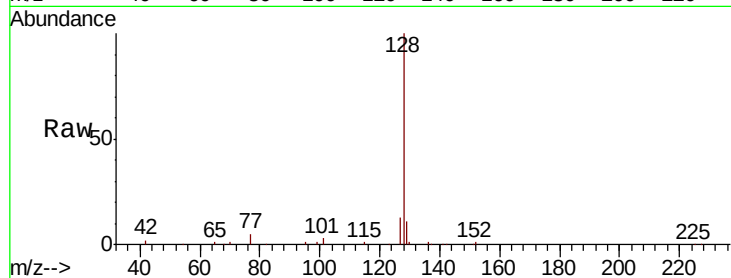
ClientSampleId :

PST-B231-091919-1MSD

Tot Ion:	128	Resp:	50333
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	13.2	10.6	15.8

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#10

Hexachlorobutadiene

Concen: 0.325 ng

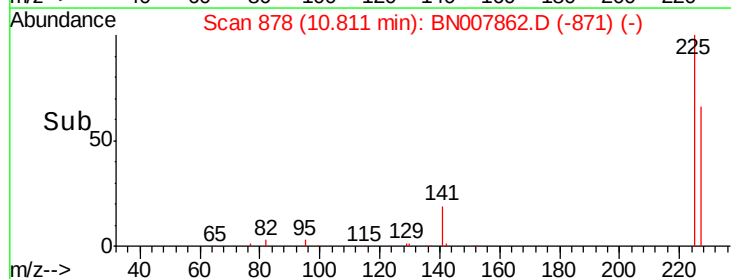
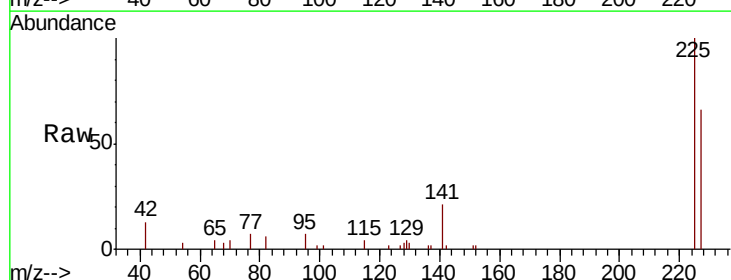
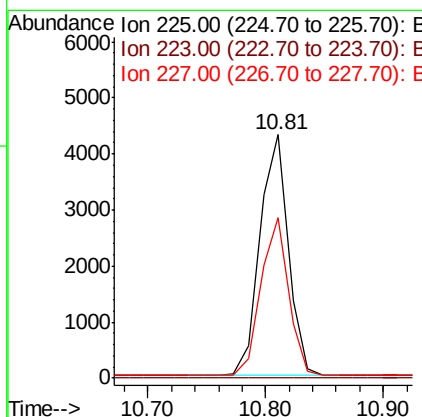
RT: 10.81 min Scan# 878

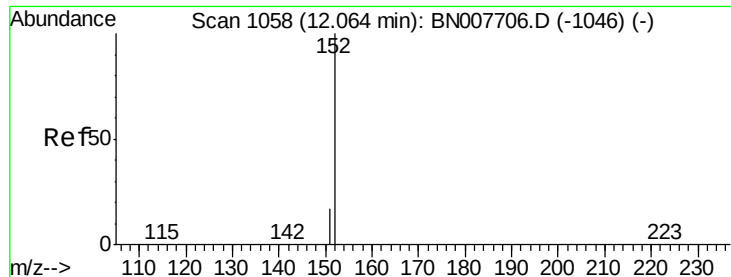
Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Tgt Ion:	225	Resp:	7234
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8





#11

2-Methylnaphthalene-d10

Concen: 0.362 ng/mL

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Instrument :

BNA_N

ClientSampleId :

PST-B231-091919-1MSD

Tot Ion:152 Resp: 22986

Ion Ratio Lower Upper

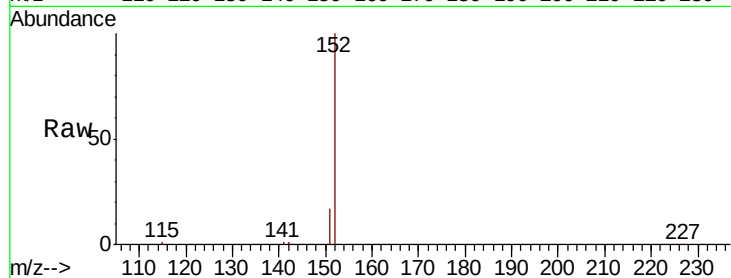
152 100

151 18.7 15.4 23.2

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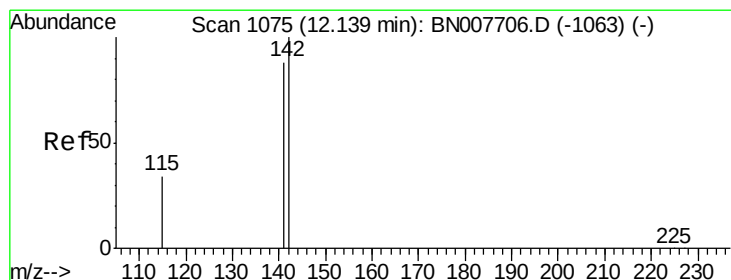
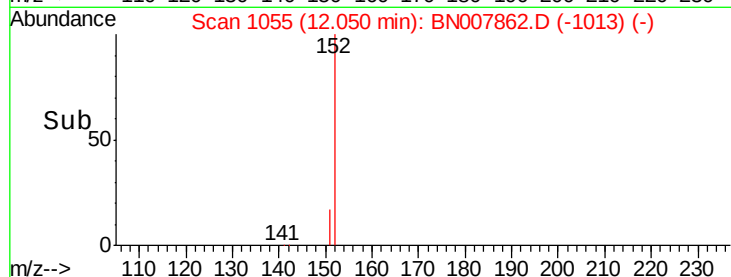
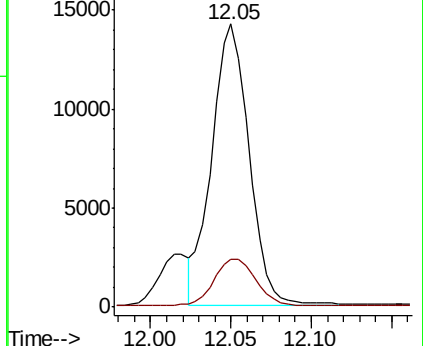
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.501 ng/mL

RT: 12.13 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

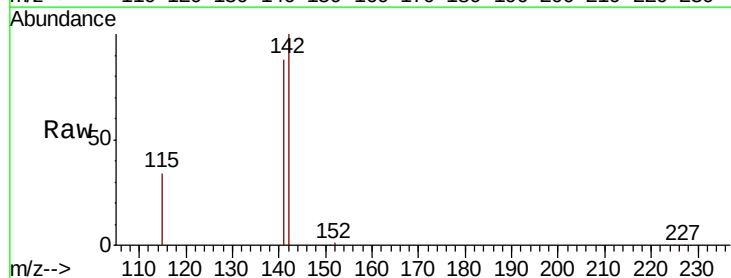
Tgt Ion:142 Resp: 35829

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0

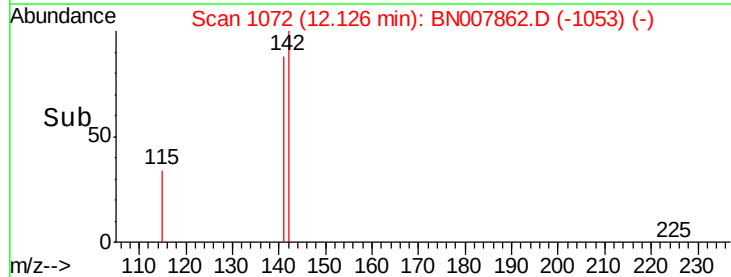
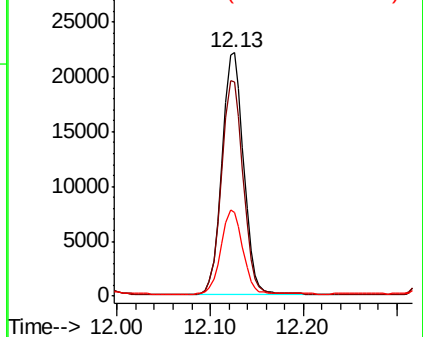
115 34.4 28.3 42.5

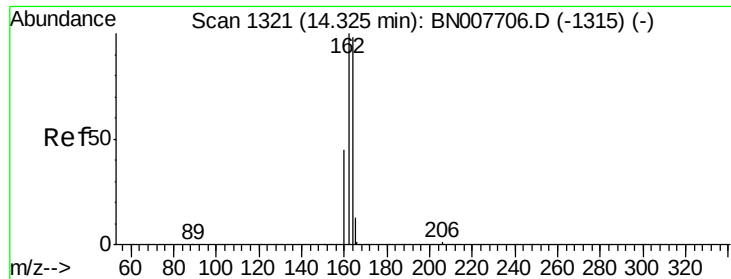


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





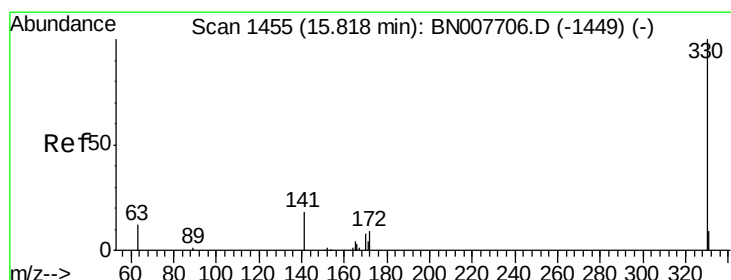
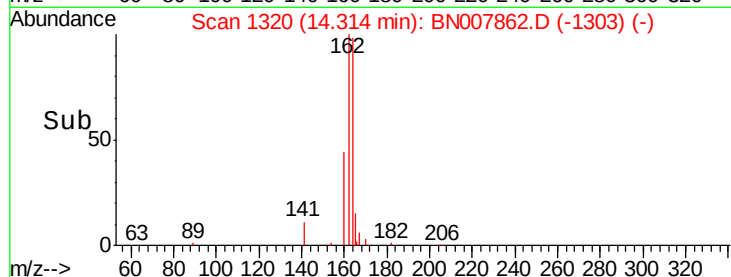
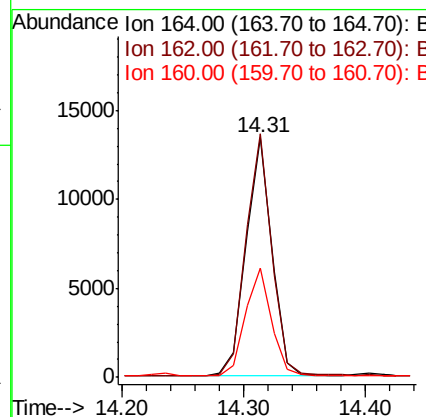
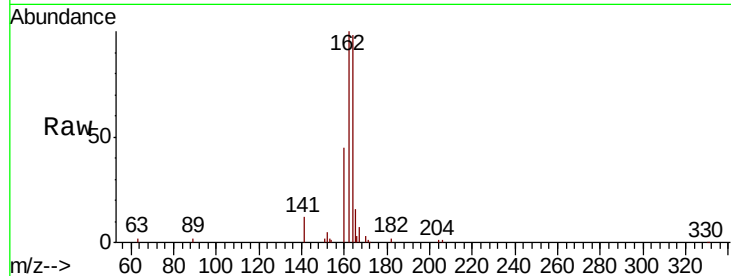
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.7	122.5
160	45.6	37.0	55.4

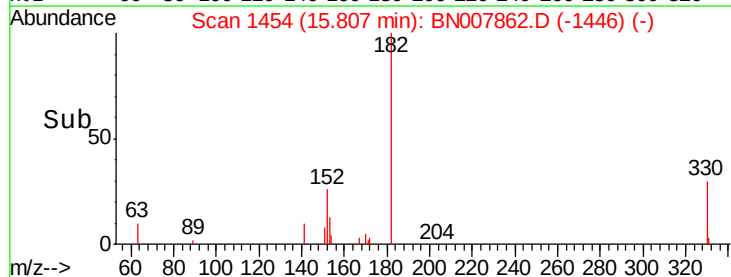
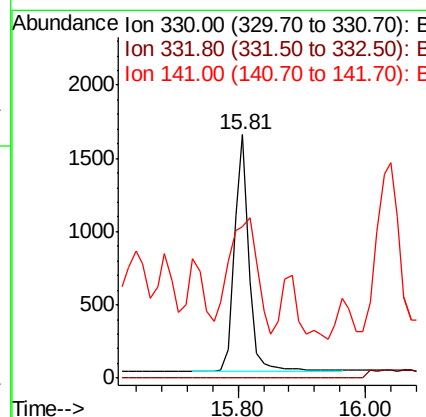
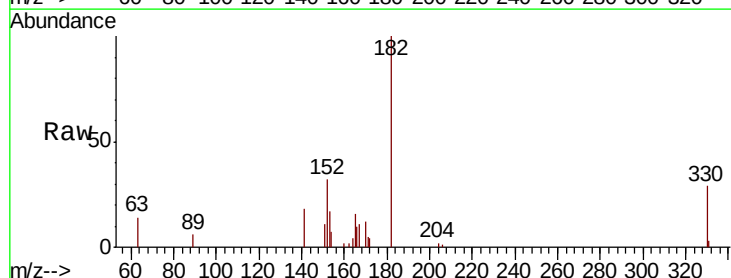
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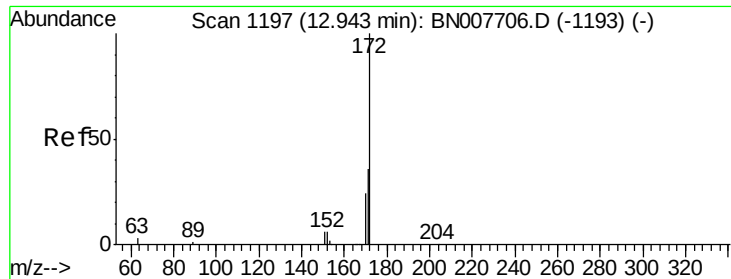
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	94.5	28.7	43.1#





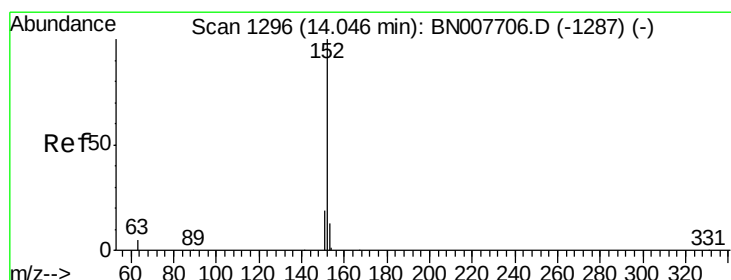
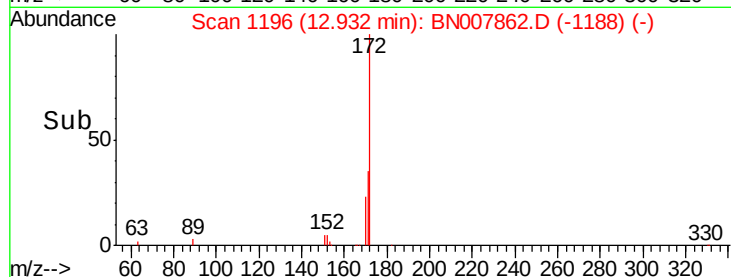
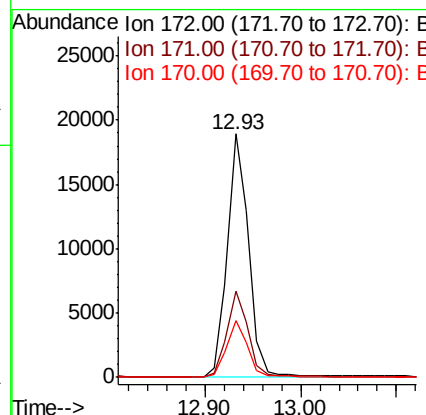
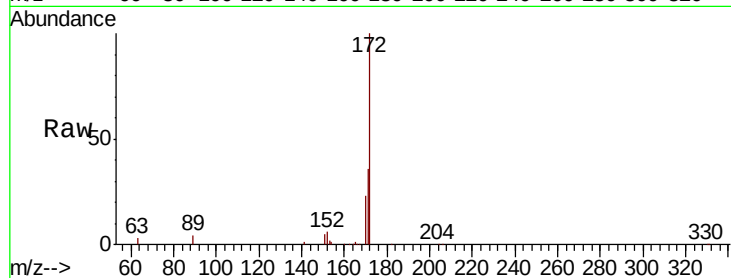
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.2	19.5	29.3

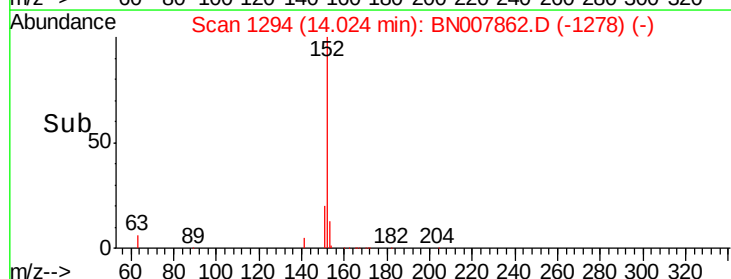
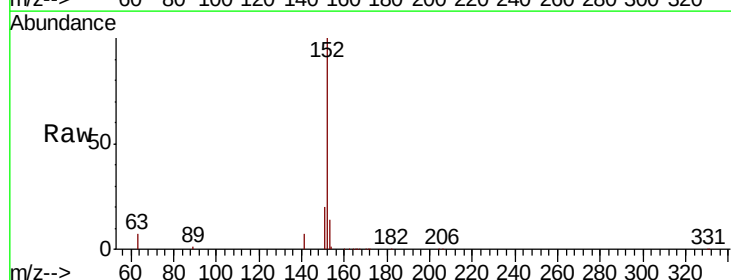
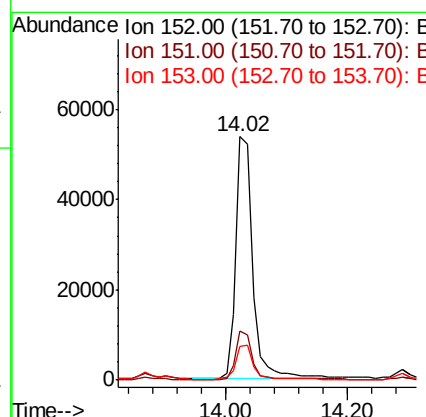
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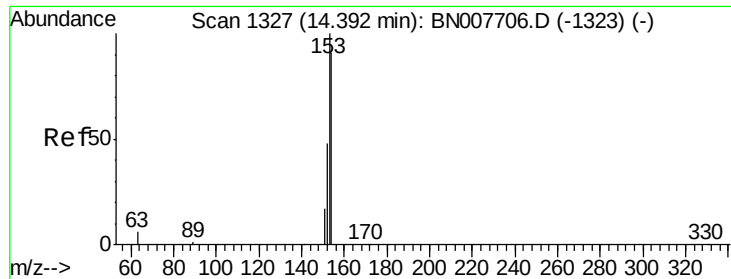
mohammad
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#16
Acenaphthylene
Concen: 0.993 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	14.2	10.4	15.6





#17

Acenaphthene

Concen: 0.510 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Instrument :

BNA_N

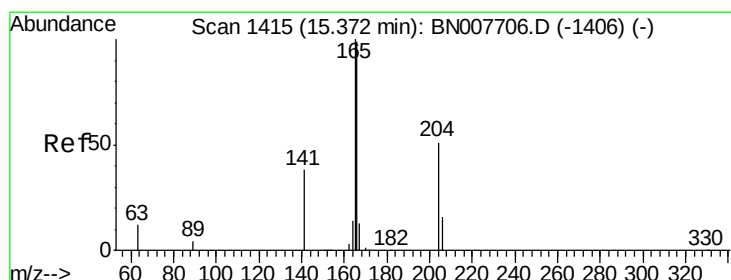
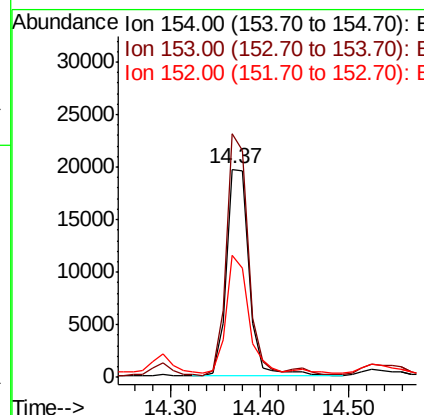
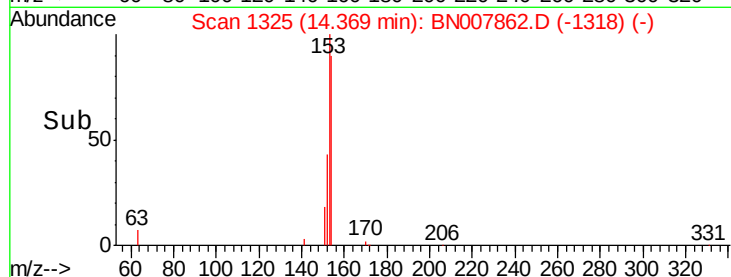
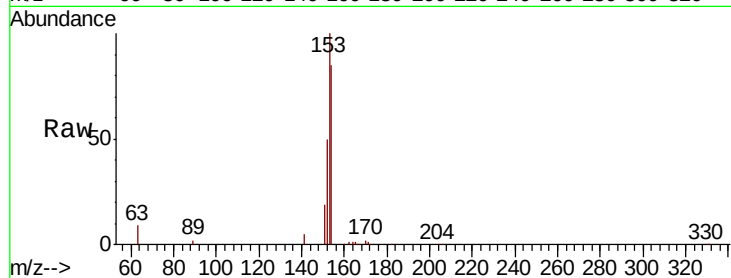
ClientSampleId :

PST-B231-091919-1MSD

Tot Ion:	154	Resp:	34686
Ion	Ratio	Lower	Upper
154	100		
153	113.1	87.0	130.4
152	56.2	42.7	64.1

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#18

Fluorene

Concen: 0.597 ng

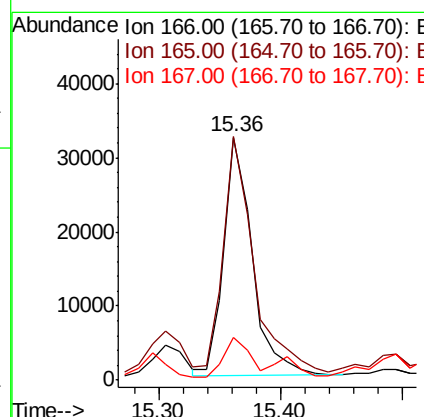
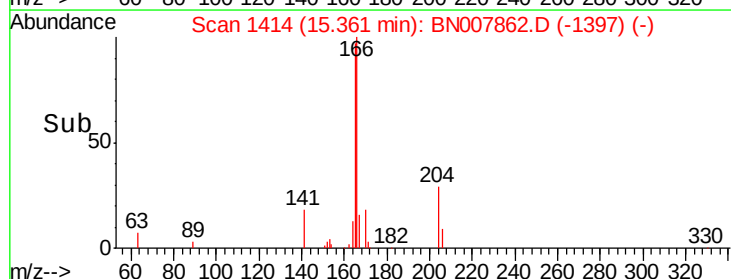
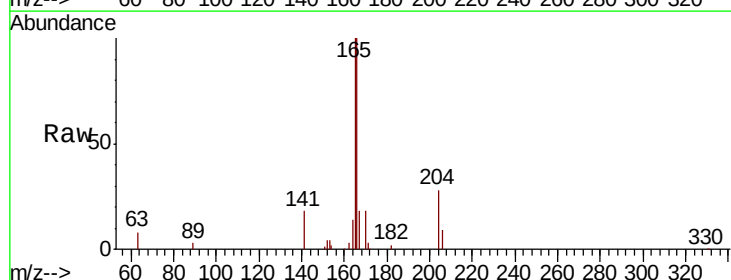
RT: 15.36 min Scan# 1414

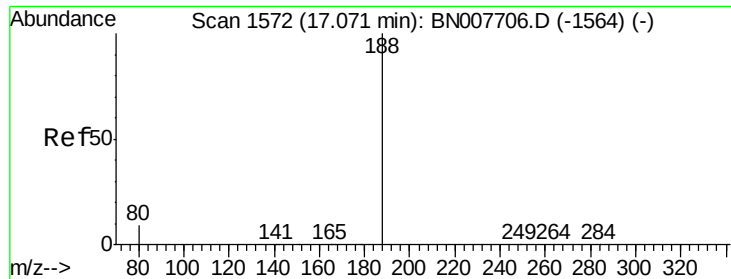
Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Tgt Ion:	166	Resp:	52033
Ion	Ratio	Lower	Upper
166	100		
165	104.8	78.0	117.0
167	17.5	10.9	16.3#





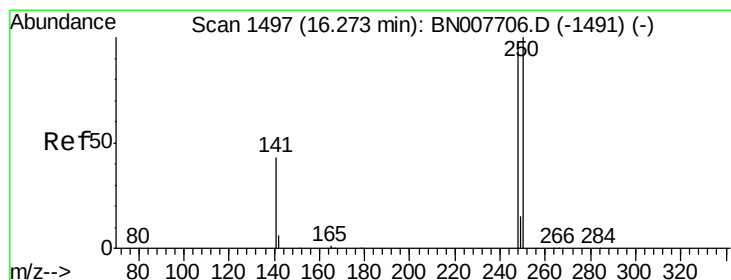
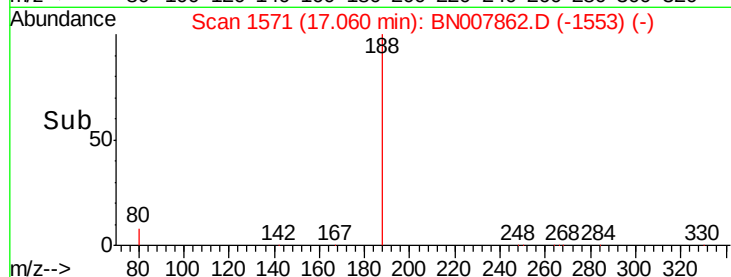
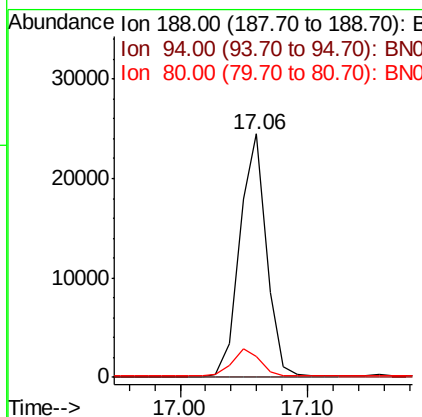
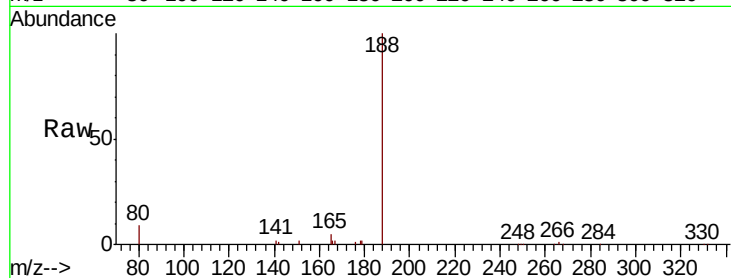
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	35416		
94	0.0	0.0	0.0	0.0
80	8.6	7.4	11.2	

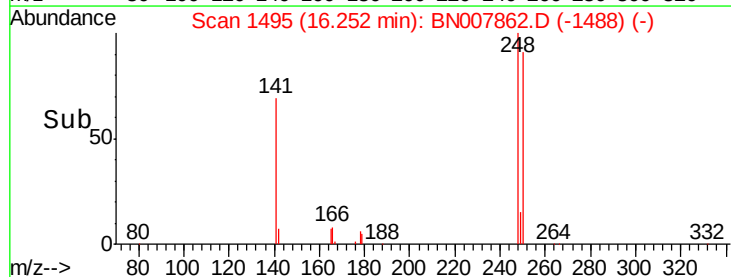
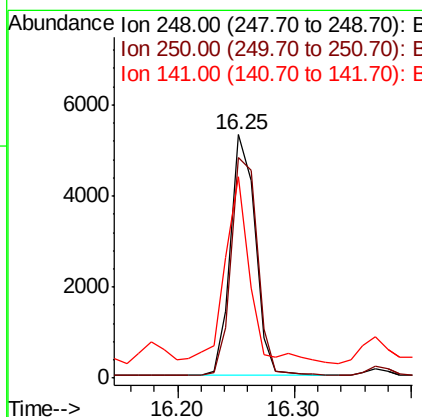
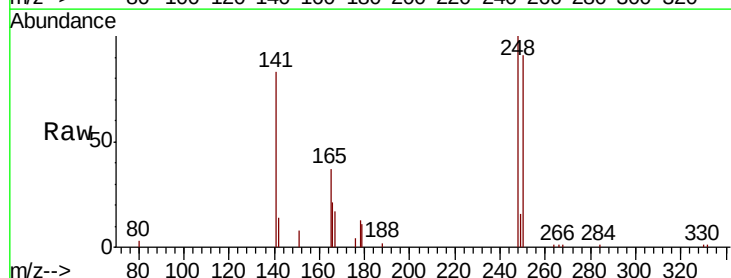
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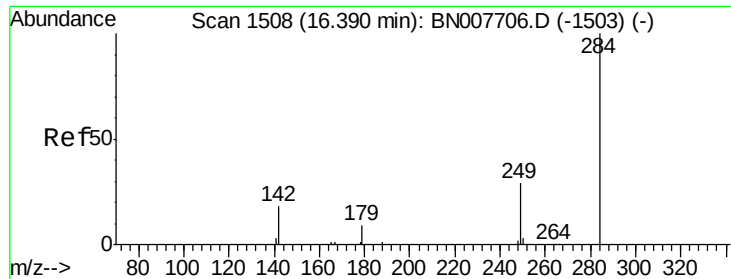
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#20
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	7764		
250	90.9	82.2	123.4	
141	82.8	36.3	54.5#	





#21

Hexachlorobenzene

Concen: 0.327 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Instrument :

BNA_N

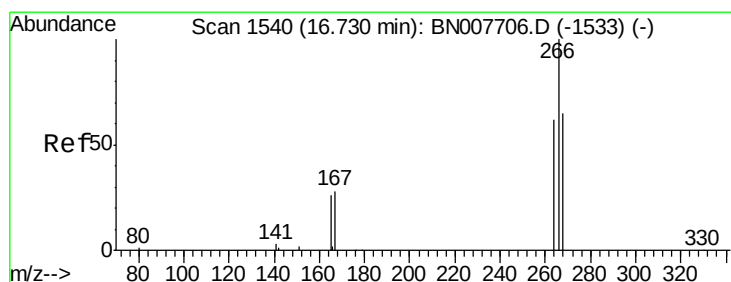
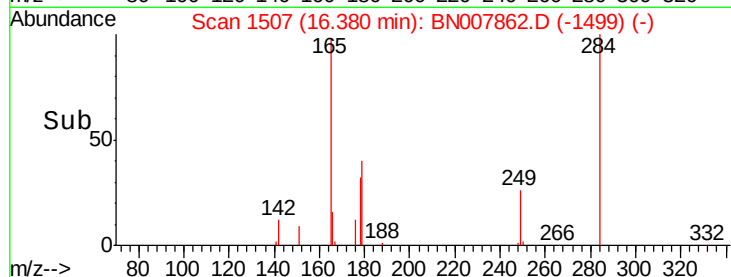
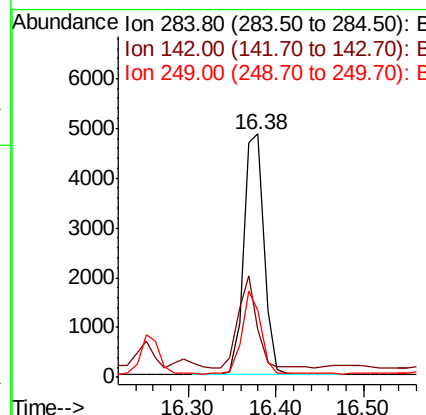
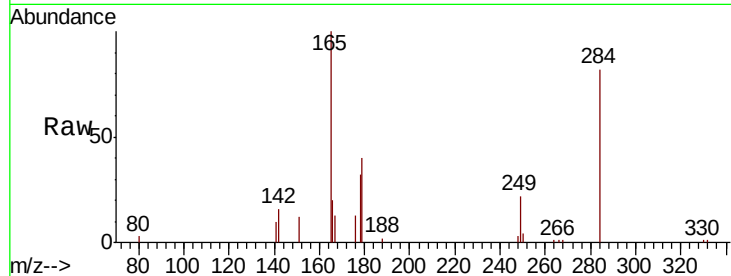
ClientSampleId :

PST-B231-091919-1MSD

Tot Ion:	284	Resp:	7679
Ion Ratio	Lower	Upper	
284	100		
142	35.1	25.8	38.6
249	31.7	25.9	38.9

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#22

Pentachlorophenol

Concen: 0.545 ng

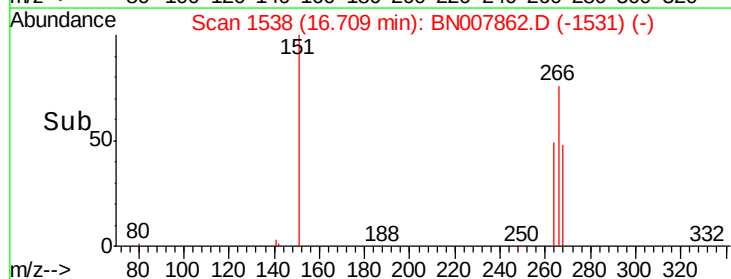
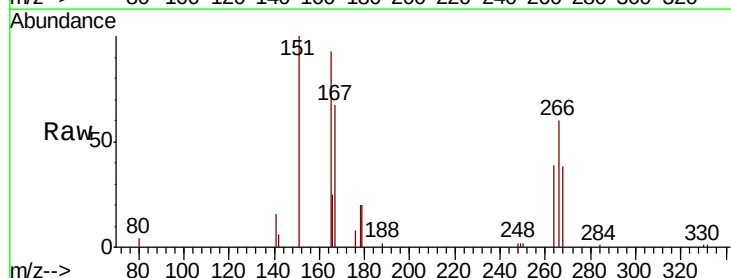
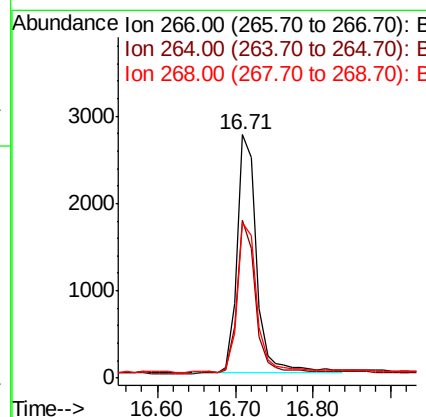
RT: 16.71 min Scan# 1538

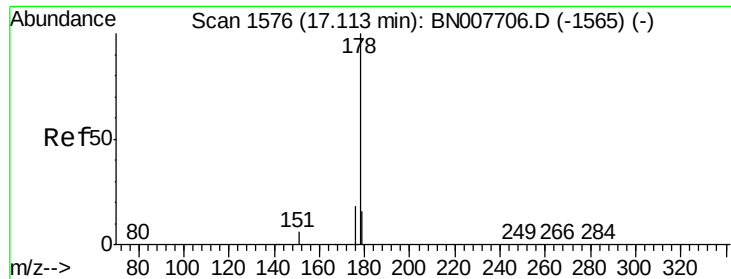
Delta R.T. -0.02 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Tgt Ion:	266	Resp:	4720
Ion Ratio	Lower	Upper	
266	100		
264	64.8	50.0	75.0
268	64.0	54.2	81.4





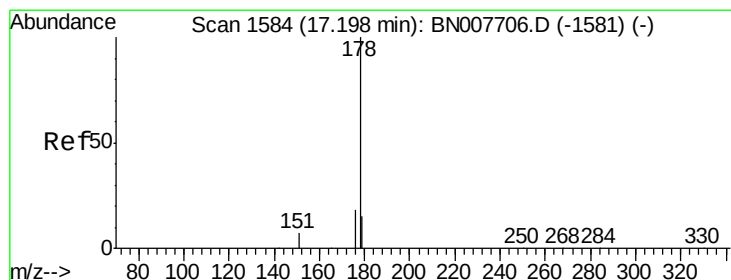
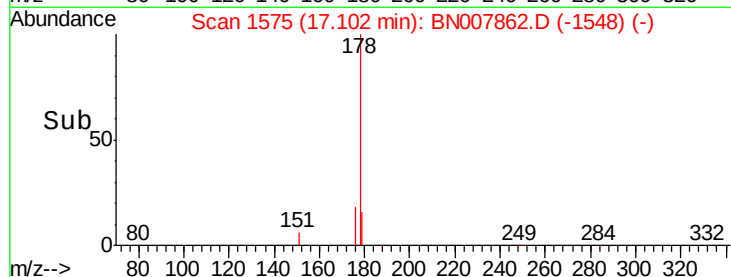
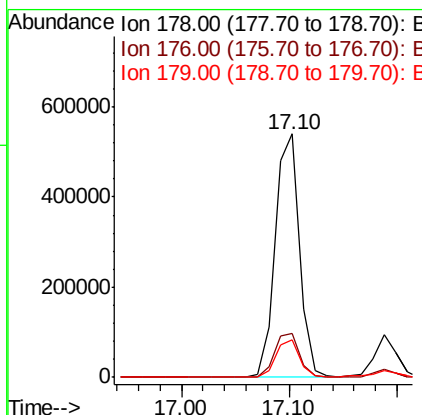
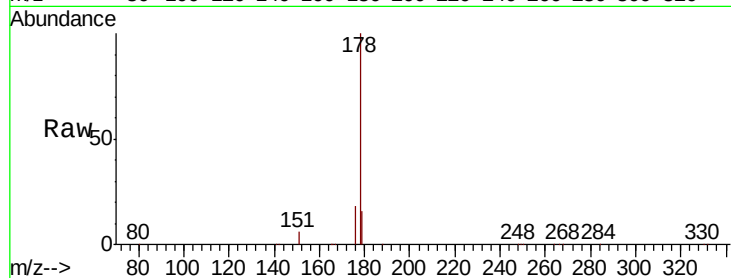
#23
Phenanthrene
Concen: 7.546 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

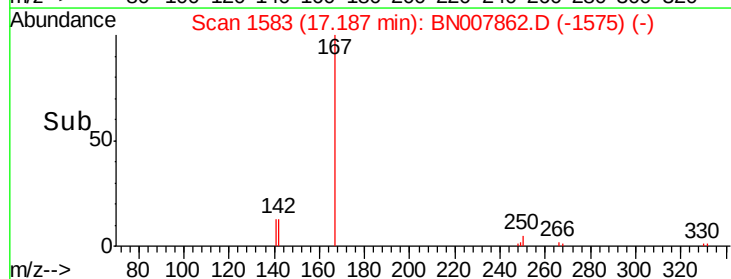
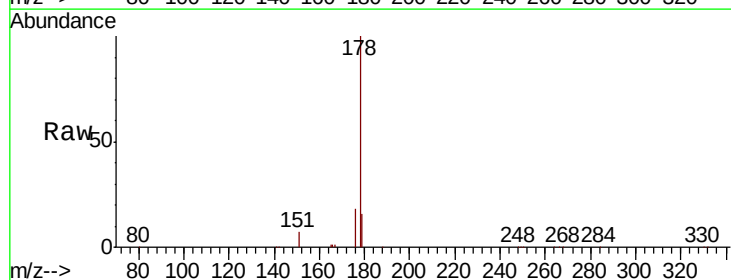
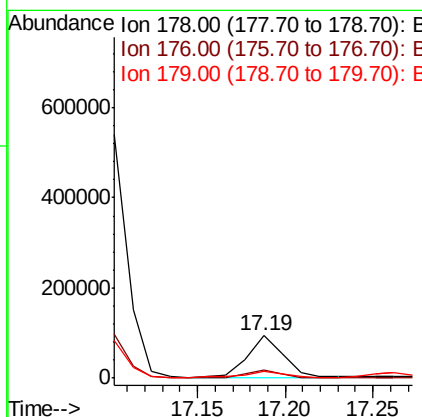
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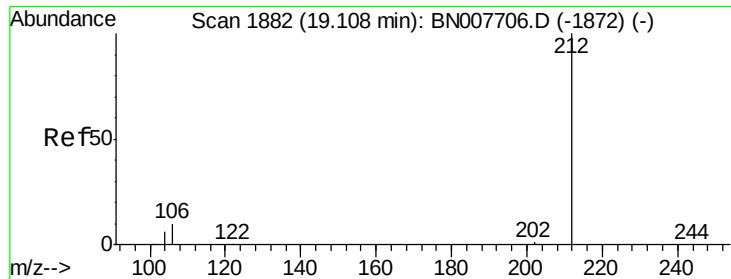
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#24
Anthracene
Concen: 1.277 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	16.3	12.2	18.4





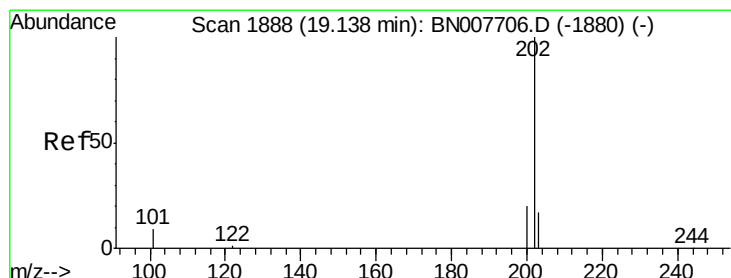
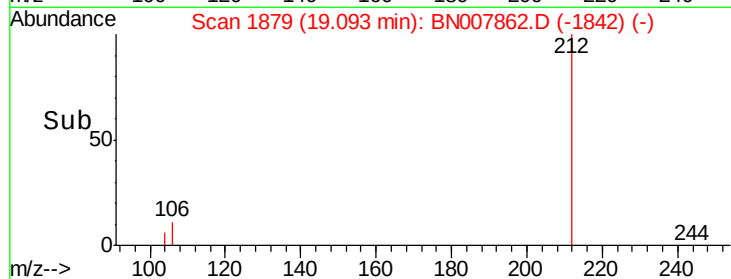
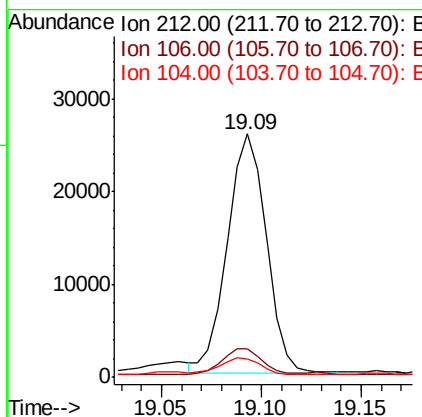
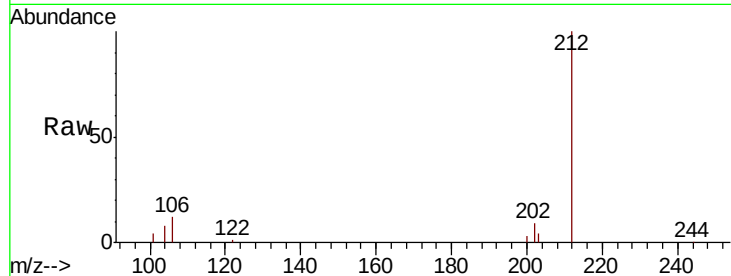
#25
Fluoranthene-d10
Concen: 0.291 ng/ml
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.4	14.0
104	7.1	5.3	7.9

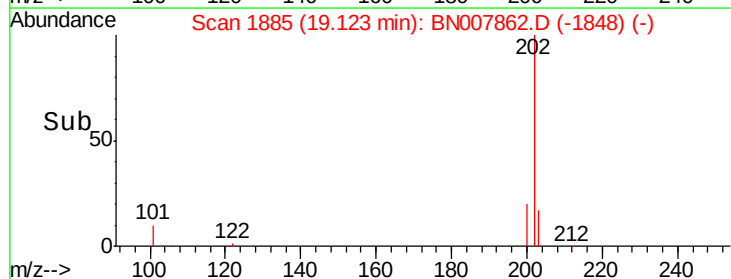
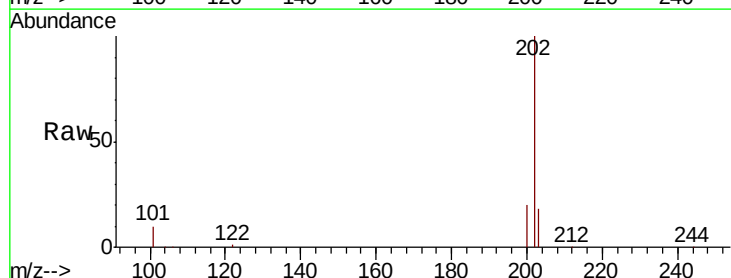
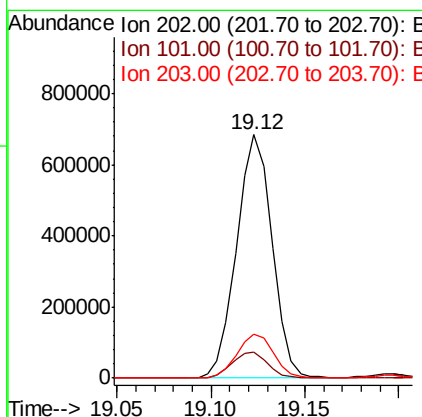
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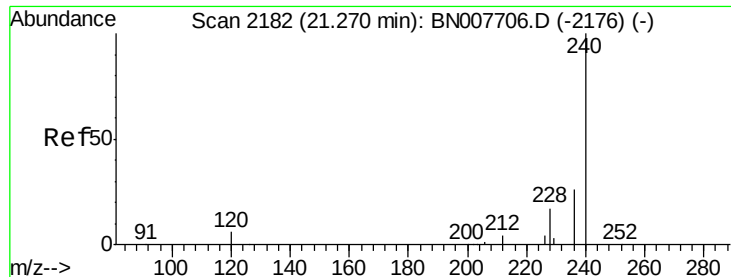
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#26
Fluoranthene
Concen: 6.503 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	18.2	13.8	20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Instrument :

BNA_N

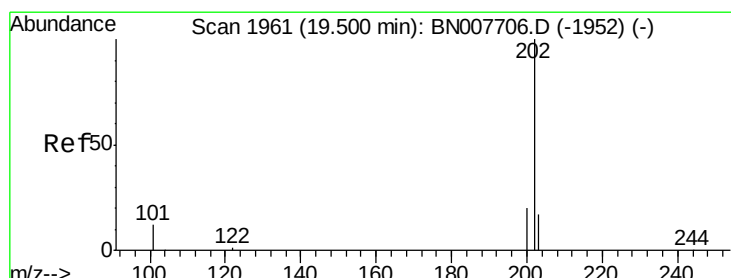
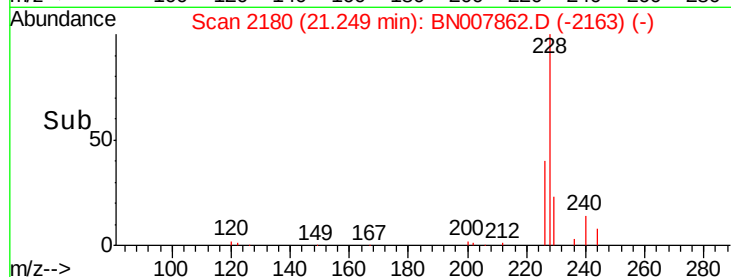
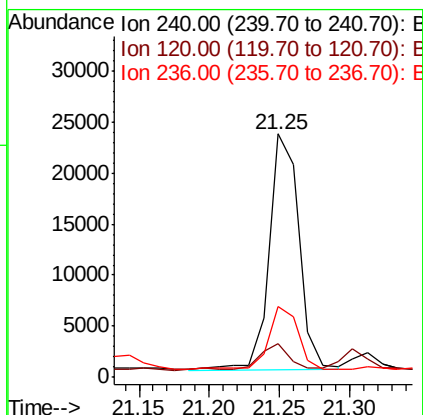
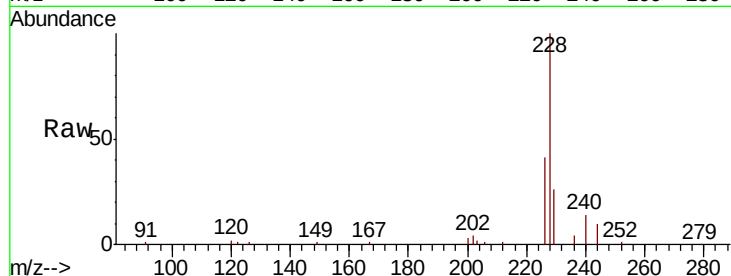
ClientSampleId :

PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.4	8.2#
236	29.1	21.0	31.4

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#28

Pyrene

Concen: 12.278 ng

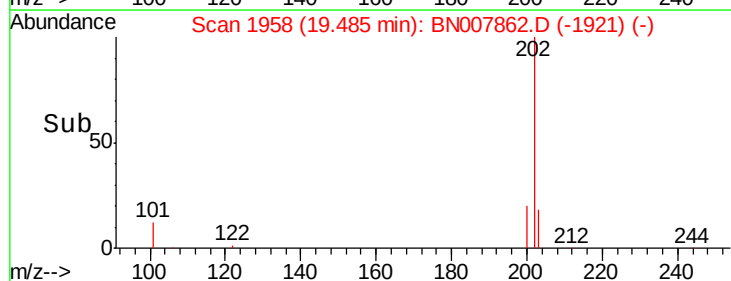
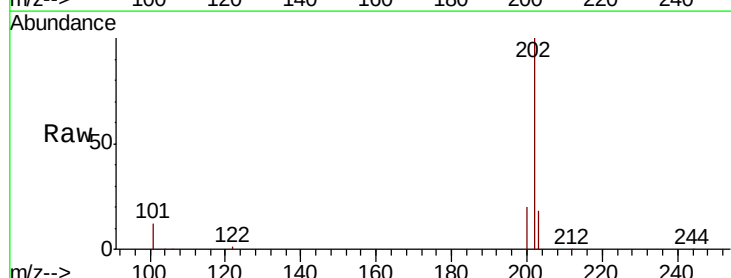
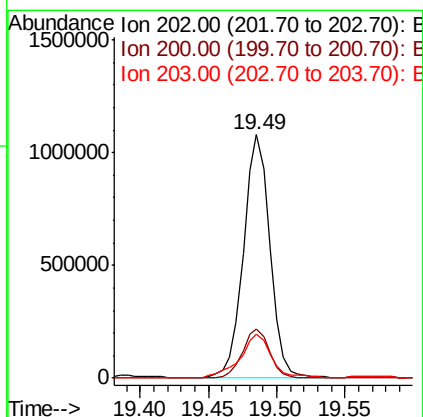
RT: 19.49 min Scan# 1958

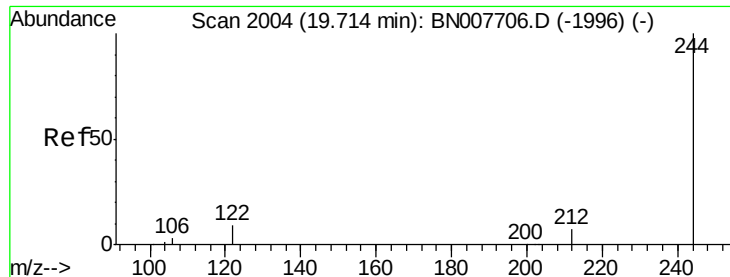
Delta R.T. -0.01 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.1	14.1	21.1





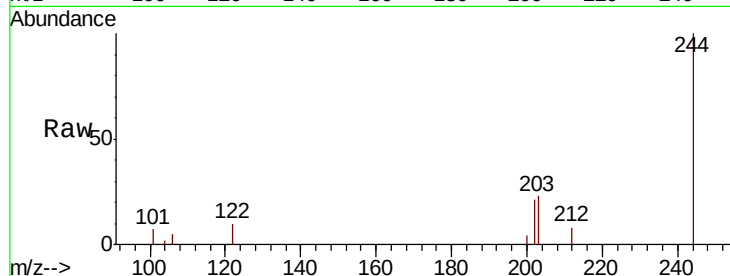
#29
 Terphenyl-d14
 Concen: 0.338 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BN007862.D
 Acq: 25 Sep 2019 20:04

Instrument :
 BNA_N
 ClientSampleId :
 PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	10.3	7.4	11.2

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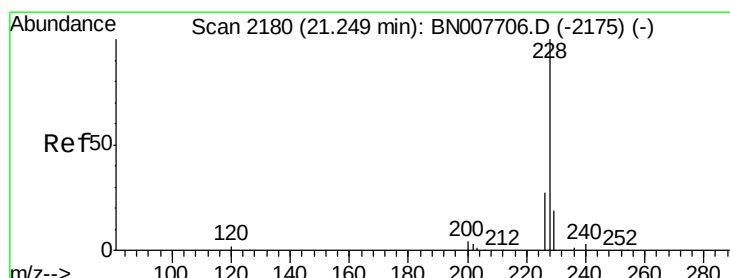
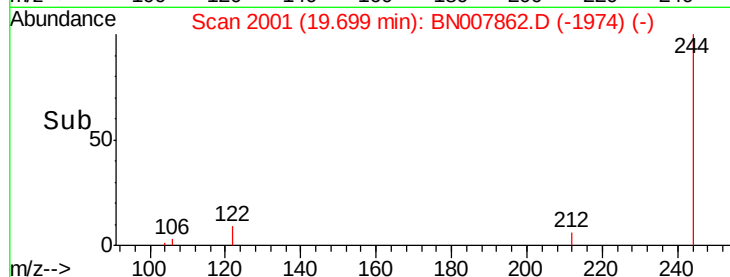
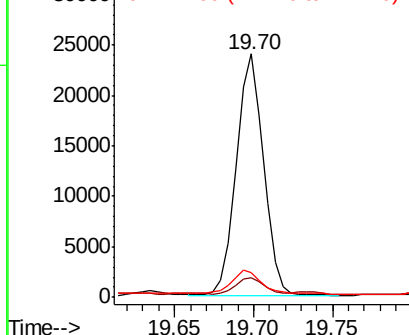


Abundance

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: 5.067 ng
 RT: 21.24 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BN007862.D
 Acq: 25 Sep 2019 20:04

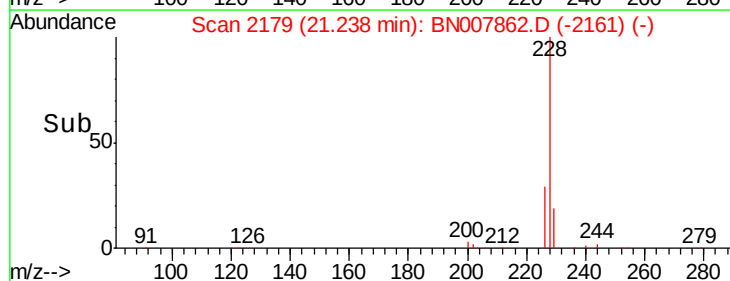
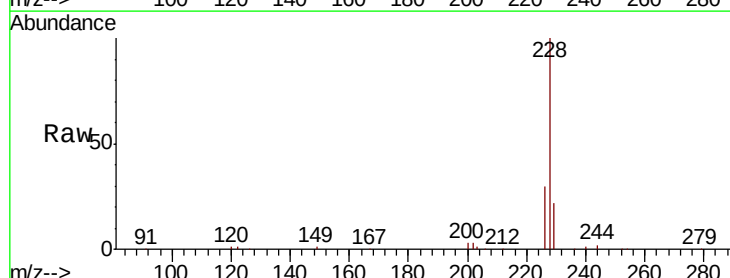
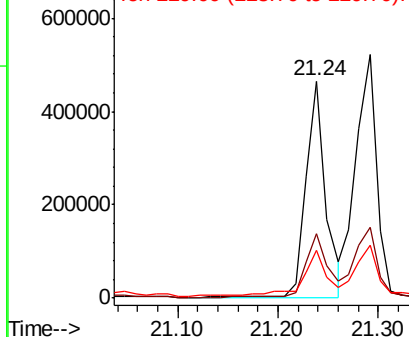
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	22.1	15.8	23.6

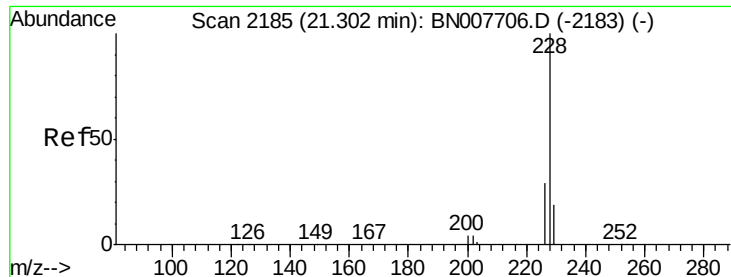
Abundance

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





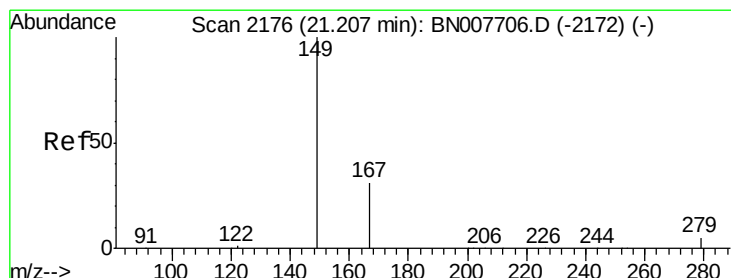
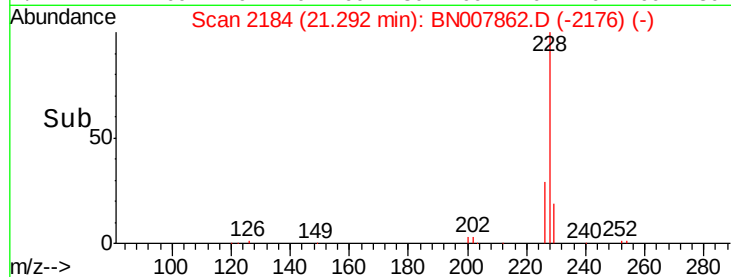
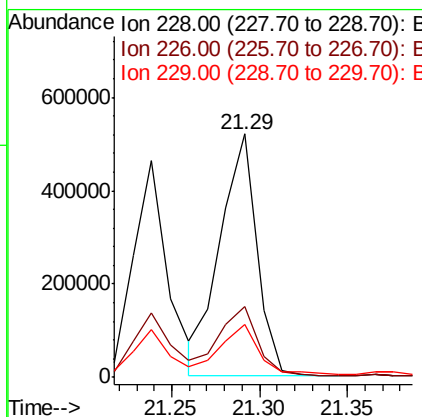
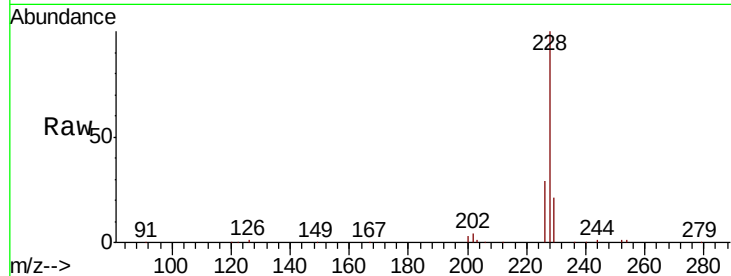
#31
Chrysene
Concen: 6.072 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	750795		
226	29.1		23.9	35.9
229	21.5		15.8	23.6

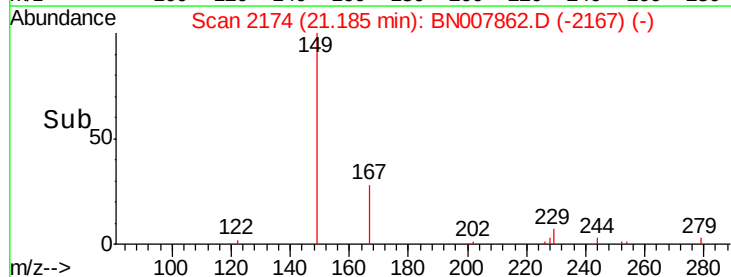
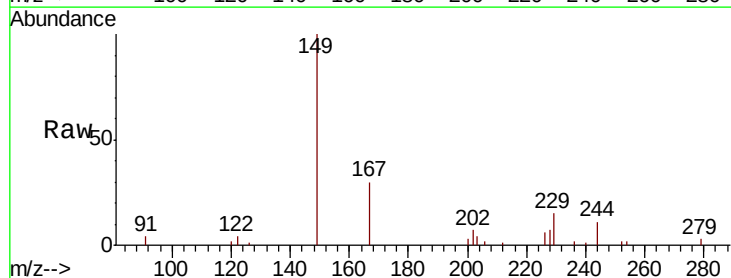
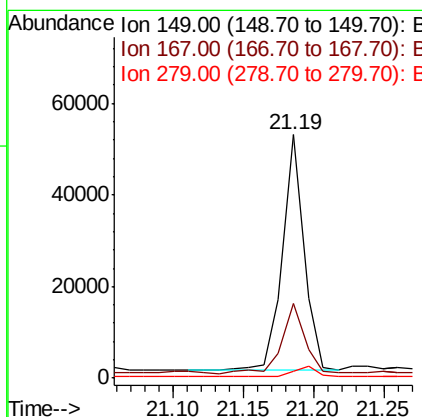
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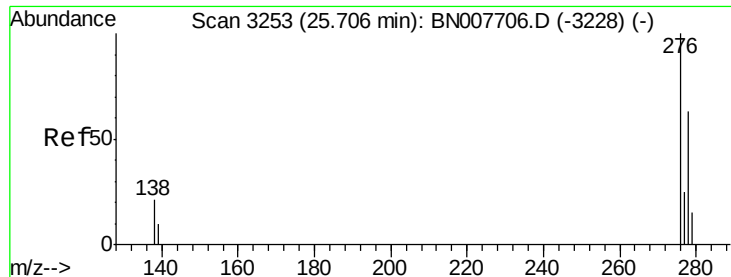
mohammad
9/27/2019 8:27:59 AM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.839 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	54747		
167	31.8		23.7	35.5
279	5.2		4.2	6.2





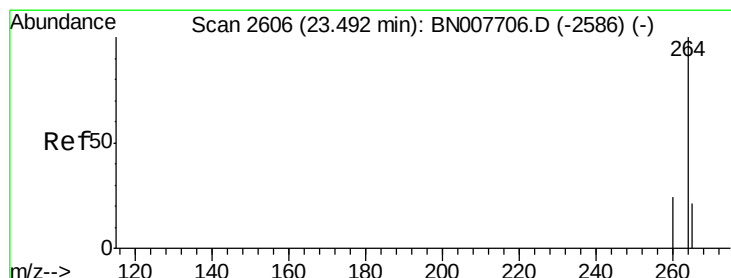
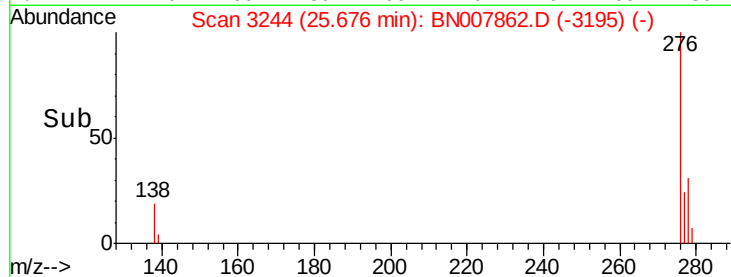
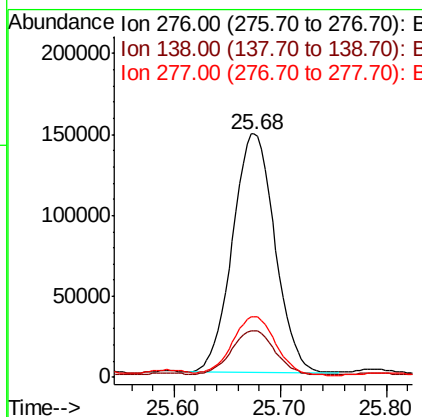
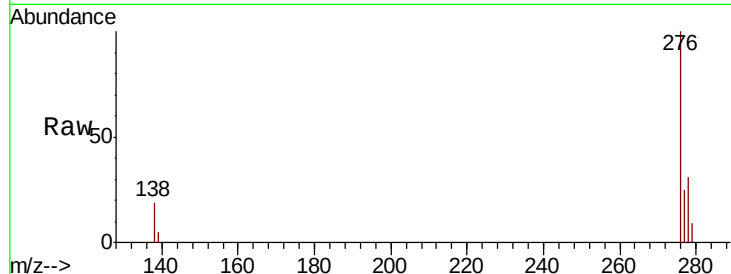
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.656 ng
 RT: 25.68 min Scan# 3244
 Delta R.T. -0.03 min
 Lab File: BN007862.D
 Acq: 25 Sep 2019 20:04

Instrument :
 BNA_N
 ClientSampleId :
 PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.1	25.7
277	24.9	20.0	30.0

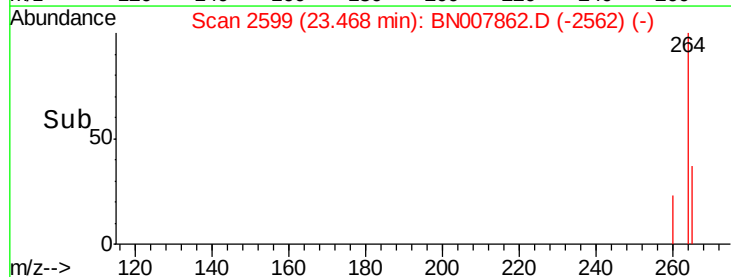
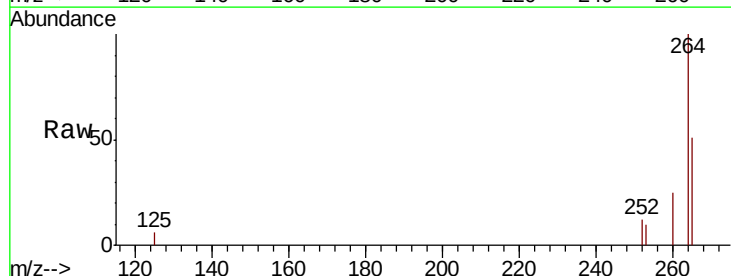
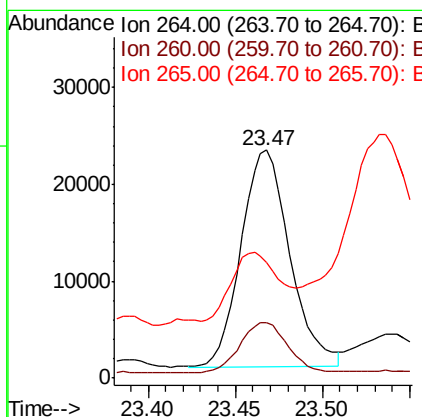
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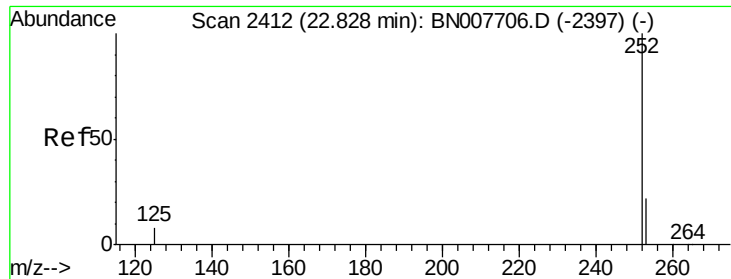
mohammad
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2599
 Delta R.T. -0.02 min
 Lab File: BN007862.D
 Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	50.6	26.9	40.3#





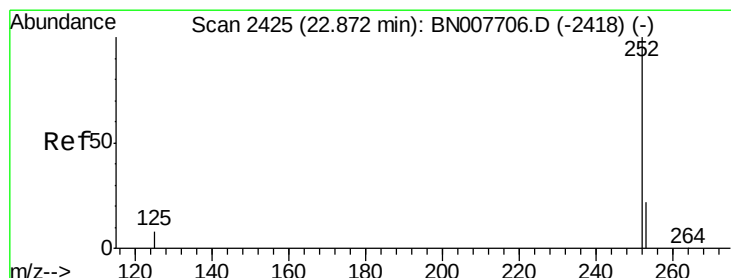
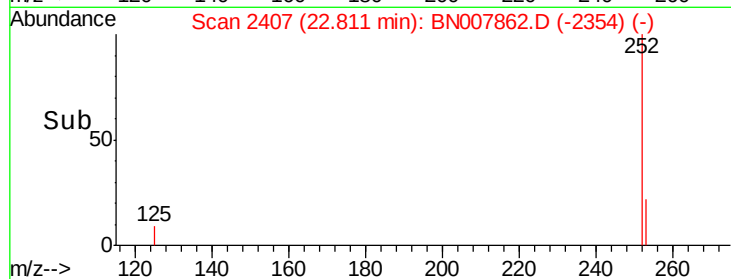
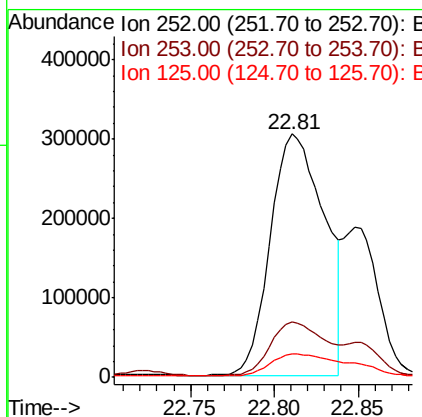
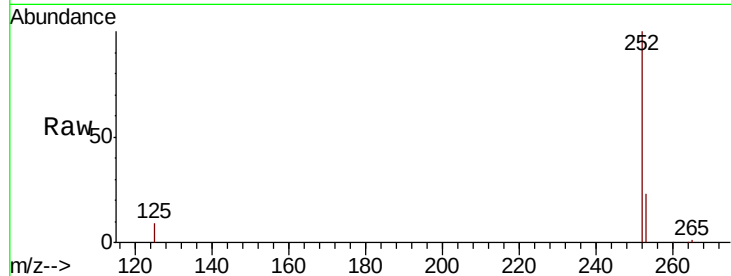
#35
Benzo(b)fluoranthene
Concen: 4.453 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	9.4	8.2	12.4

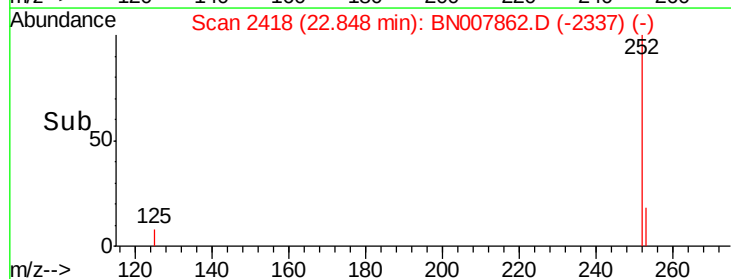
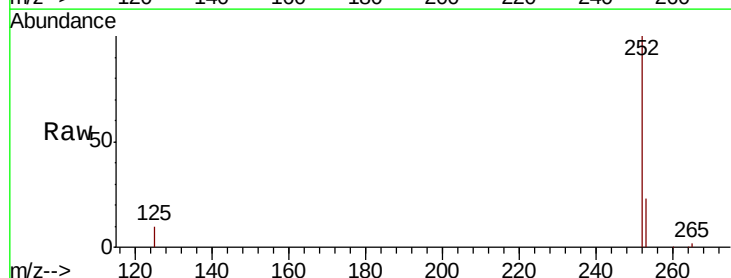
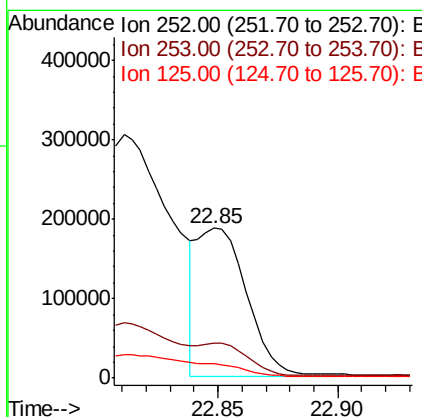
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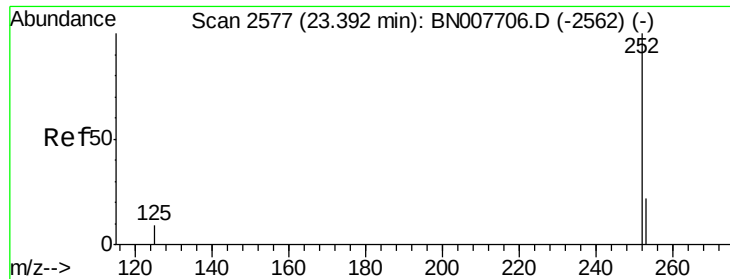
mohammad
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#36
Benzo(k)fluoranthene
Concen: 1.802 ng m
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	9.6	8.4	12.6





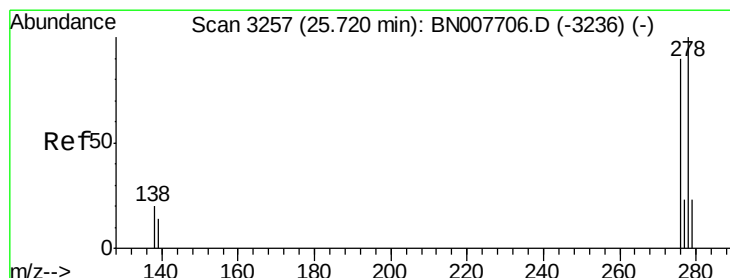
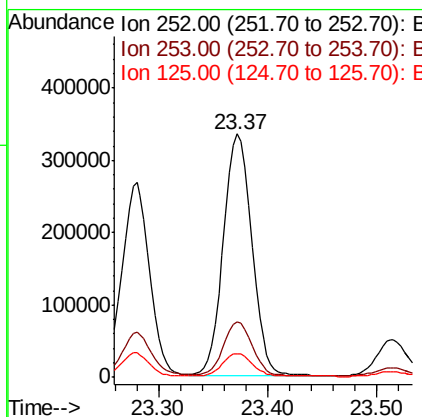
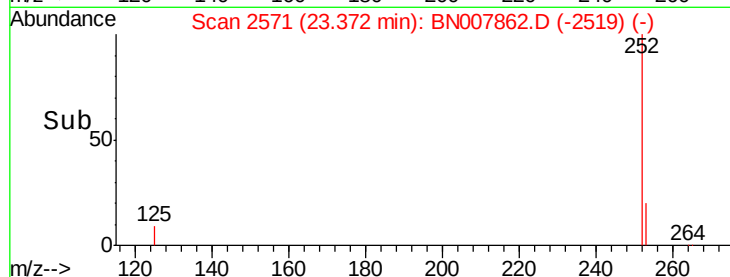
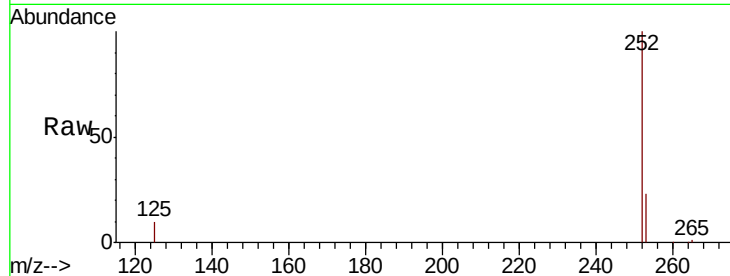
#37
Benzo(a)pyrene
Concen: 4.187 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Instrument :
BNA_N
ClientSampleId :
PST-B231-091919-1MSD

Tot Ion:	252	Resp:	602541
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.6	27.8
125	9.8	9.4	14.0

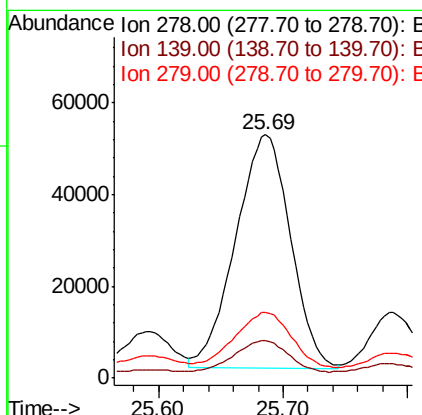
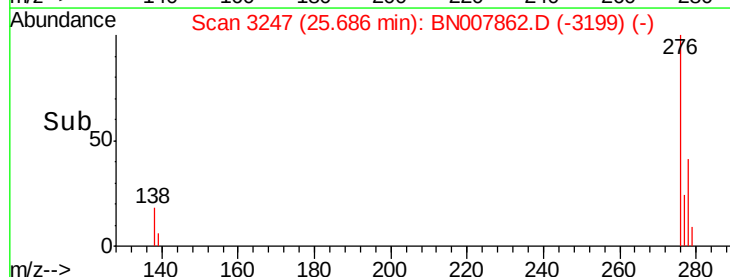
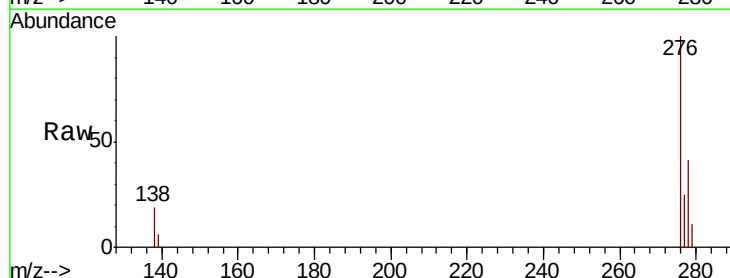
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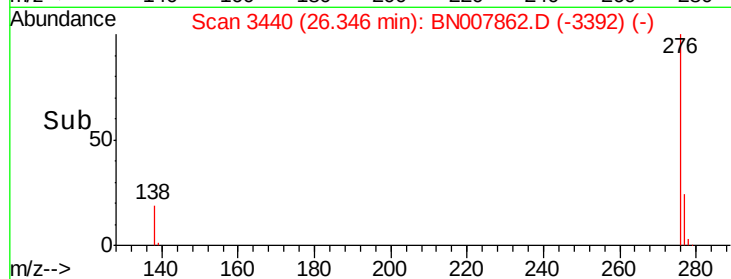
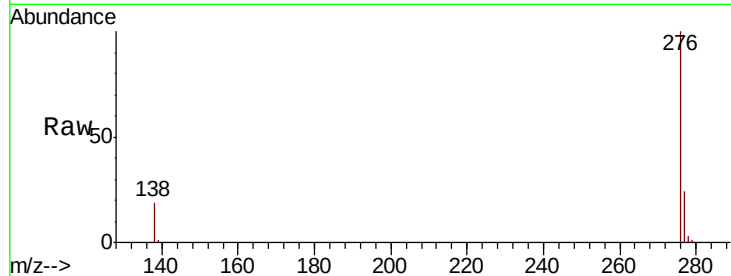
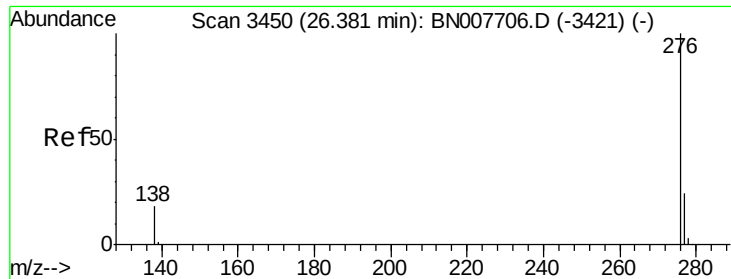
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 1.062 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007862.D
Acq: 25 Sep 2019 20:04

Tgt Ion:	278	Resp:	156386
Ion Ratio	Lower	Upper	
278	100		
139	15.6	11.8	17.6
279	27.2	19.4	29.2





#39

Benzo(a,h,i)perylene

Concen: 3.372 ng

RT: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN007862.D

Acq: 25 Sep 2019 20:04

Tot Ion:	276	Resp:	491254
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.8	29.8
138	19.0	15.1	22.7

Instrument :

BNA_N

ClientSampleId :

PST-B231-091919-1MSD

Manual Integrations
APPROVED

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9/27/2019 8:27:59 AM

