

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
 Data File : BN007370.D
 Acq On : 24 Aug 2019 19:06
 Operator : HP/JU
 Sample : K4471-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 N3-SB1-1.0-1.5-082119MSD

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:40:15 PM

Quant Time: Aug 25 00:32:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 24 00:38:17 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4877	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	19530	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	9910	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	20710	0.40	ng	0.00
27) Chrysene-d12	21.02	240	22316	0.40	ng	0.00
34) Perylene-d12	23.13	264	26494	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.04	112	5646	0.33	ng	0.00
5) Phenol-d6	6.59	99	6859	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	5290	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	8839m	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1563	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	10700	0.27	ng	0.00
25) Fluoranthene-d10	18.84	212	15097	0.23	ng	0.00
29) Terphenyl-d14	19.47	244	10551	0.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	2100	0.259	ng	# 95
3) n-Nitrosodimethylamine	3.31	42	1302	0.346	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	5799	0.329	ng	96
9) Naphthalene	10.20	128	19772	0.354	ng	# 91
10) Hexachlorobutadiene	10.51	225	3709	0.324	ng	# 98
12) 2-Methylnaphthalene	11.83	142	13434	0.353	ng	98
16) Acenaphthylene	13.76	152	20472	0.349	ng	99
17) Acenaphthene	14.11	154	12861	0.375	ng	98
18) Fluorene	15.10	166	15538	0.358	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2770	0.339	ng	92
21) Hexachlorobenzene	16.11	284	4920	0.354	ng	97
22) Pentachlorophenol	16.46	266	1905	0.442	ng	# 65
23) Phenanthrene	16.84	178	40259	0.646	ng	98
24) Anthracene	16.93	178	25995	0.415	ng	98
26) Fluoranthene	18.87	202	61747	0.772	ng	100
28) Pyrene	19.24	202	58824	0.655	ng	97
30) Benzo(a)anthracene	21.00	228	48350	0.552	ng	98
31) Chrysene	21.06	228	47317	0.559	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	21800	0.365	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	50926	0.500	ng	99
35) Benzo(b)fluoranthene	22.51	252	54461m	0.567	ng	
36) Benzo(k)fluoranthene	22.55	252	44203	0.466	ng	98
37) Benzo(a)pyrene	23.03	252	48524	0.531	ng	# 95
38) Dibenzo(a,h)anthracene	25.20	278	35814	0.393	ng	# 92
39) Benzo(g,h,i)perylene	25.82	276	45604	0.502	ng	97

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

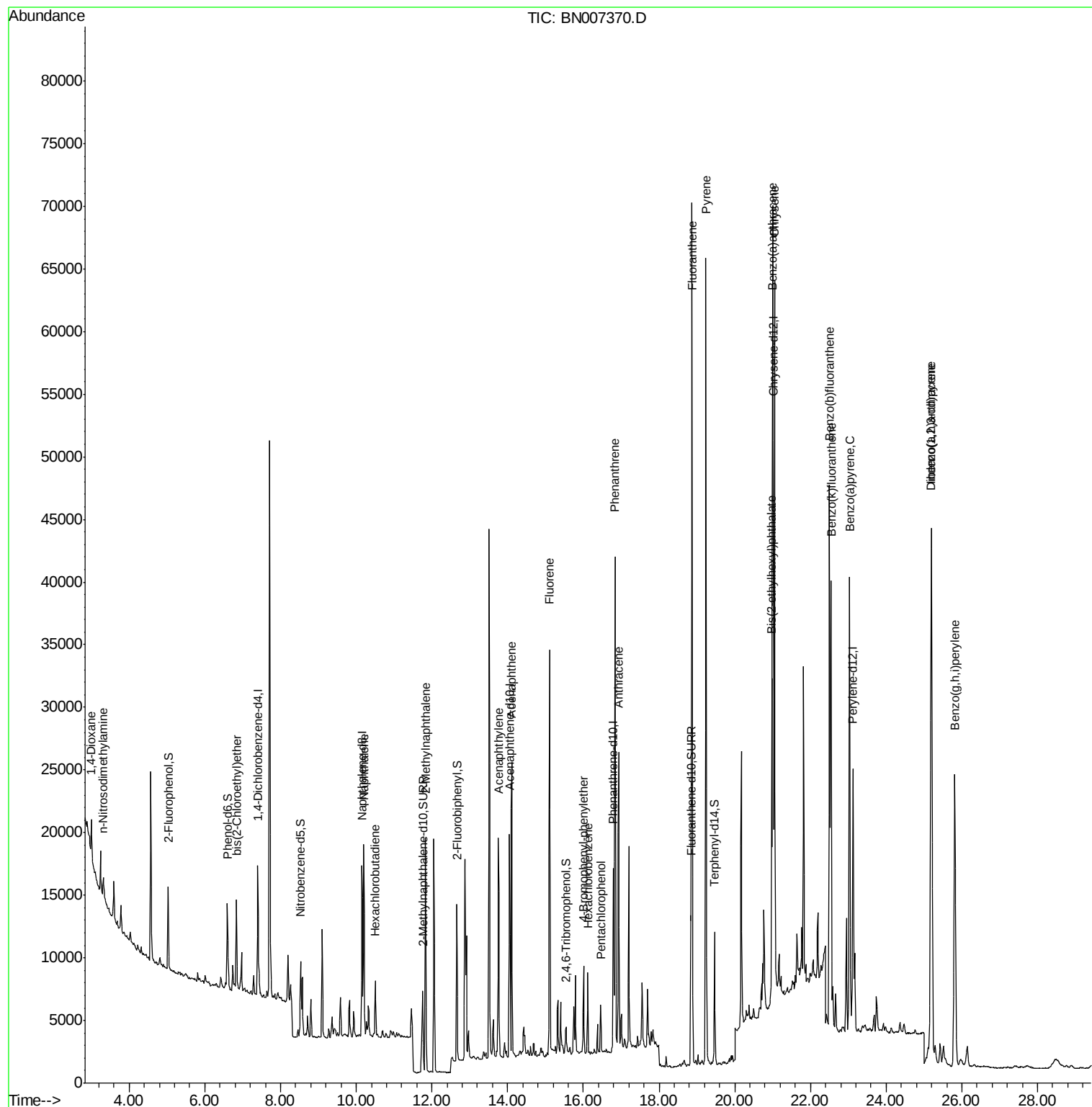
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007370.D
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Operator : HP/JU
Sample : K4471-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

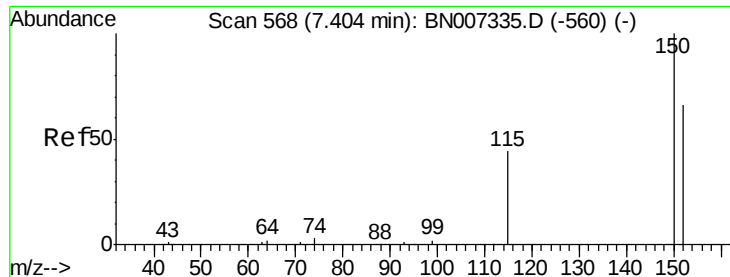
Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

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#1

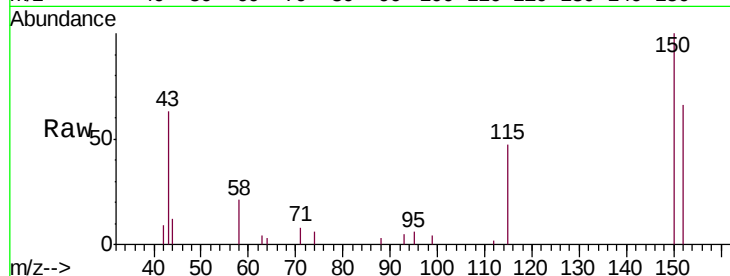
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

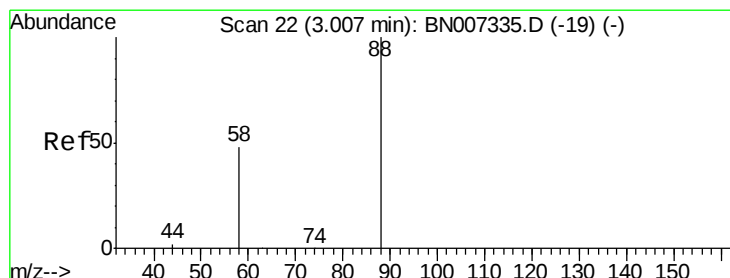
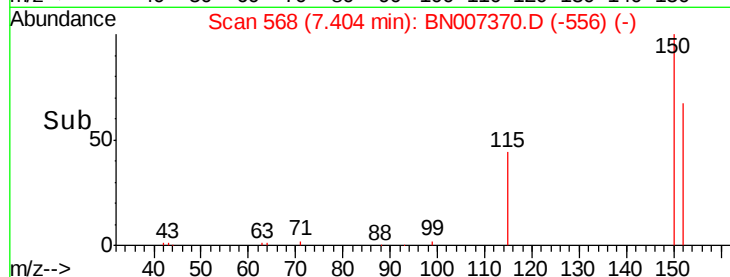
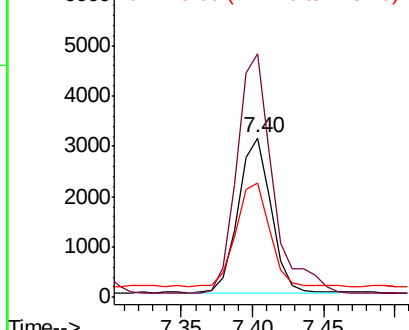
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	109.1	163.7
115	71.3	59.6	89.4

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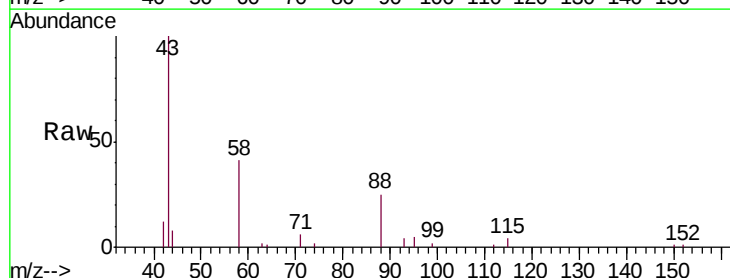
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



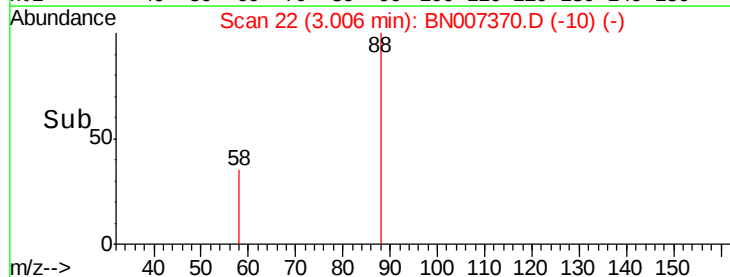
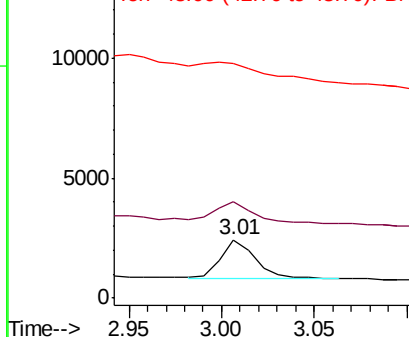
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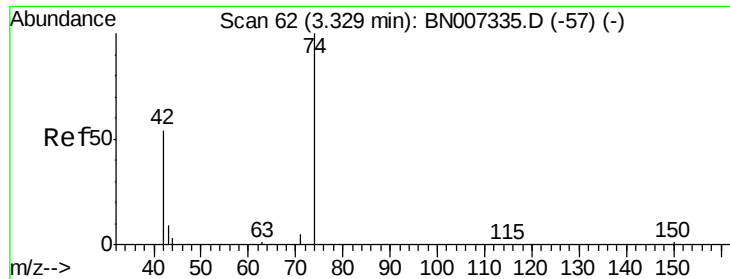
1,4-Dioxane
Concen: 0.259 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	50.5	75.7
43	0.0	0.0	0.0



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: 0.346 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

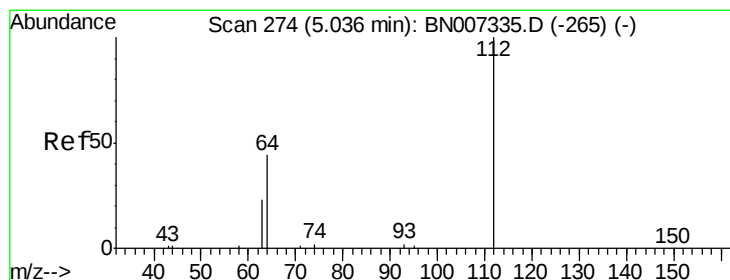
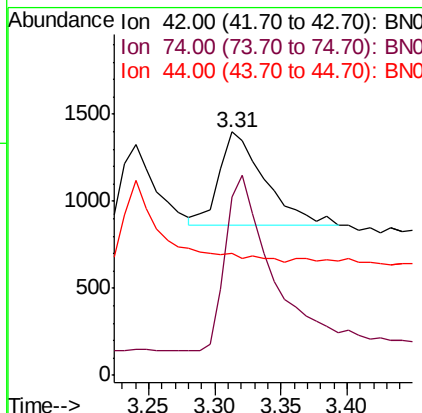
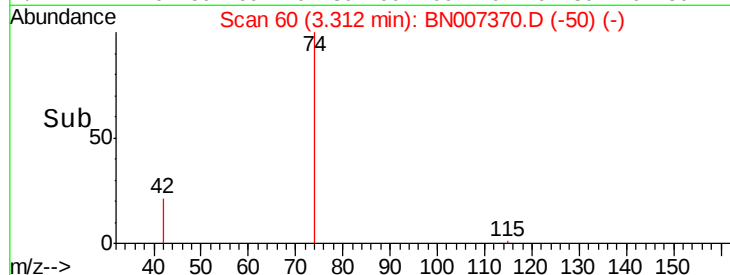
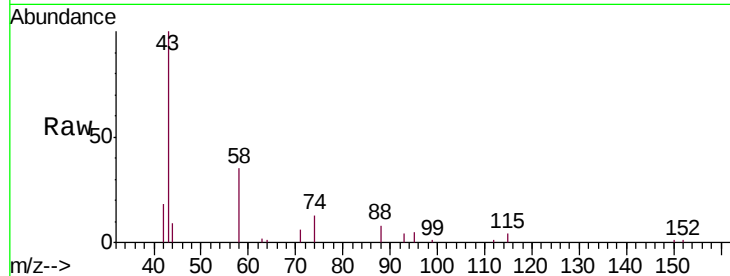
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion:	42	Resp:	1302
Ion	Ratio	Lower	Upper
42	100		
74	192.9	144.7	217.1
44	0.0	3.2	4.8#

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#4

2-Fluorophenol

Concen: 0.328 ng

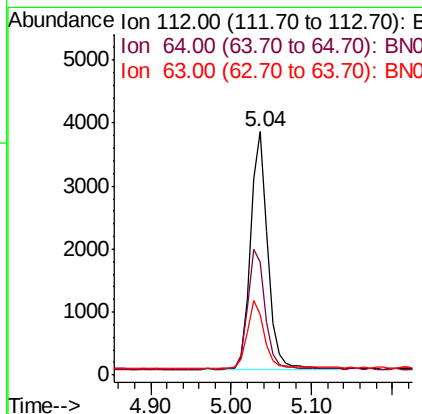
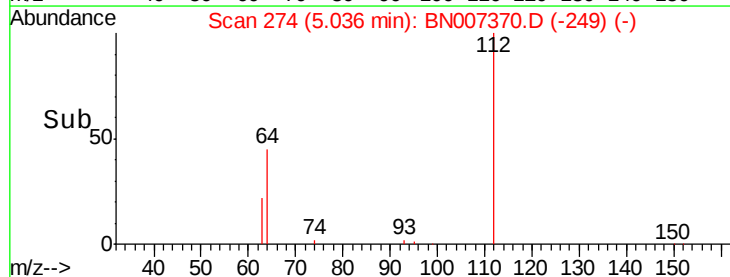
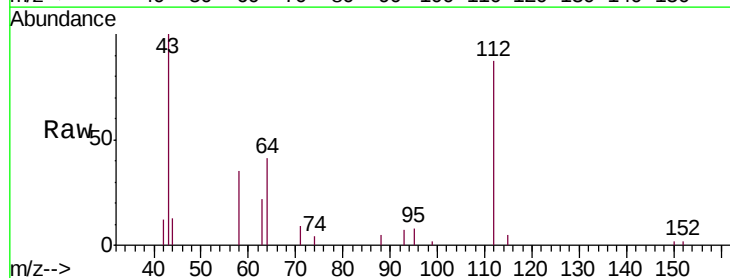
RT: 5.04 min Scan# 274

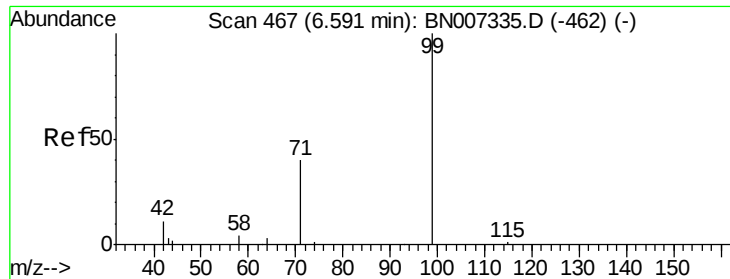
Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion:	112	Resp:	5646
Ion	Ratio	Lower	Upper
112	100		
64	51.4	42.3	63.5
63	28.0	23.6	35.4





#5

Phenol-d6

Concen: 0.312 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

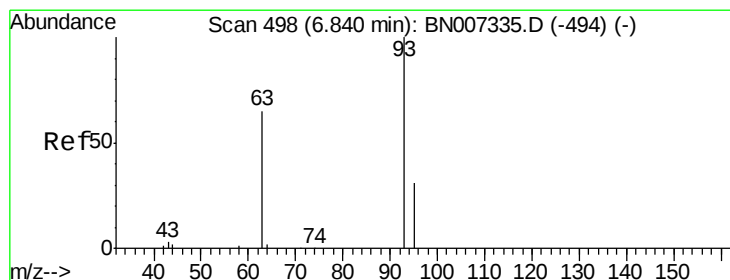
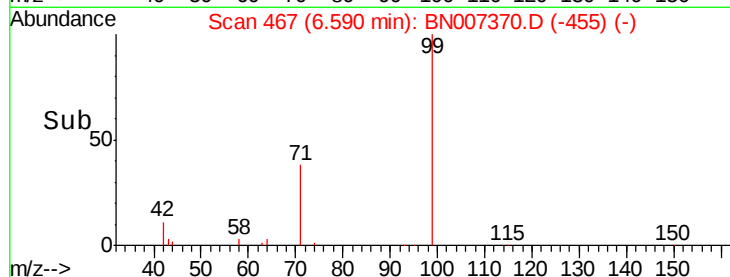
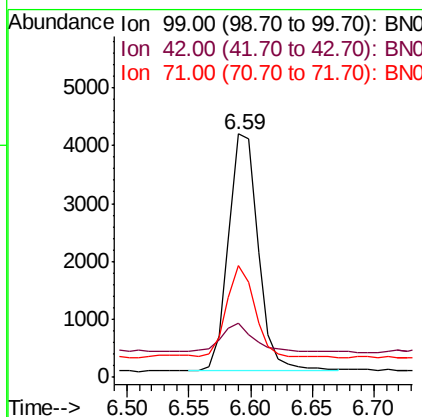
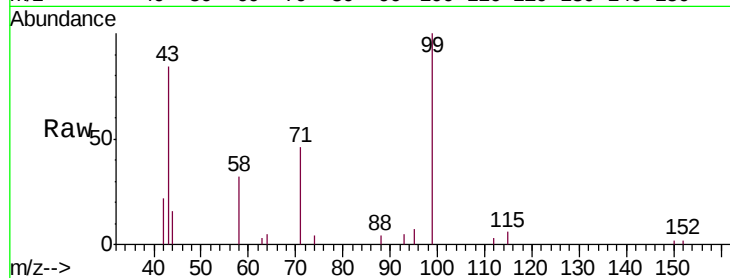
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion:	99	Resp:	6859
Ion	Ratio	Lower	Upper
99	100		
42	12.6	11.2	16.8
71	37.8	31.8	47.8

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#6

bis(2-Chloroethyl)ether

Concen: 0.329 ng

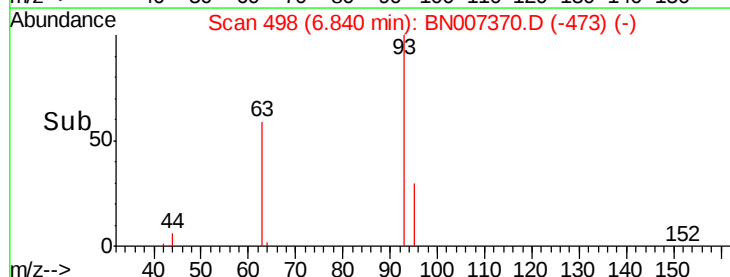
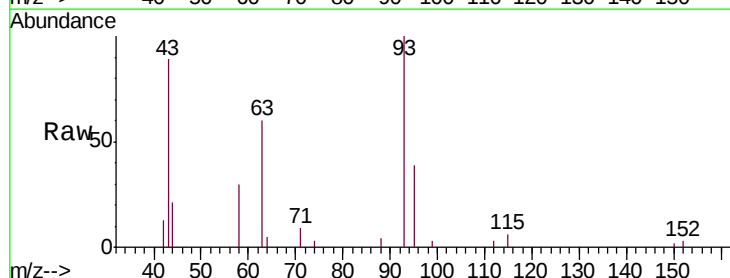
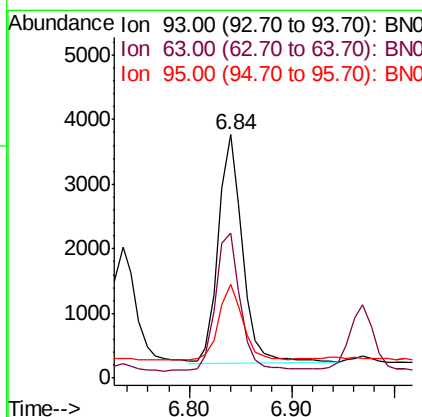
RT: 6.84 min Scan# 498

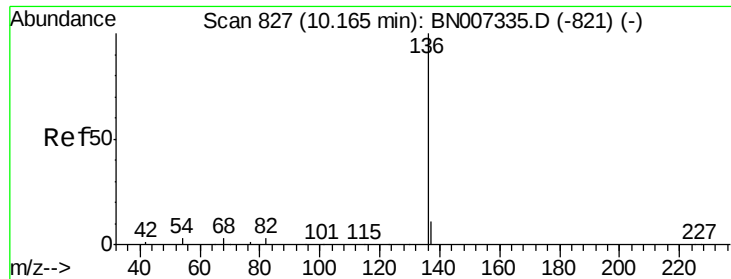
Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion:	93	Resp:	5799
Ion	Ratio	Lower	Upper
93	100		
63	61.8	51.9	77.9
95	32.2	27.7	41.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

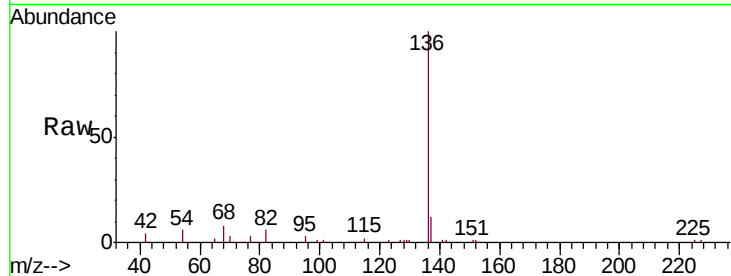
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

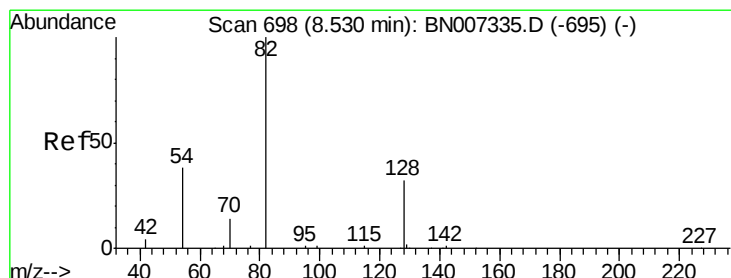
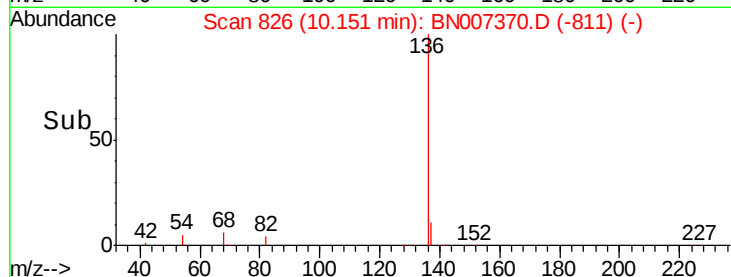
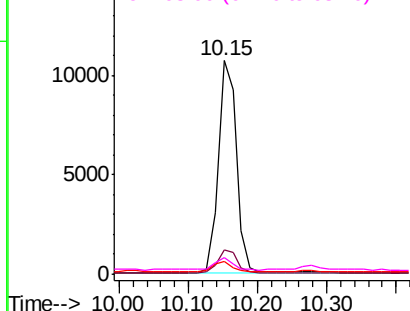
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	5.9	8.6	12.8#
68	7.7	17.0	25.4#

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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: 0.311 ng

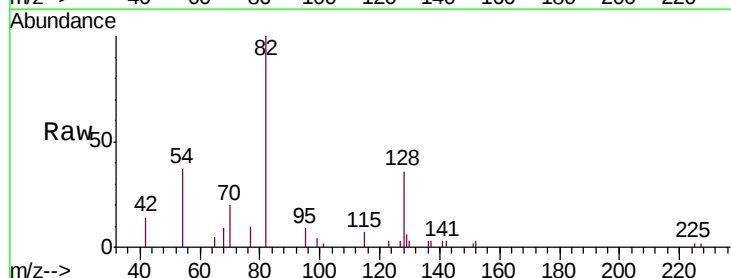
RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

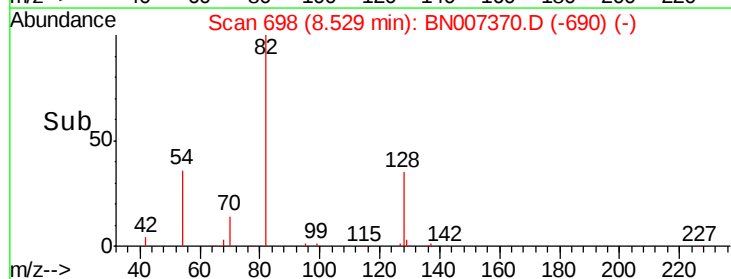
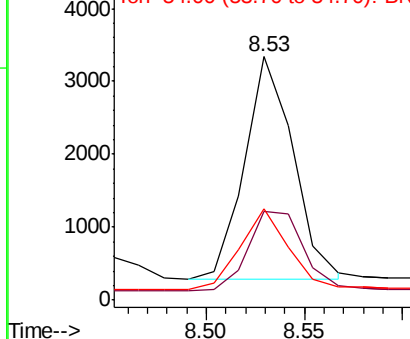
Lab File: BN007370.D

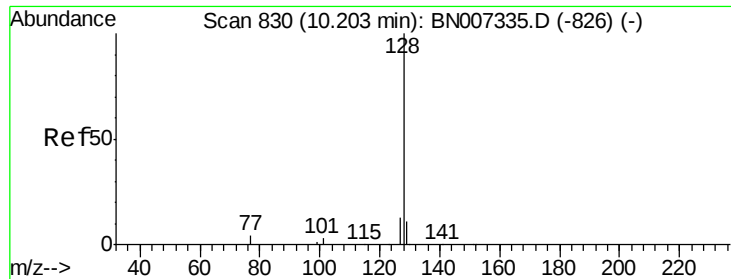
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	19.7	29.5#
54	37.4	25.8	38.6



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: 0.354 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

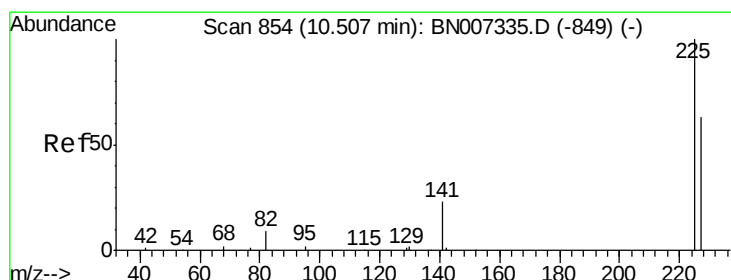
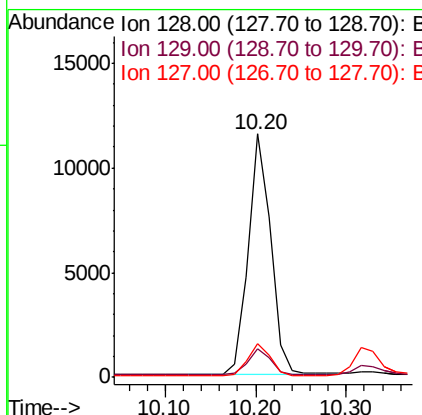
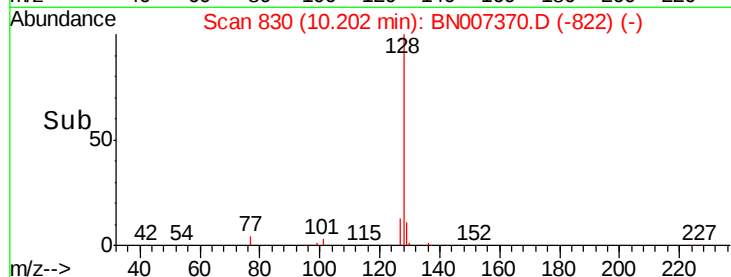
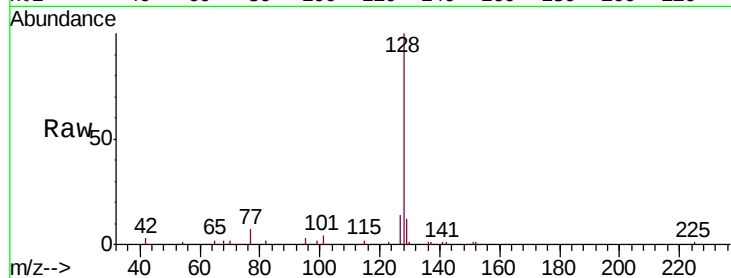
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion:	128	Resp:	19772
Ion Ratio	Lower	Upper	
128	100		
129	11.7	11.1	16.7
127	14.1	15.5	23.3#

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#10

Hexachlorobutadiene

Concen: 0.324 ng

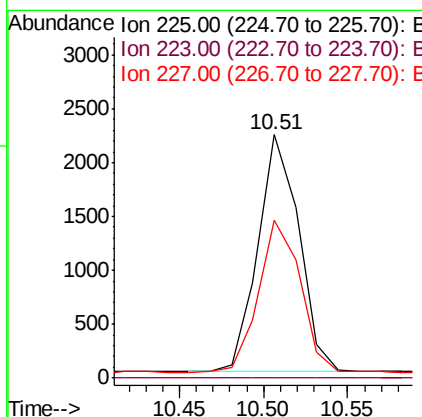
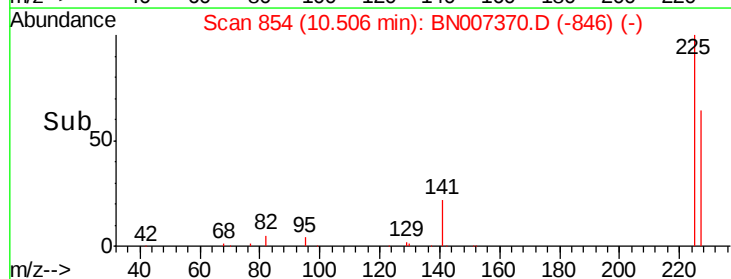
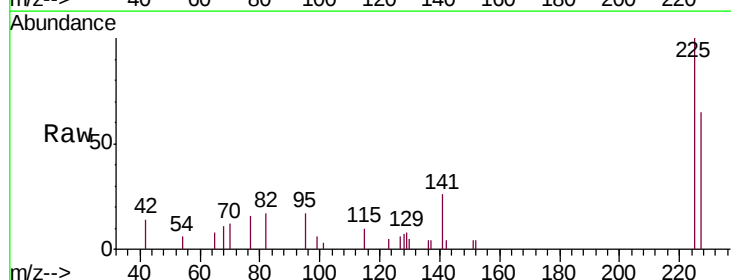
RT: 10.51 min Scan# 854

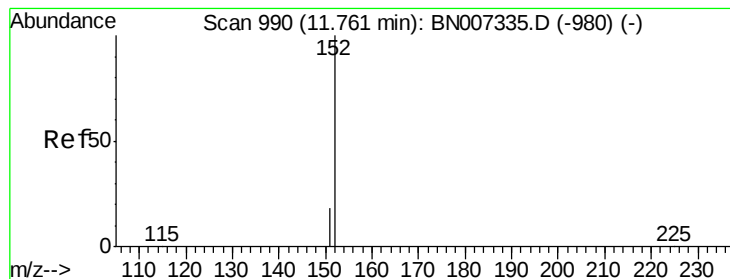
Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion:	225	Resp:	3709
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	65.0	50.7	76.1





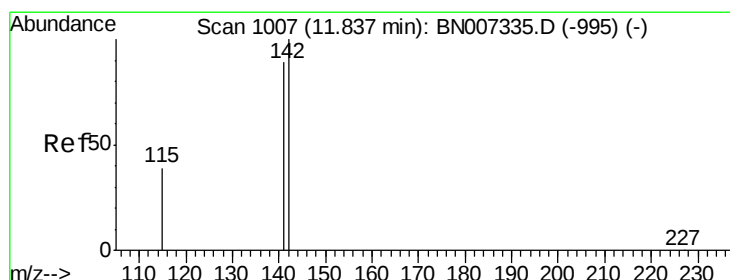
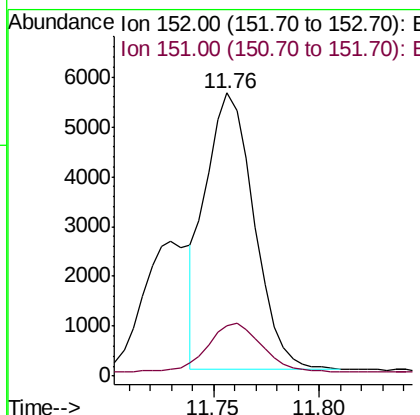
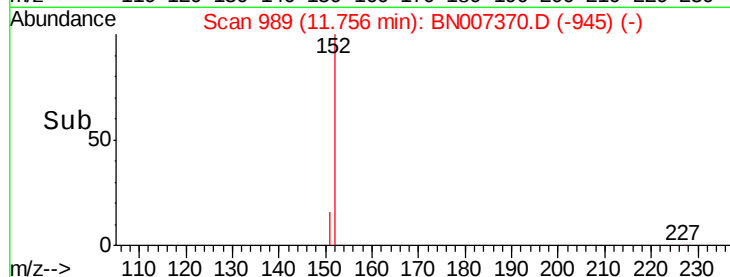
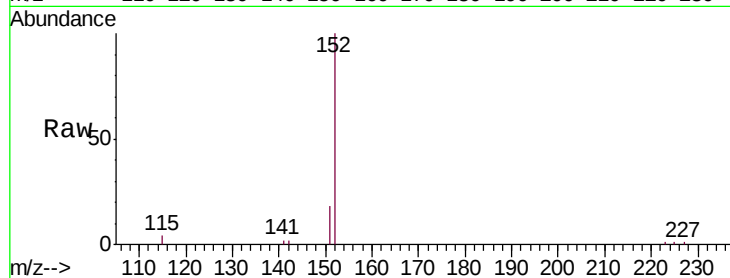
#11
2-Methylnaphthalene-d10
Concen: 0.272 ng/ml
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2

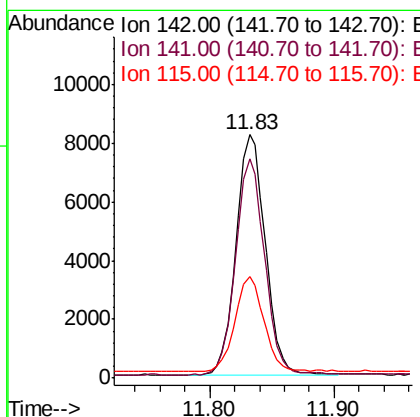
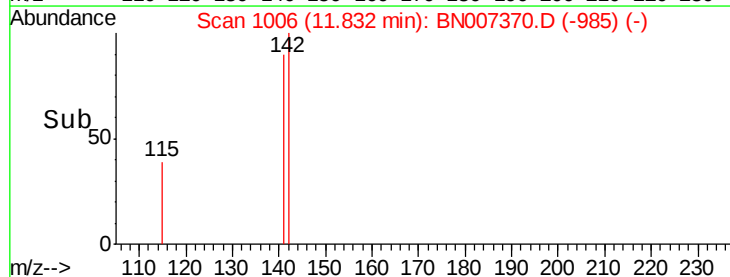
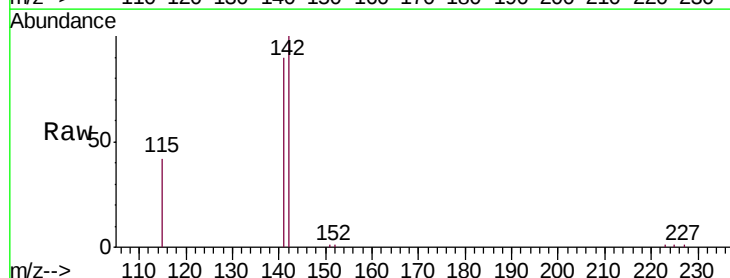
Manual Integrations
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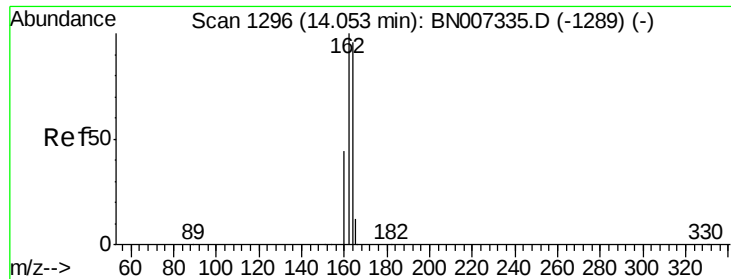
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#12
2-Methylnaphthalene
Concen: 0.353 ng/ml
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.8	109.2
115	41.5	35.2	52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

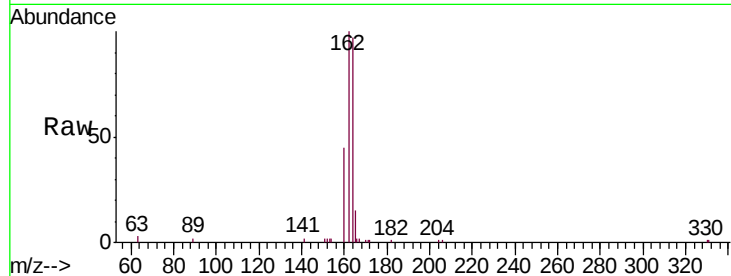
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

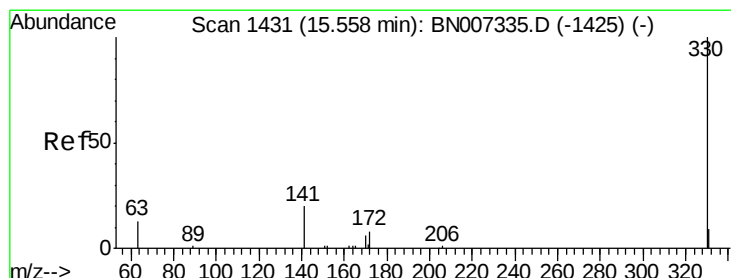
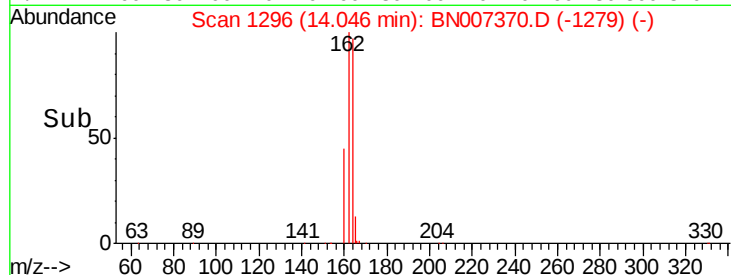
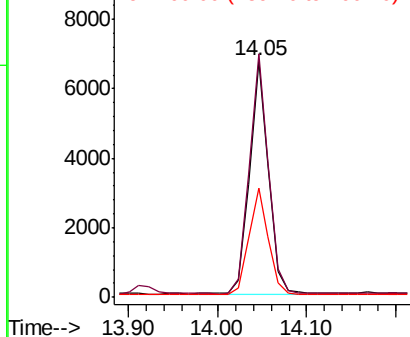
Tot Ion:	164	Resp:	9910
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.5	125.3
160	46.4	38.2	57.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.301 ng

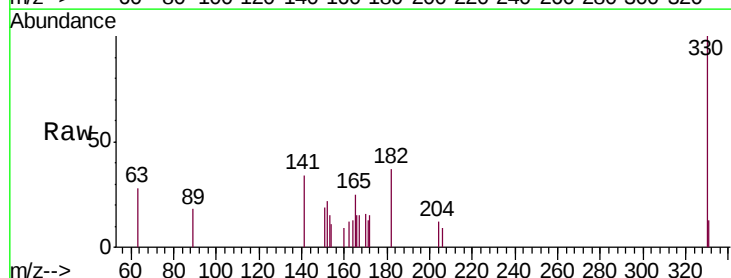
RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

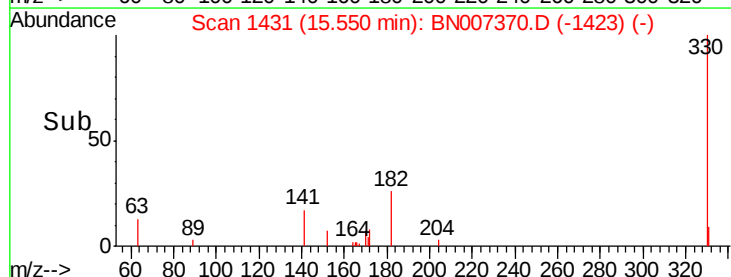
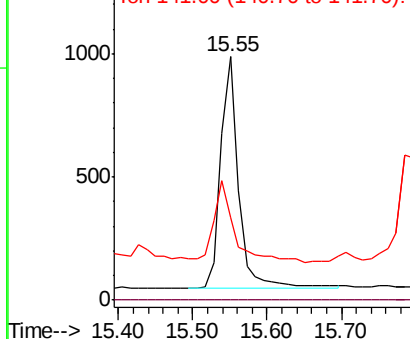
Lab File: BN007370.D

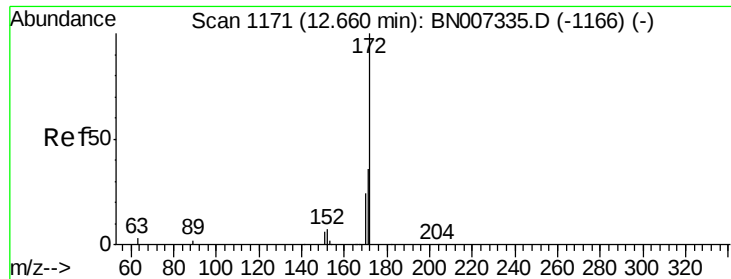
Acq: 24 Aug 2019 19:06

Tgt Ion:	330	Resp:	1563
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	37.9	26.9	40.3



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





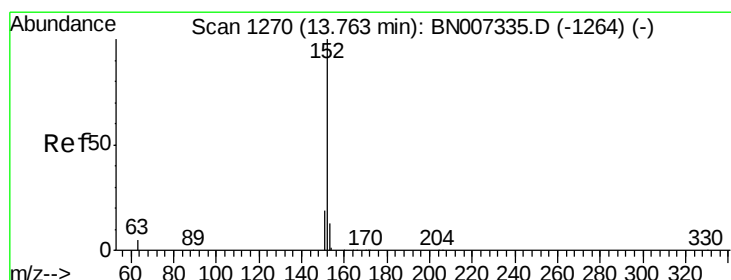
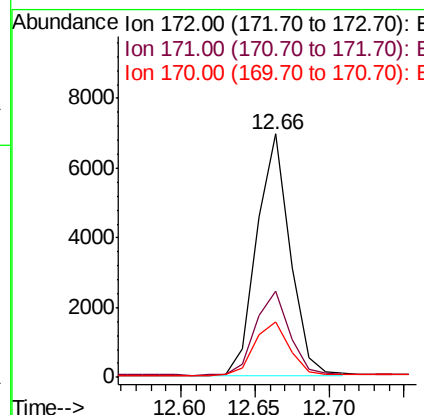
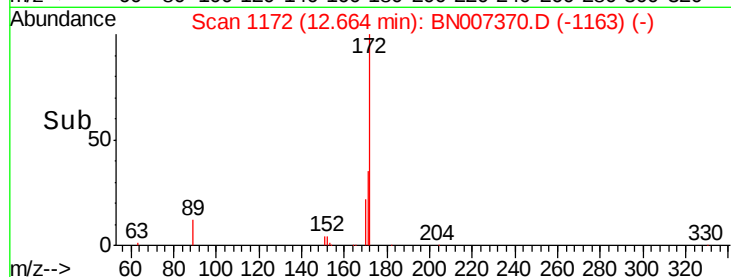
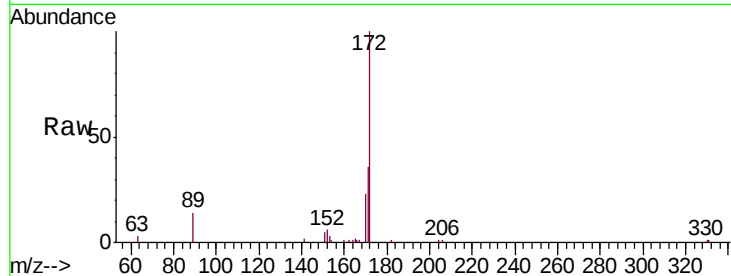
#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.3	45.5
170	22.8	20.7	31.1

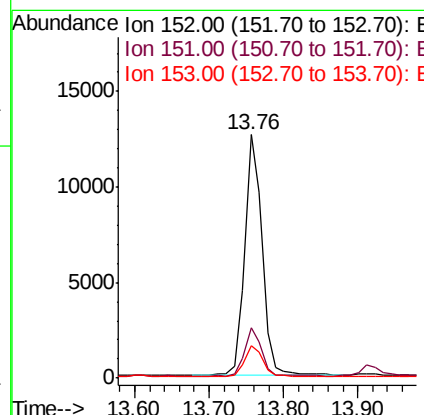
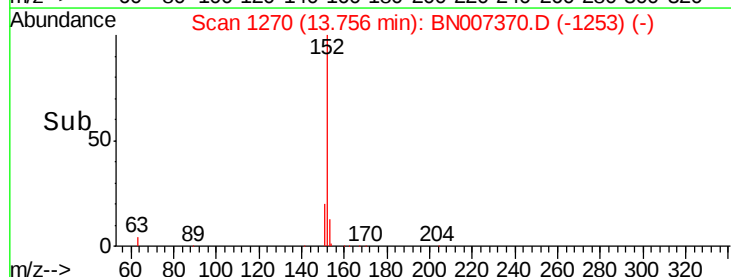
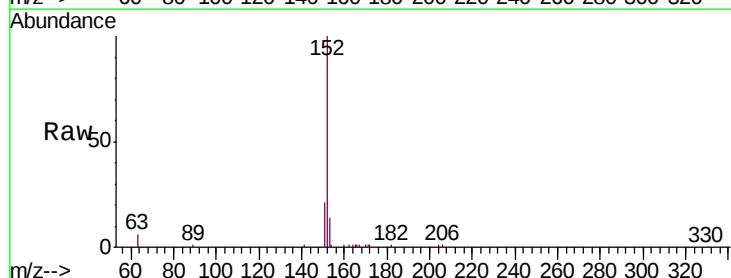
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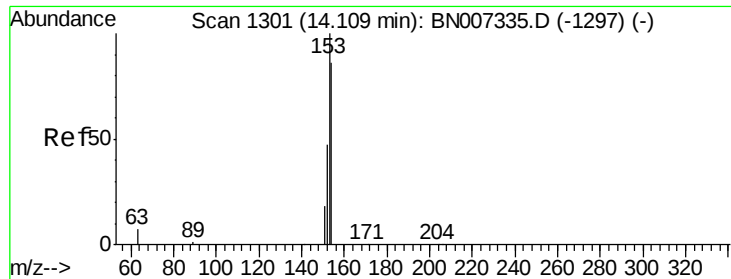
mohammad
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#16
Acenaphthylene
Concen: 0.349 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.9	10.6	15.8





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

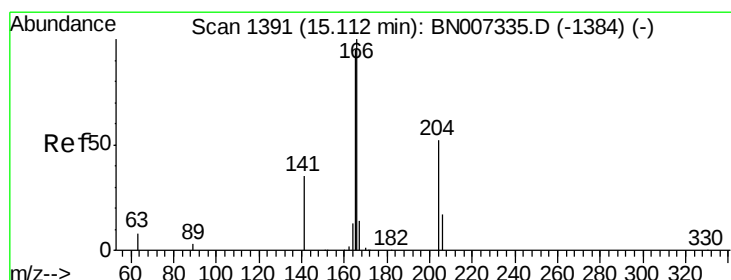
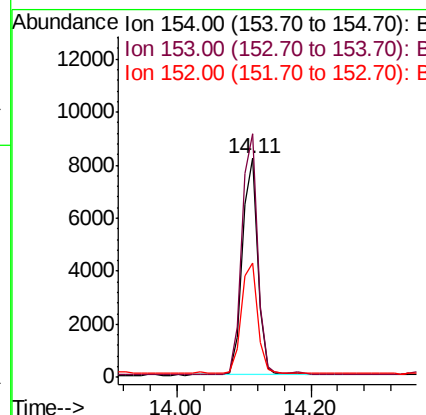
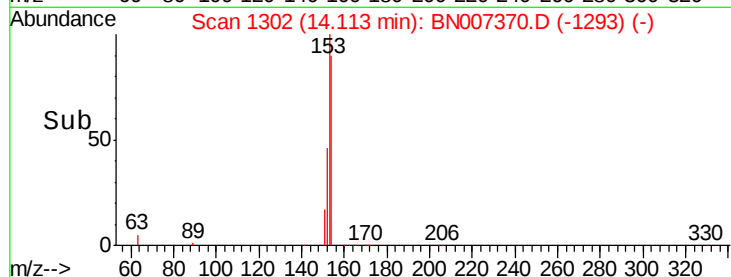
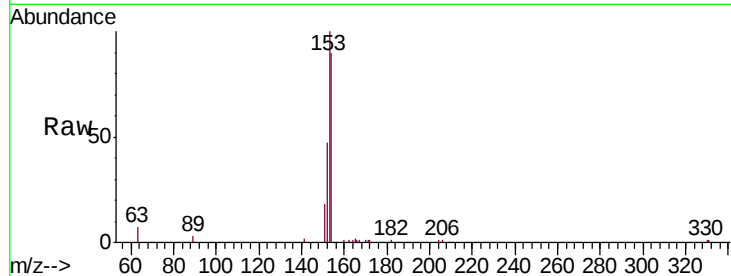
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion:	154	Resp:	12861
Ion Ratio	Lower	Upper	
154	100		
153	113.0	92.8	139.2
152	53.8	43.8	65.8

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#18

Fluorene

Concen: 0.358 ng

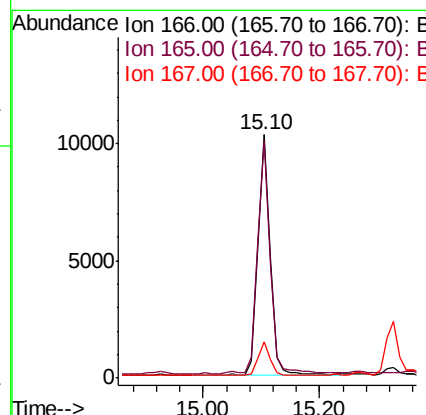
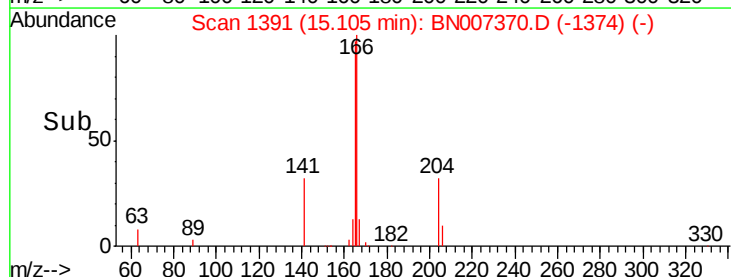
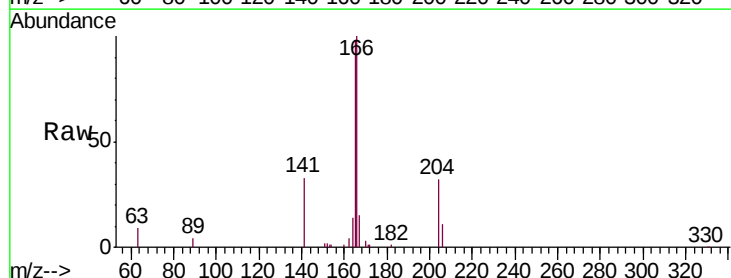
RT: 15.10 min Scan# 1391

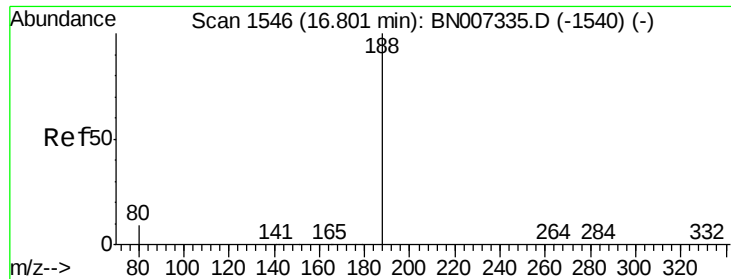
Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion:	166	Resp:	15538
Ion Ratio	Lower	Upper	
166	100		
165	97.3	79.0	118.4
167	14.0	10.6	15.8





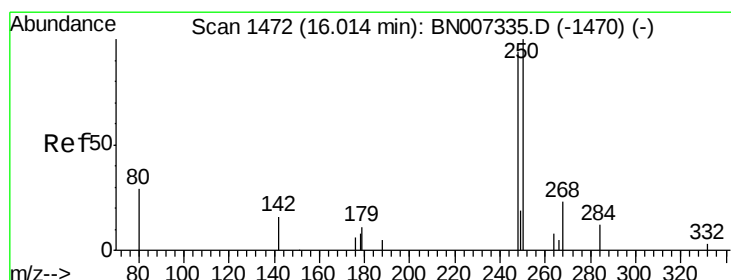
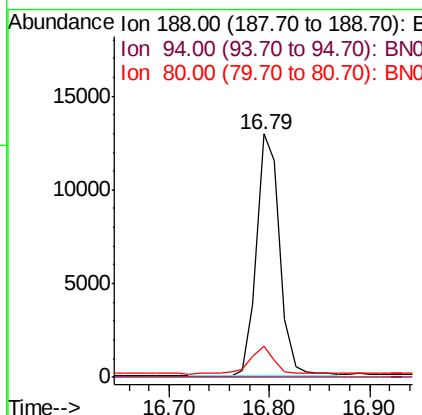
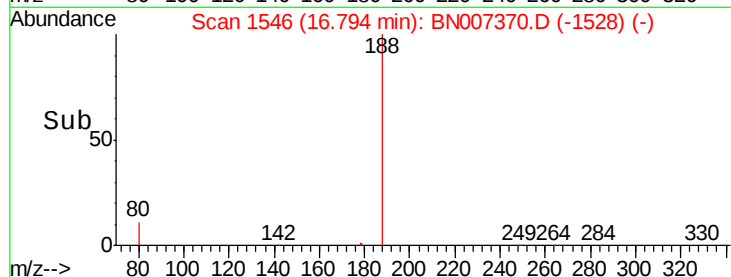
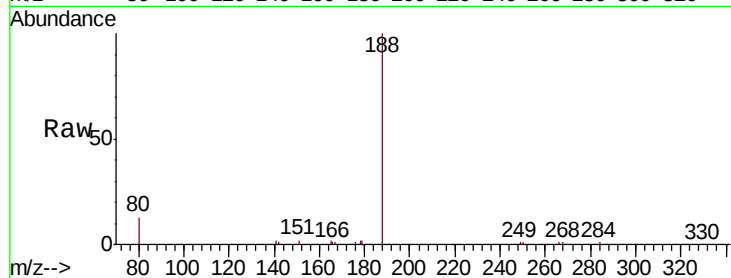
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	11.8	17.8

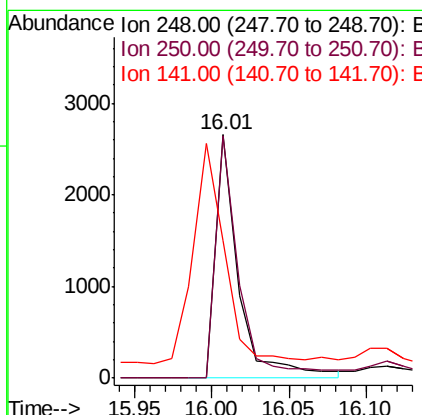
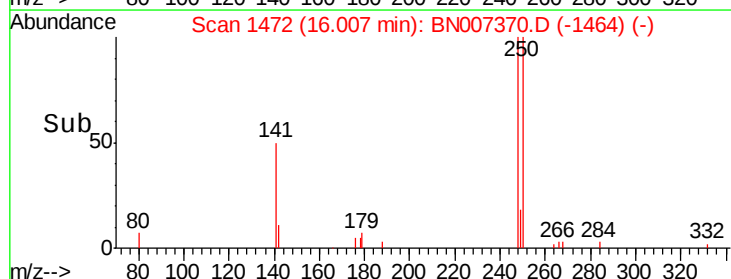
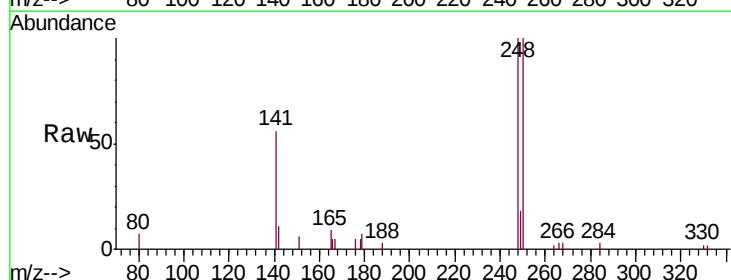
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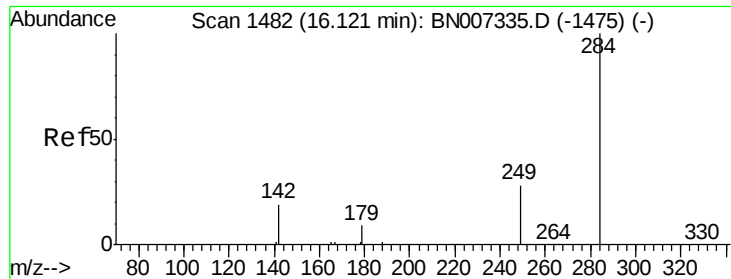
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#20
4-Bromophenyl-phenylether
Concen: 0.339 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	85.0	127.6
141	56.4	51.7	77.5





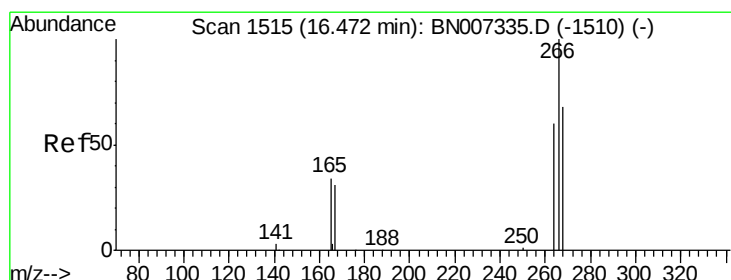
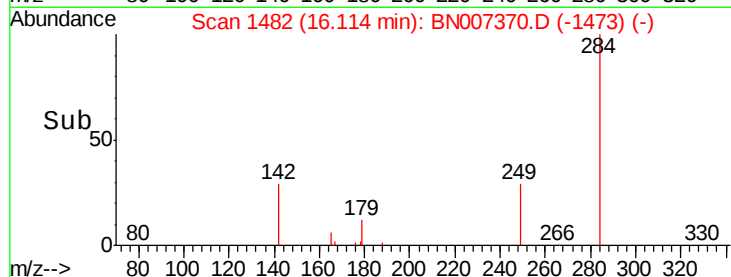
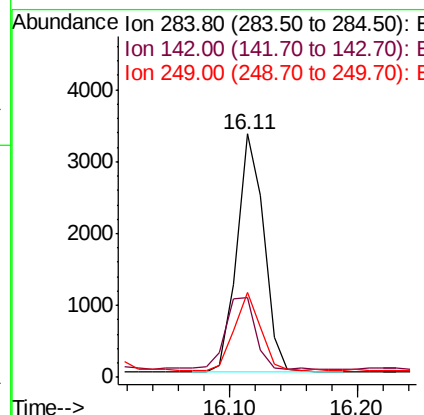
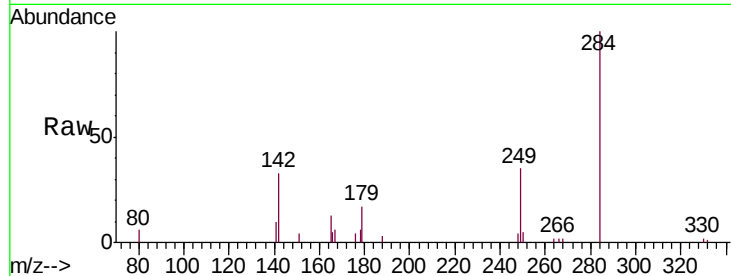
#21
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	29.0	43.6
249	32.0	24.9	37.3

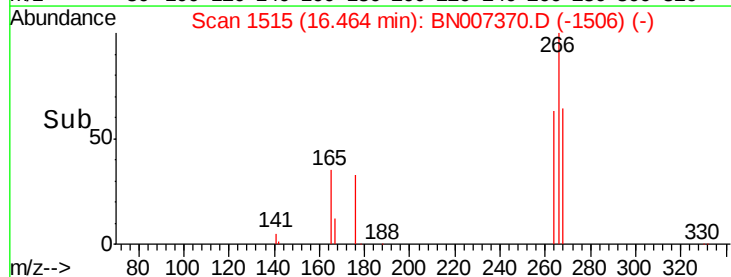
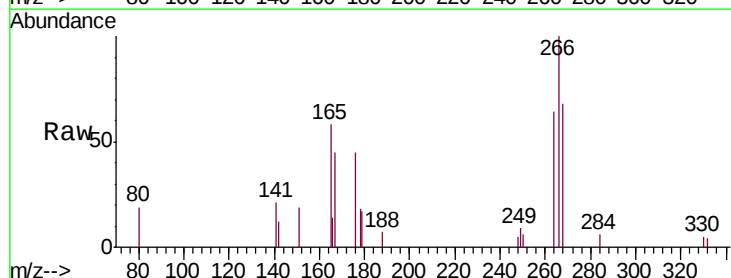
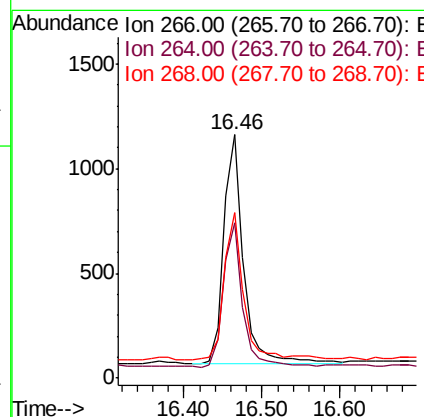
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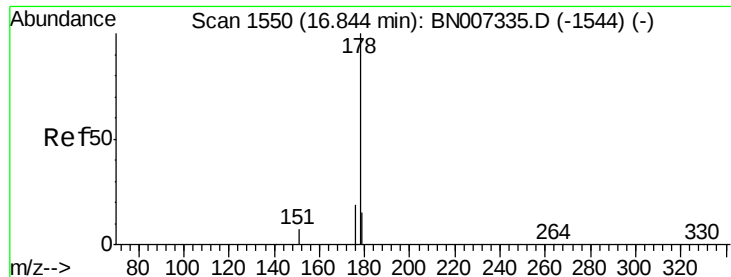
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#22
Pentachlorophenol
Concen: 0.442 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.8	57.8	86.8
268	68.0	99.7	149.5#





#23

Phenanthrene

Concen: 0.646 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

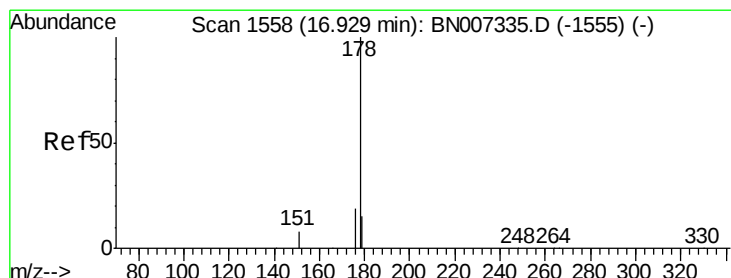
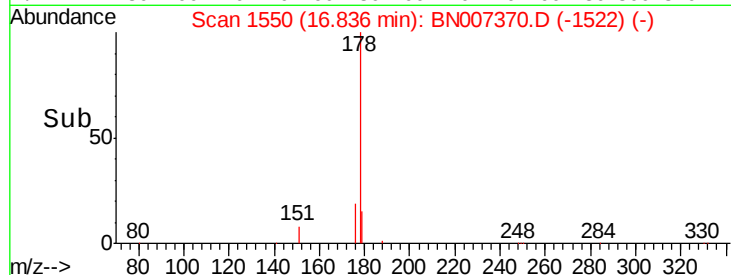
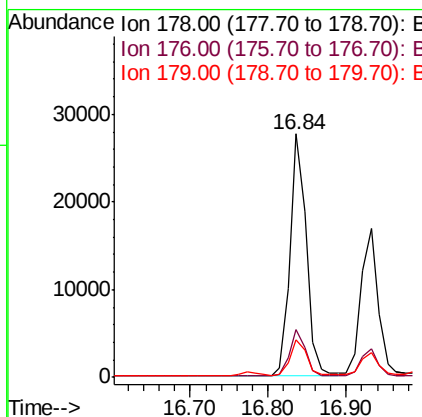
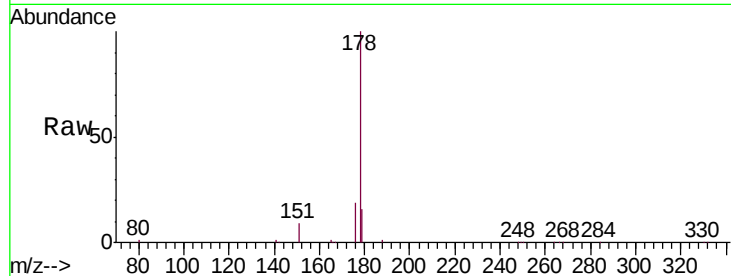
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion:	178	Resp:	40259
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.3	22.9
179	14.8	12.6	19.0

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#24

Anthracene

Concen: 0.415 ng

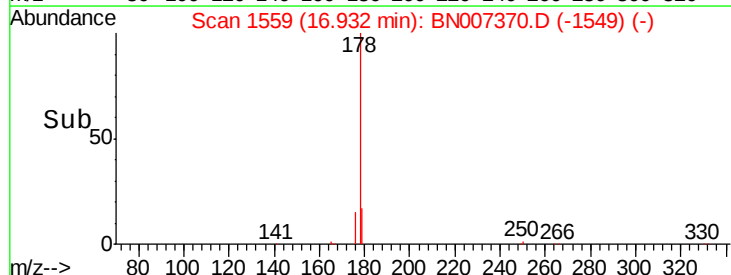
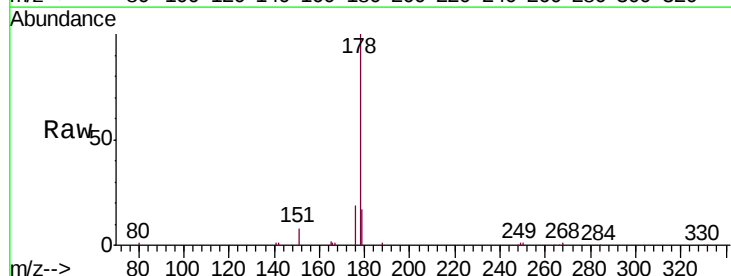
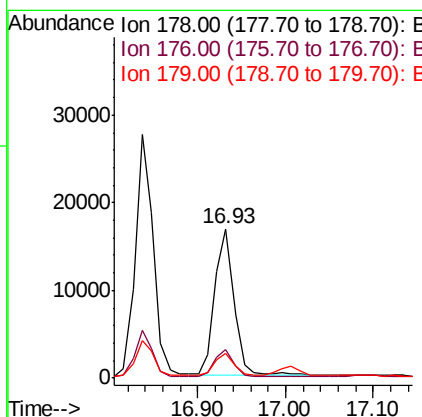
RT: 16.93 min Scan# 1559

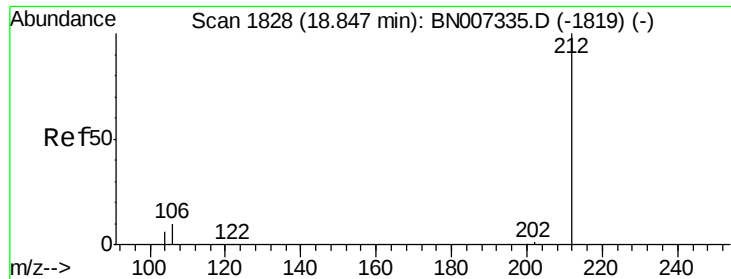
Delta R.T. 0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion:	178	Resp:	25995
Ion Ratio	Lower	Upper	
178	100		
176	17.3	14.9	22.3
179	15.0	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.226 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

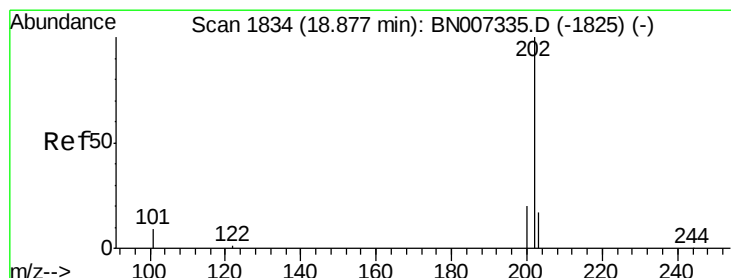
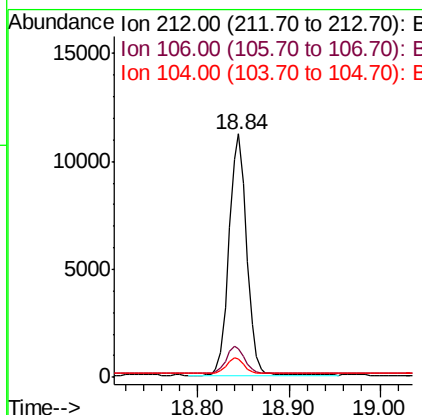
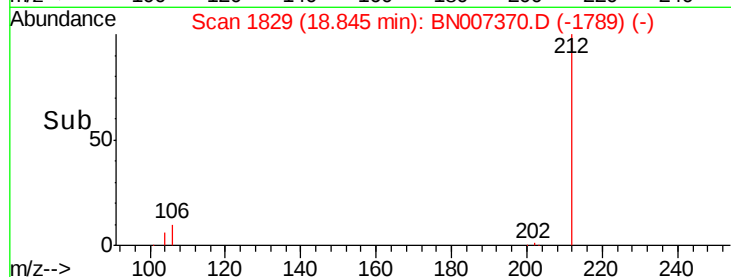
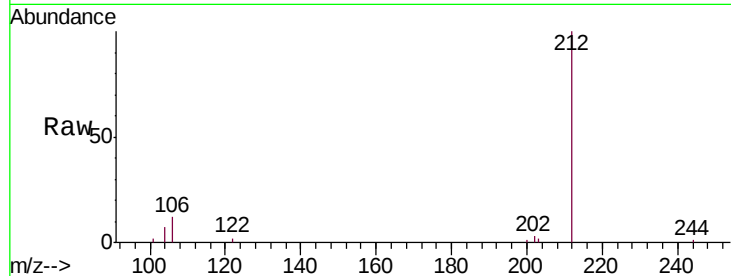
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
212	100		15097		
106	11.5	9.0	13.4		
104	6.9	5.4	8.2		

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#26

Fluoranthene

Concen: 0.772 ng

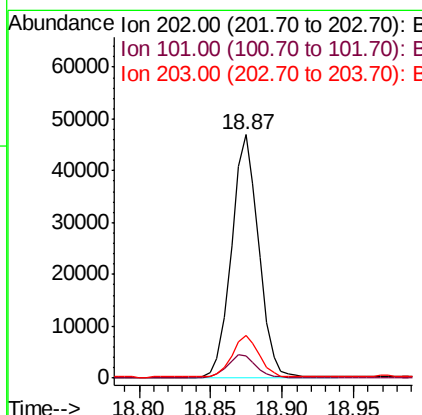
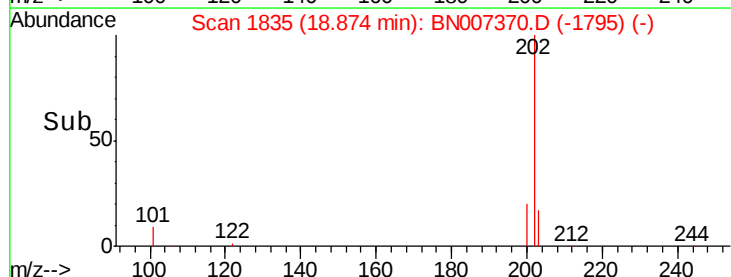
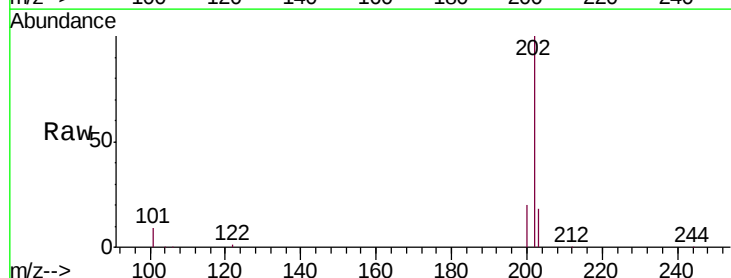
RT: 18.87 min Scan# 1835

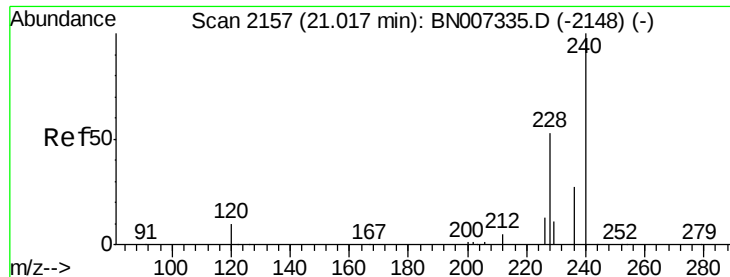
Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		61747		
101	9.5	7.7	11.5		
203	17.2	13.7	20.5		





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

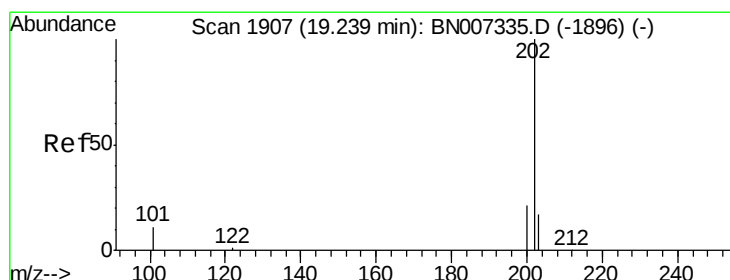
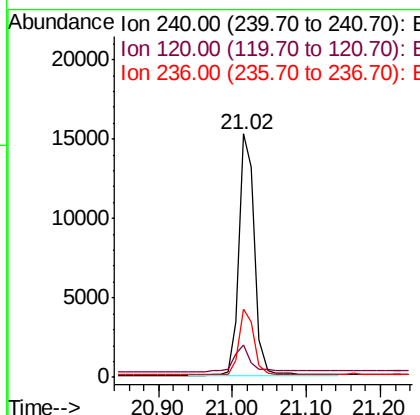
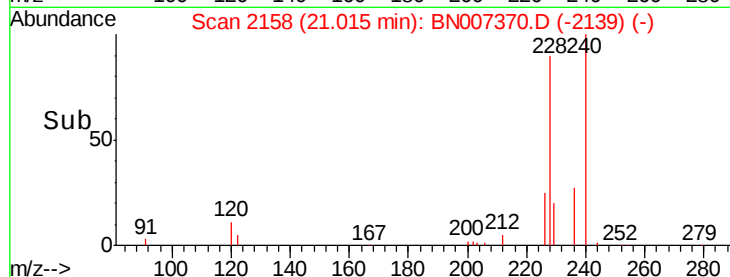
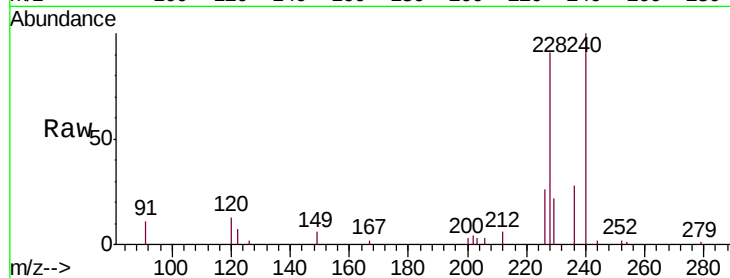
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion:	240	Resp:	22316
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.6	14.4
236	27.9	22.2	33.2

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#28

Pyrene

Concen: 0.655 ng

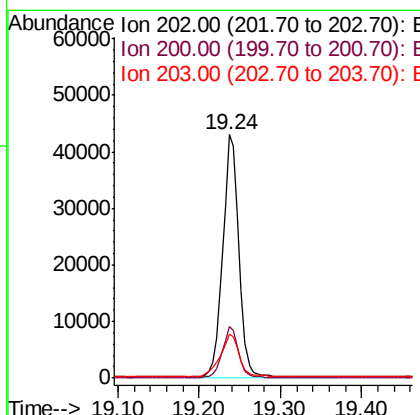
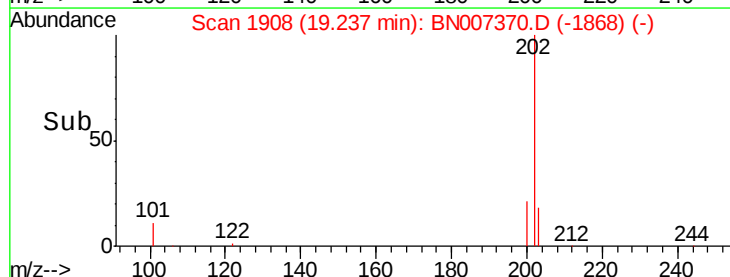
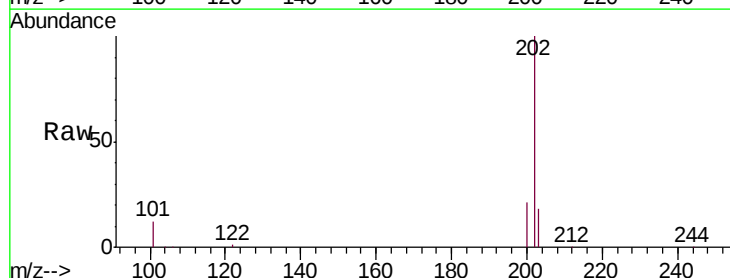
RT: 19.24 min Scan# 1908

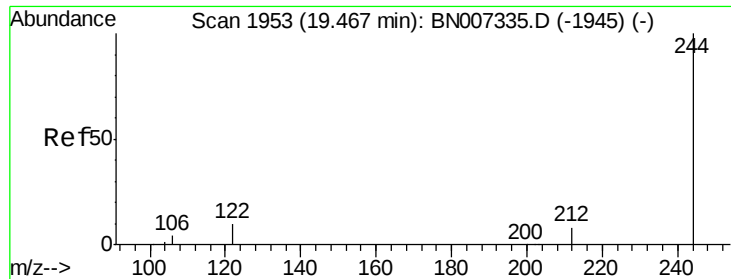
Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion:	202	Resp:	58824
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	21.0	14.2	21.4





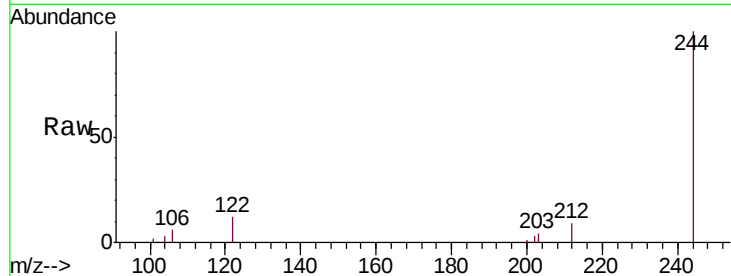
#29
 Terphenyl-d14
 Concen: 0.181 ng
 RT: 19.47 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BN007370.D
 Acq: 24 Aug 2019 19:06

Instrument :
 BNA_N
 ClientSampleId :
 N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	11.7	9.6	14.4

Manual Integrations
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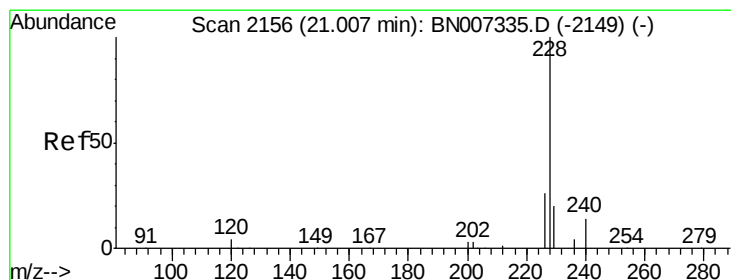
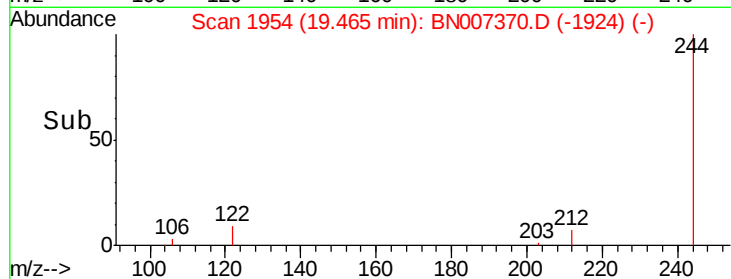
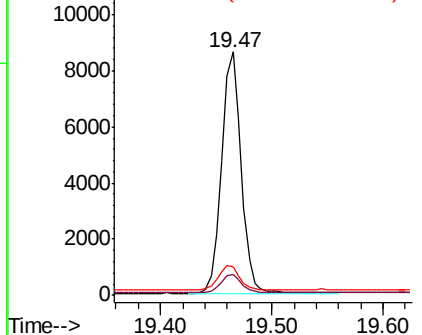


Abundance

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: 0.552 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN007370.D
 Acq: 24 Aug 2019 19:06

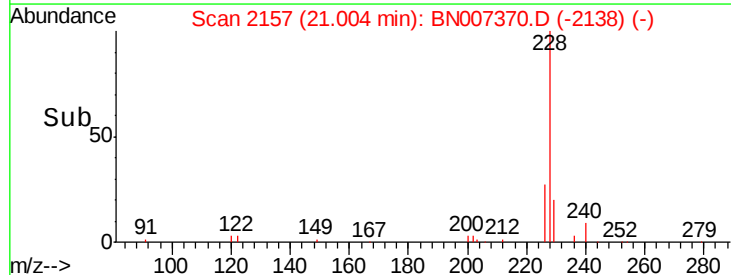
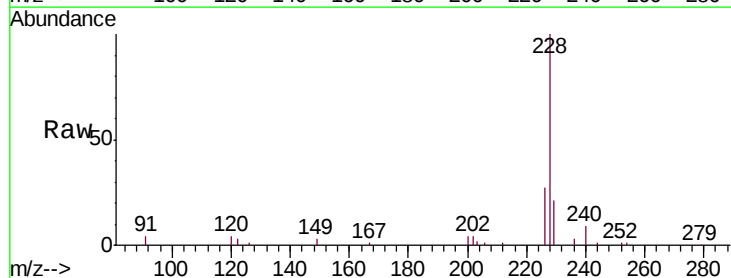
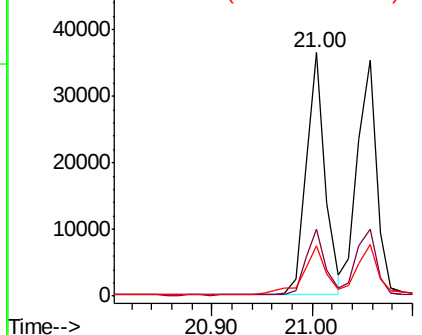
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	20.8	16.1	24.1

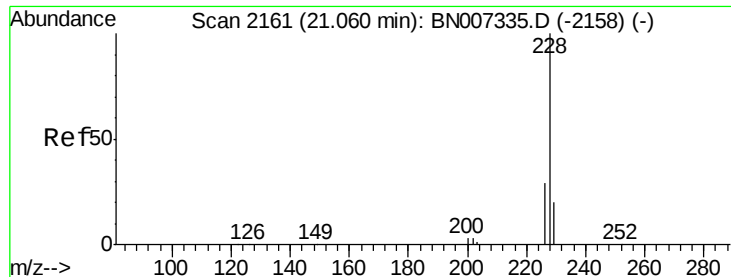
Abundance

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





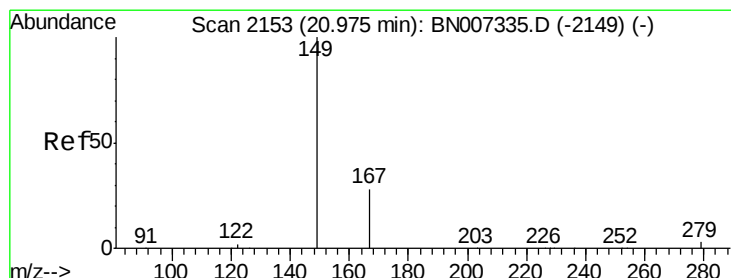
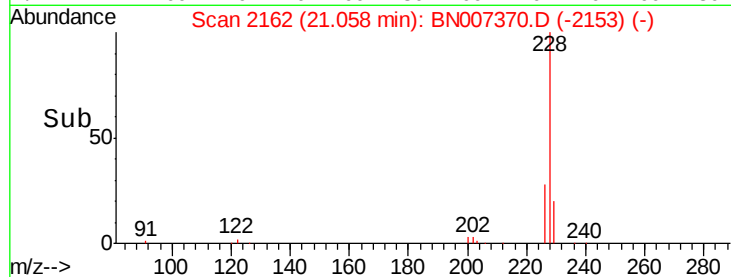
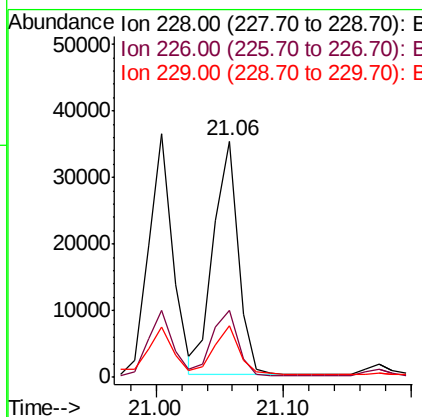
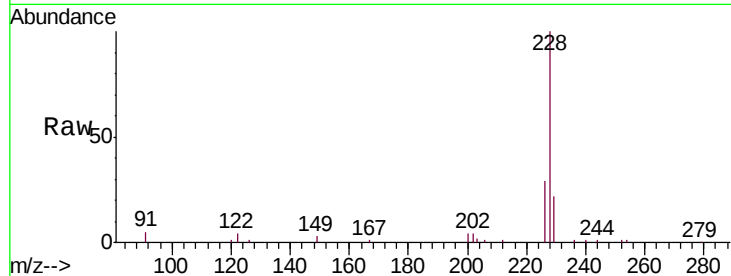
#31
Chrysene
Concen: 0.559 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	21.8	16.6	24.8

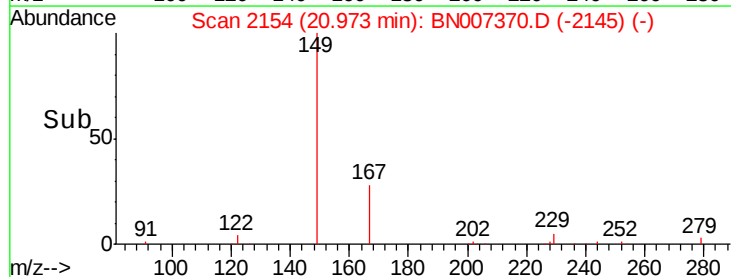
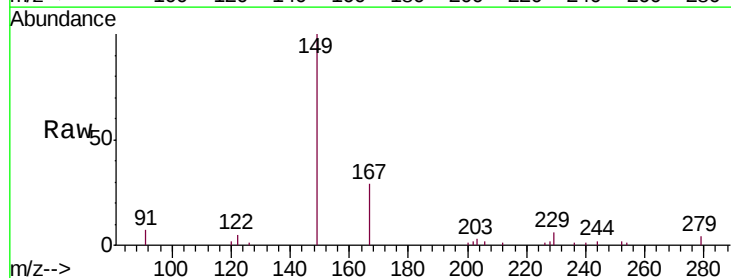
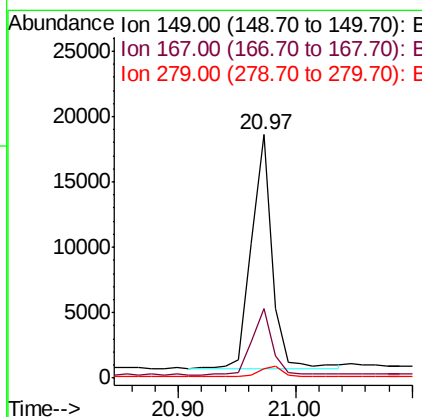
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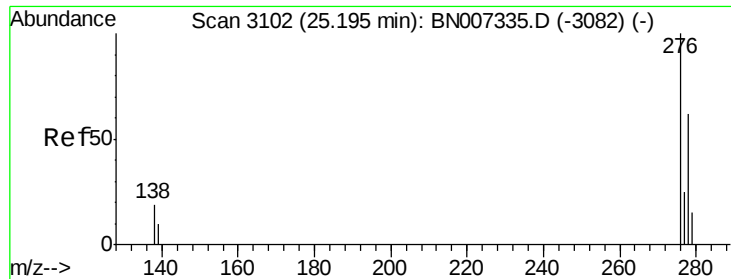
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.7	3.5	5.3





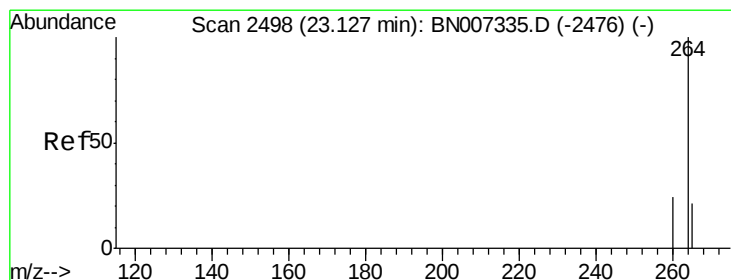
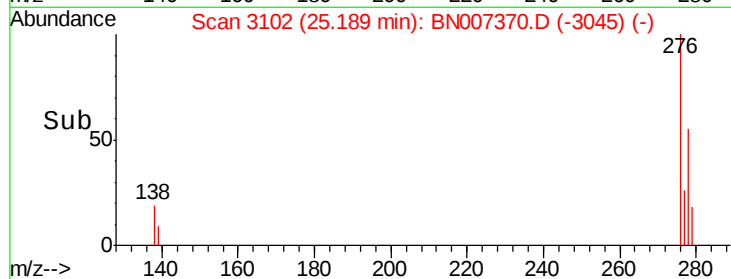
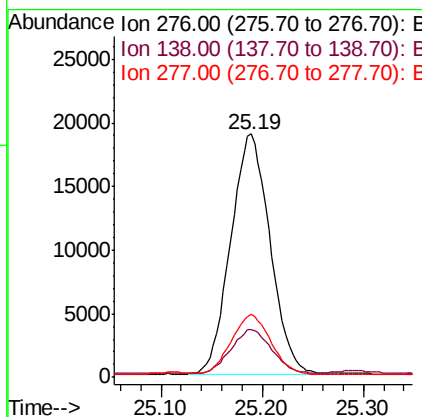
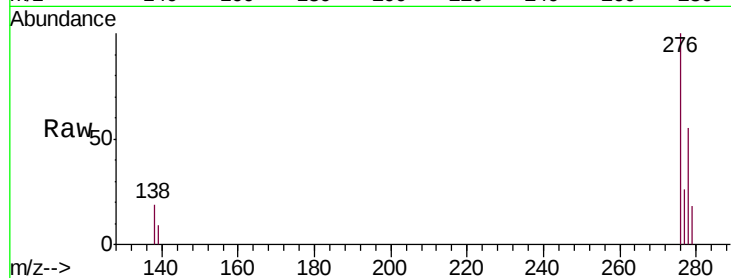
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.500 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.1	22.7
277	25.0	19.7	29.5

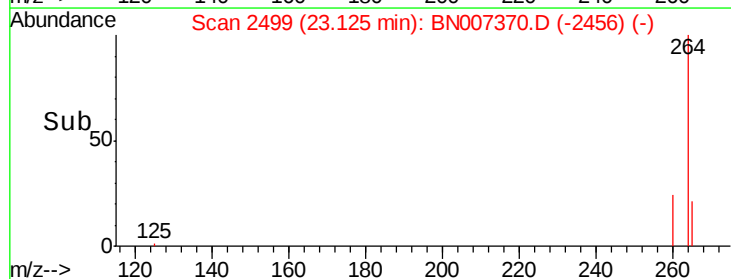
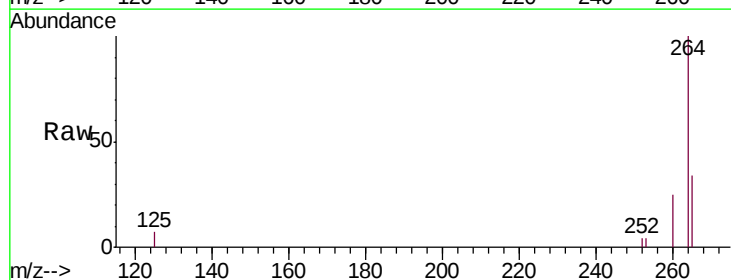
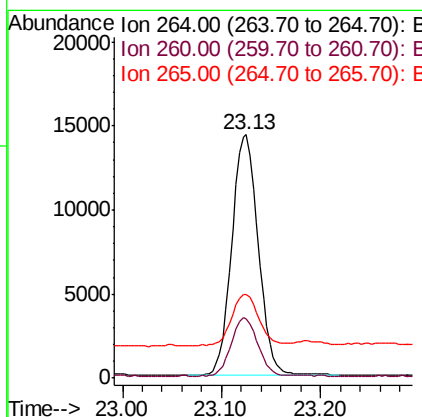
Manual Integrations
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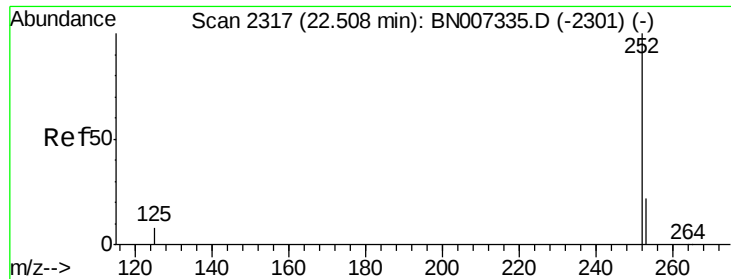
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	34.3	29.9	44.9





#35

Benzo(b)fluoranthene

Concen: 0.567 ng m

RT: 22.51 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

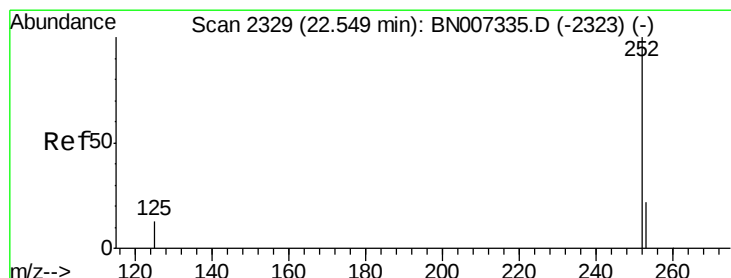
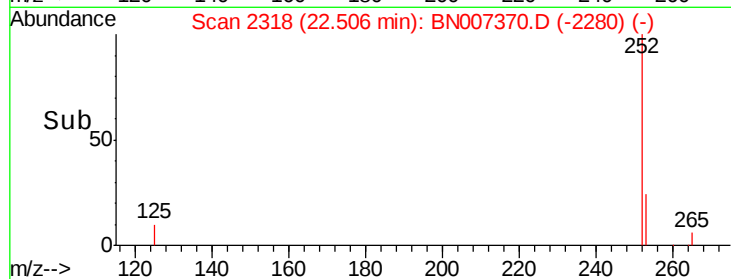
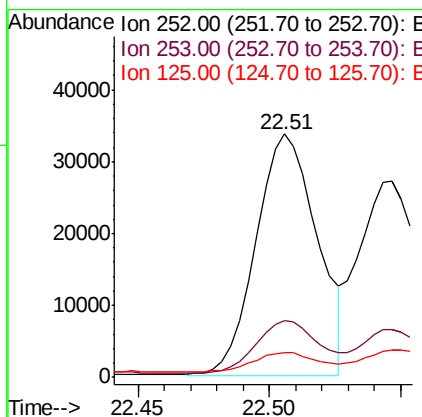
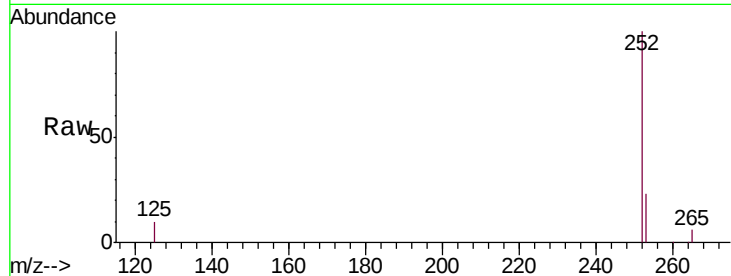
ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	10.4	10.6	16.0

Manual Integrations
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#36

Benzo(k)fluoranthene

Concen: 0.466 ng

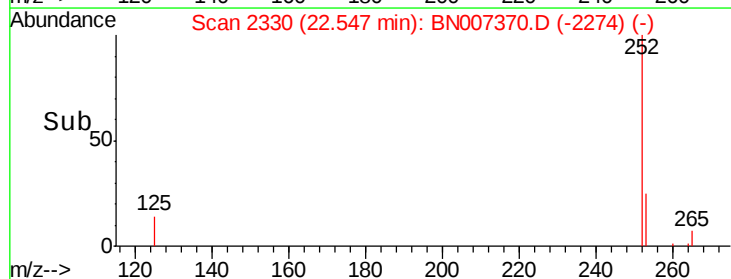
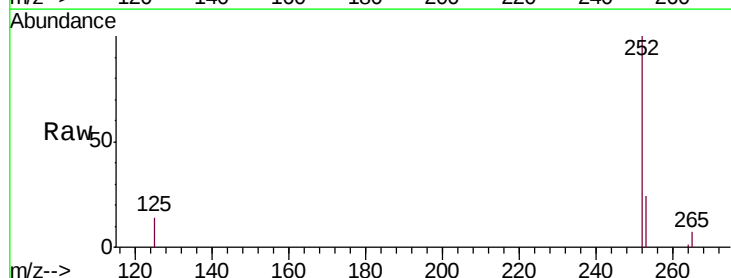
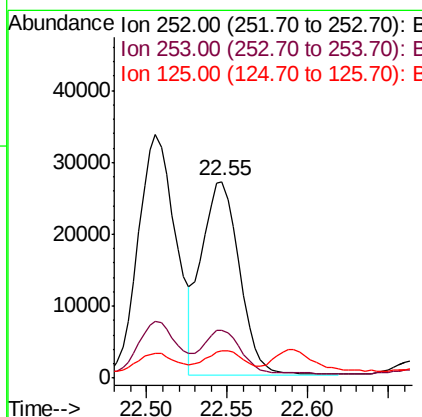
RT: 22.55 min Scan# 2330

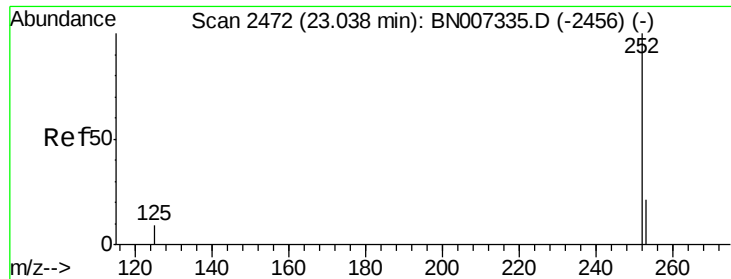
Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	14.0	13.1	19.7





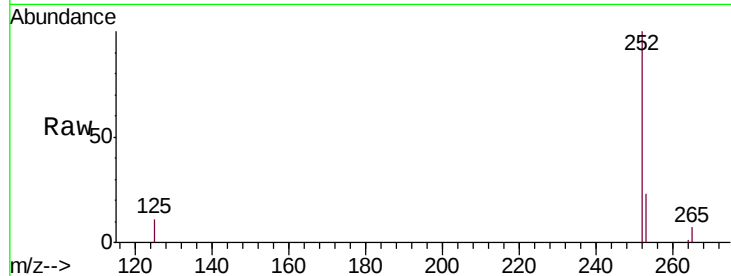
#37
Benzo(a)pyrene
Concen: 0.531 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.5	29.3
125	11.4	12.1	18.1

Manual Integrations
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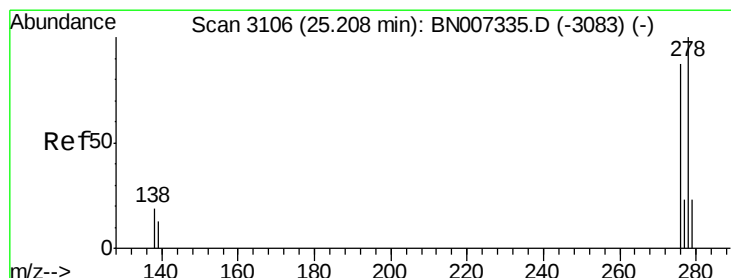
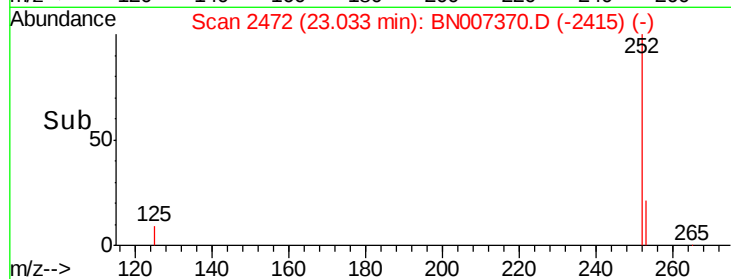
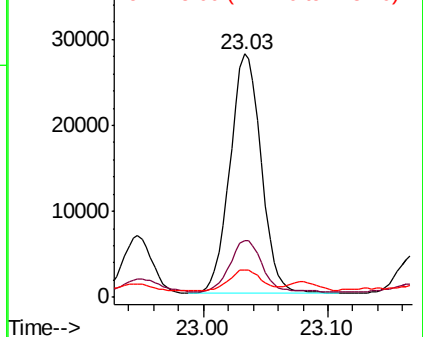


Abundance

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



#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 25.20 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

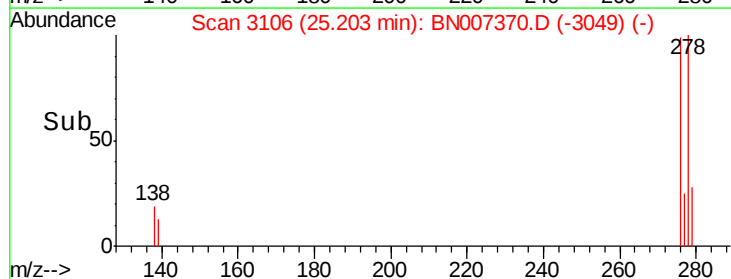
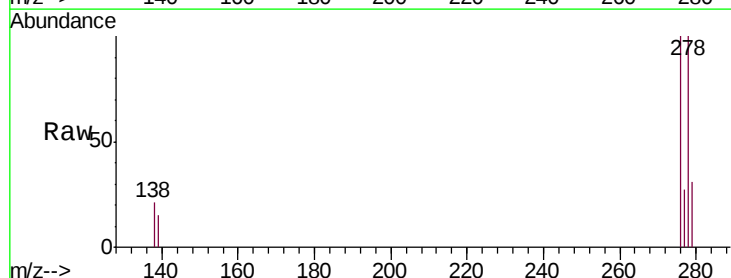
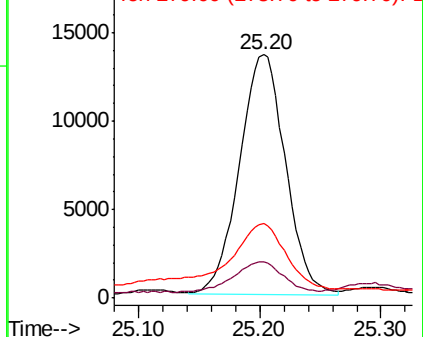
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.7	20.5
279	30.6	20.2	30.4

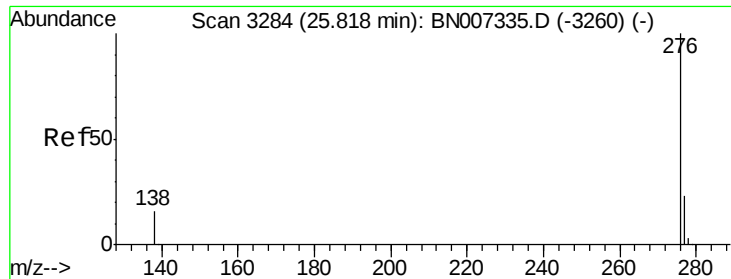
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.502 ng

RT: 25.82 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BN007370.D

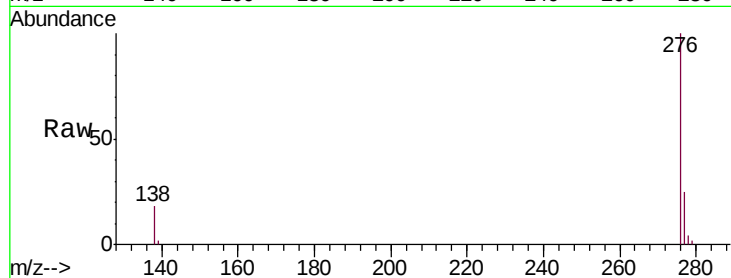
Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD



Tot Ion:	276	Resp:	45604
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.6	29.4
138	18.1	16.3	24.5

Manual Integrations
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