

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011520.D
 Acq On : 19 Aug 2020 17:18
 Operator : CG/JU
 Sample : L3696-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-1

Manual Integrations
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 8/20/2020 12:21:07 PM

Quant Time: Aug 19 18:08:04 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 19 15:54:57 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1217	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	4422	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	3619	0.40	ng	-0.01
19) Phenanthrene-d10	16.81	188	6599	0.40	ng	-0.01
29) Chrysene-d12	21.04	240	7837	0.40	ng	-0.01
36) Perylene-d12	23.15	264	7763	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.11	112	470	0.17	ng	0.00
5) Phenol-d6	6.64	99	310	0.09	ng	0.00
8) Nitrobenzene-d5	8.56	82	1461	0.41	ng	-0.03
11) 2-Methylnaphthalene-d10	11.77	152	2853	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.57	330	570	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.67	172	5823	0.37	ng	-0.01
27) Fluoranthene-d10	18.86	212	9051	0.45	ng	0.00
31) Terphenyl-d14	19.48	244	9035	0.52	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	10.22	128	2302	0.179	ng	# 41
12) 2-Methylnaphthalene	11.84	142	82542	8.910	ng	# 98
16) Acenaphthylene	13.77	152	2180	0.120	ng	# 1
17) Acenaphthene	14.12	154	3851	0.328	ng	# 29
18) Fluorene	15.12	166	12070m	0.800	ng	
25) Phenanthrene	16.86	178	45279	2.153	ng	# 91
28) Fluoranthene	18.89	202	3019	0.121	ng	# 88
30) Pyrene	19.26	202	9794	0.379	ng	# 90
32) Benzo(a)anthracene	21.02	228	1162	0.049	ng	# 69
33) Chrysene	21.08	228	1331	0.049	ng	# 76
34) Bis(2-ethylhexyl)phthalate	20.98	149	2980	0.350	ng	# 82
37) Benzo(b)fluoranthene	22.53	252	945	0.030	ng	# 15
39) Benzo(a)pyrene	23.06	252	603	0.022	ng	# 1

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

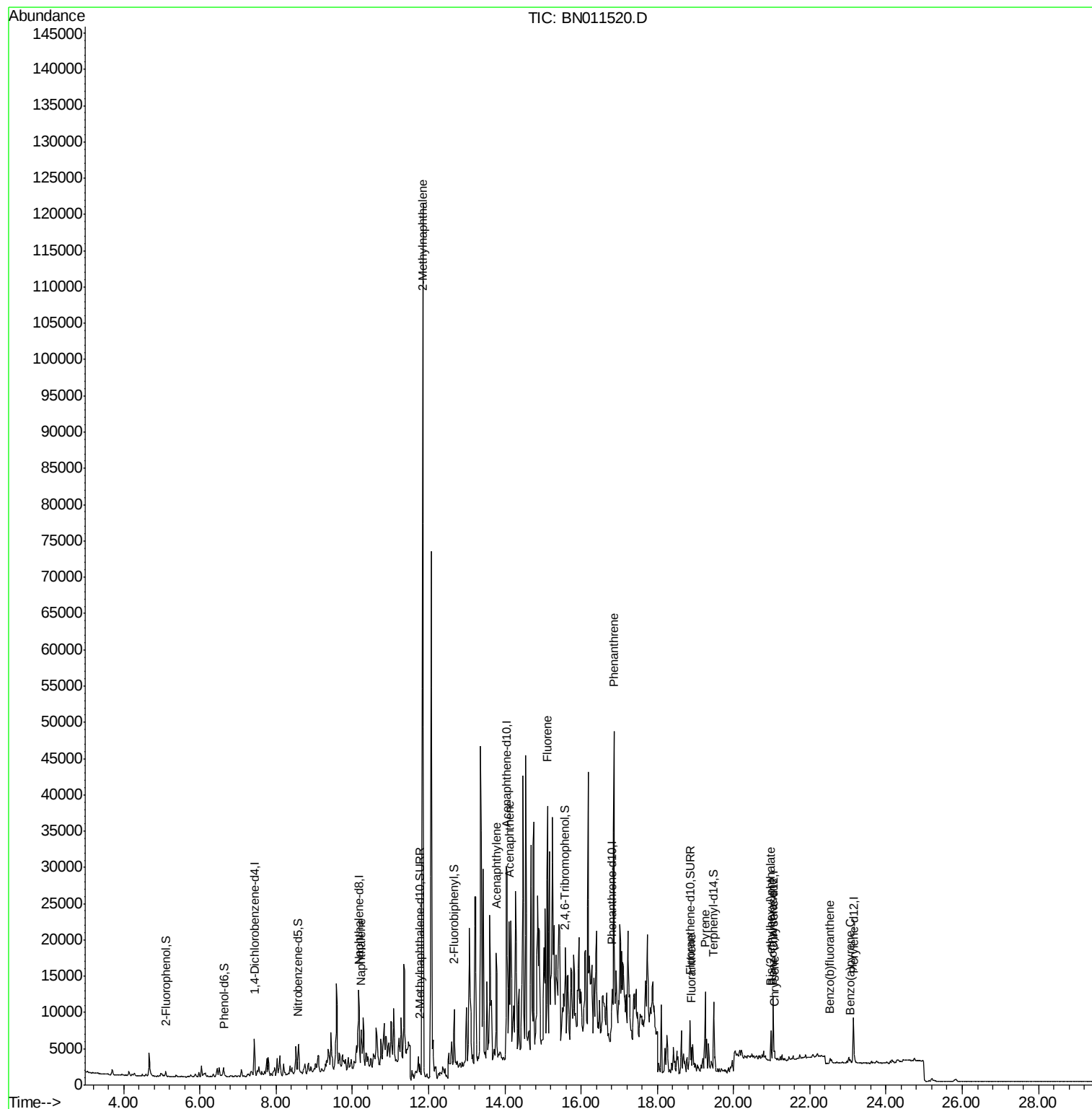
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
Data File : BN011520.D
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ALS Vial : 12 Sample Multiplier: 1

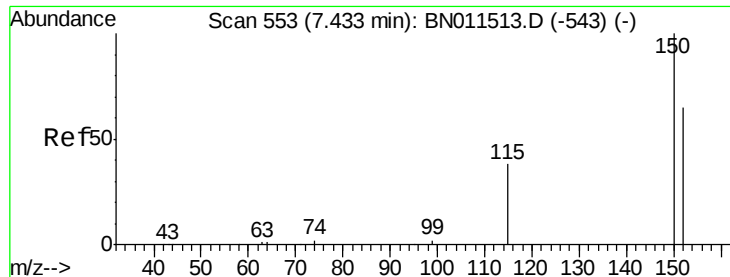
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W-1

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.43 min Scan# 553

Delta R.T. 0.00 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Instrument :

BNA_N

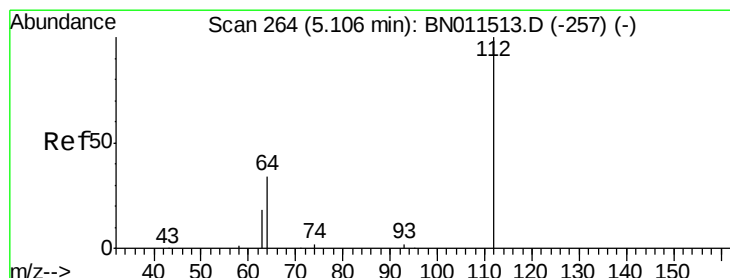
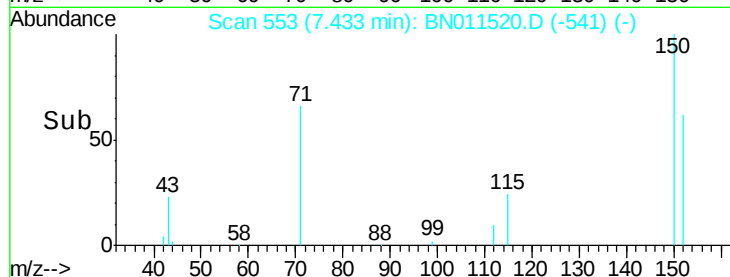
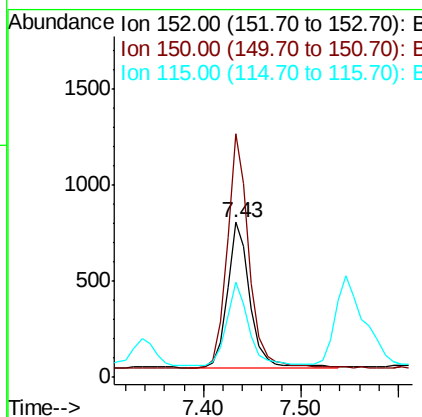
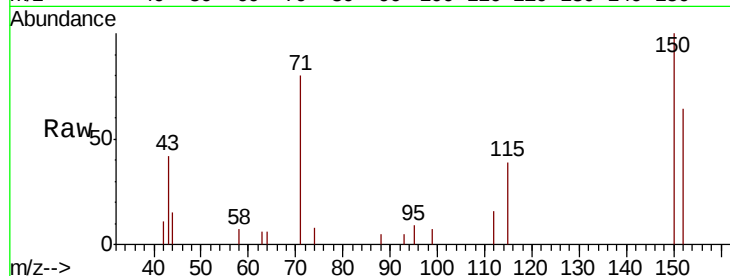
ClientSampleId :

W-1

Tot Ion:	152	Resp:	1217
Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.6	182.4
115	61.7	51.9	77.9

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#4

2-Fluorophenol

Concen: 0.165 ng

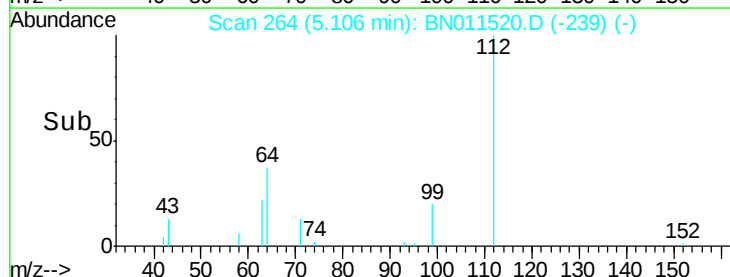
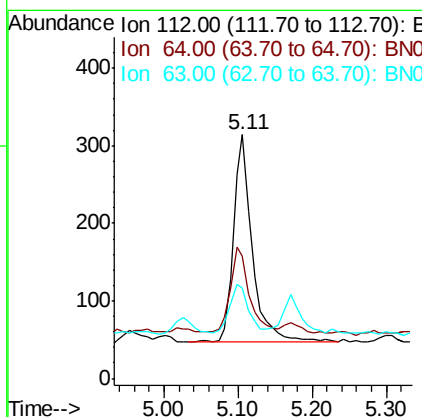
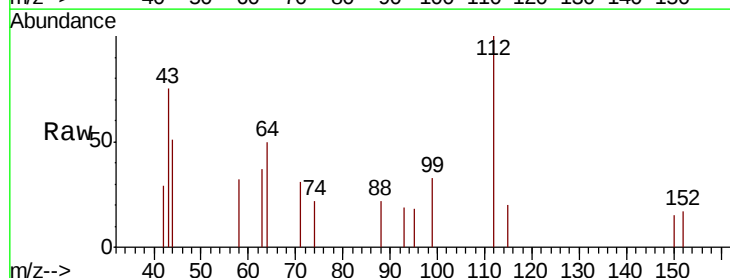
RT: 5.11 min Scan# 264

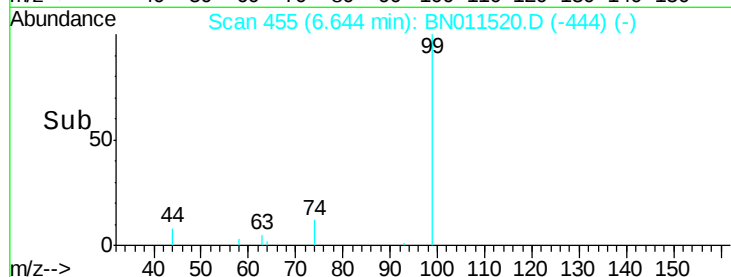
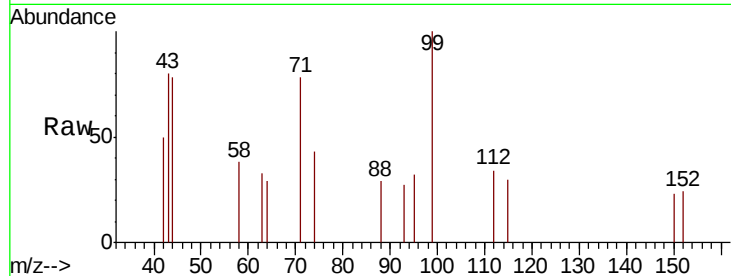
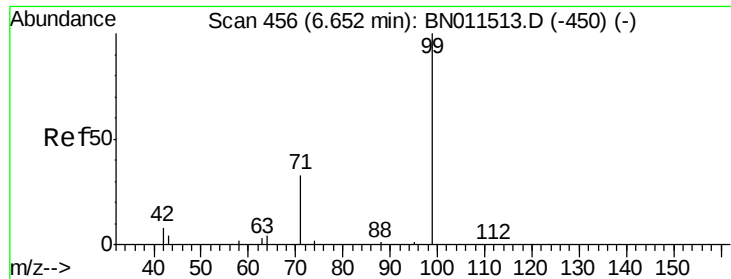
Delta R.T. 0.00 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Tgt Ion:	112	Resp:	470
Ion	Ratio	Lower	Upper
112	100		
64	43.8	33.8	50.6
63	24.3	19.5	29.3





#5

Phenol-d6

Concen: 0.094 ng

RT: 6.64 min Scan# 455

Delta R.T. -0.01 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Tot Ion:	99	Resp:	310
Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.0	15.0#
71	0.0	31.0	46.4#

Instrument :

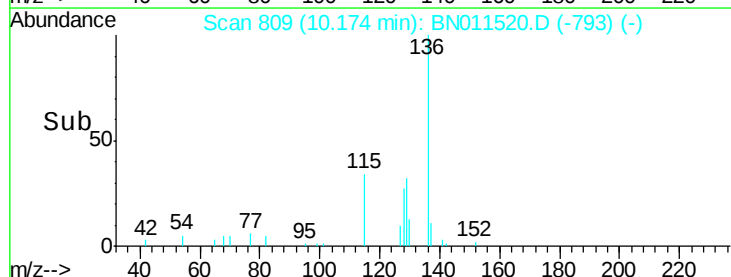
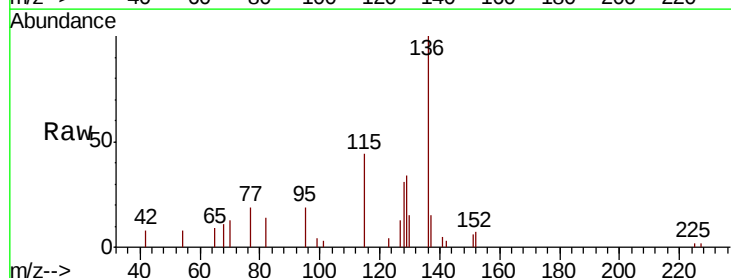
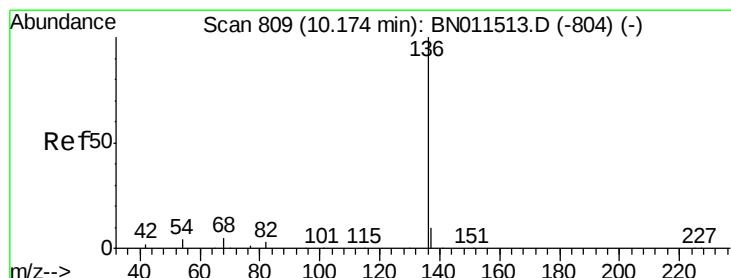
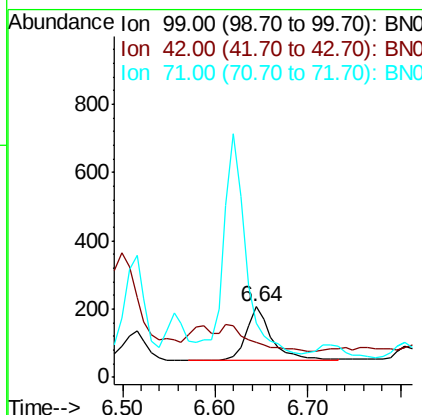
BNA_N

ClientSampled :

W-1

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#7

Naphthalene-d8

Concen: 0.400 ng

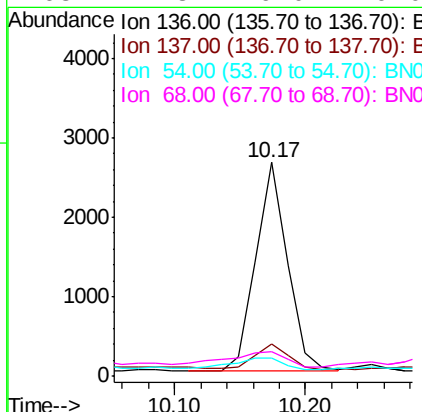
RT: 10.17 min Scan# 809

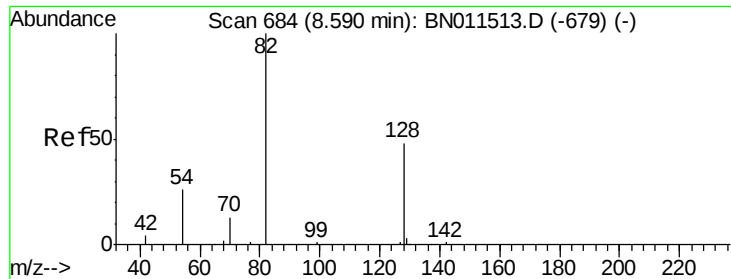
Delta R.T. 0.00 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Tgt Ion:	136	Resp:	4422
Ion	Ratio	Lower	Upper
136	100		
137	14.8	10.3	15.5
54	8.3	5.7	8.5
68	11.3	6.0	9.0#





#8

Nitrobenzene-d5

Concen: 0.409 ng

RT: 8.56 min Scan# 682

Delta R.T. -0.03 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Instrument :

BNA_N

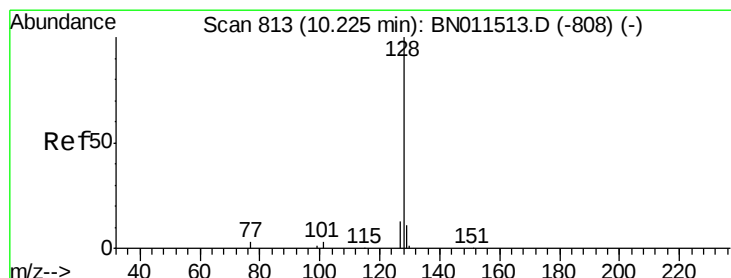
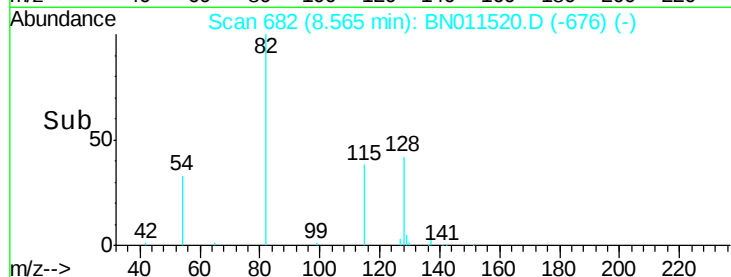
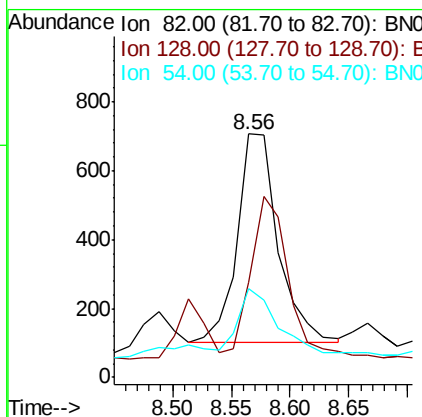
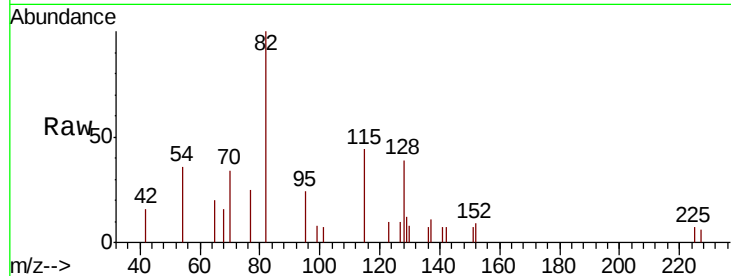
ClientSampleId :

W-1

Tot Ion:	82	Resp:	1461
Ion Ratio	Lower	Upper	
82	100		
128	38.9	44.6	66.8#
54	36.5	27.6	41.4

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#9

Naphthalene

Concen: 0.179 ng

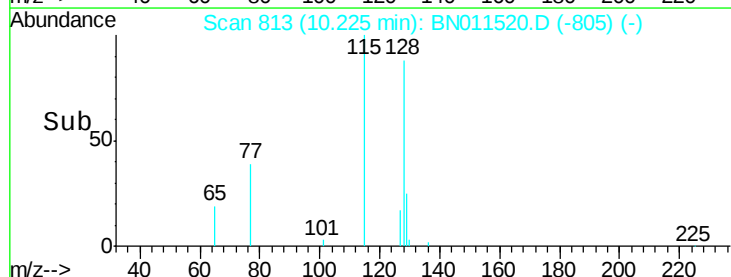
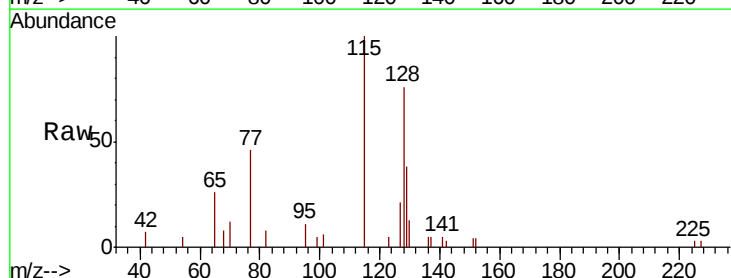
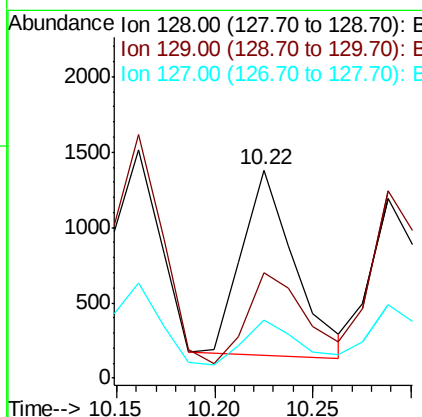
RT: 10.22 min Scan# 813

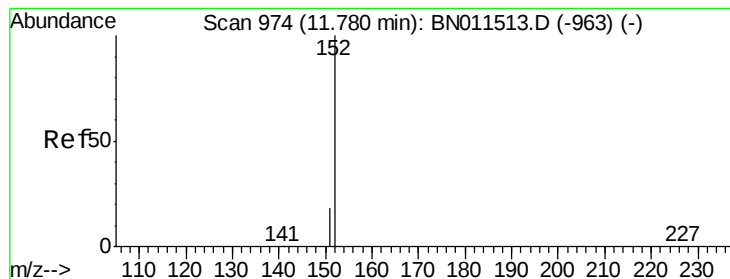
Delta R.T. 0.00 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Tgt Ion:	128	Resp:	2302
Ion Ratio	Lower	Upper	
128	100		
129	50.5	11.1	16.7#
127	28.0	12.2	18.4#





#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 11.77 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Instrument :

BNA_N

ClientSampleId :

W-1

Tot Ion:152 Resp: 2853

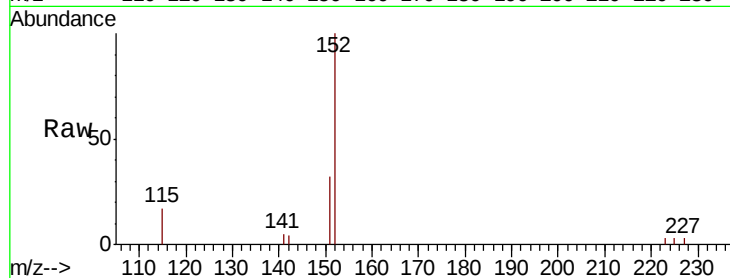
Ion Ratio Lower Upper

152 100

151 31.2 16.2 24.4#

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

2000

1500

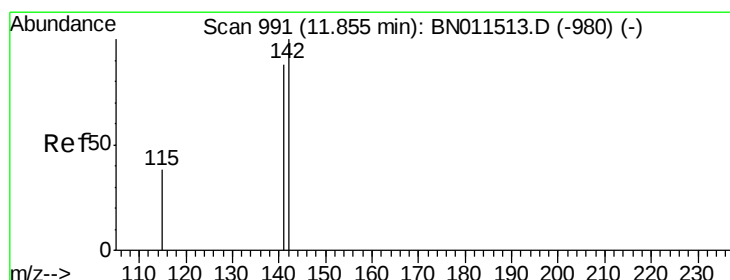
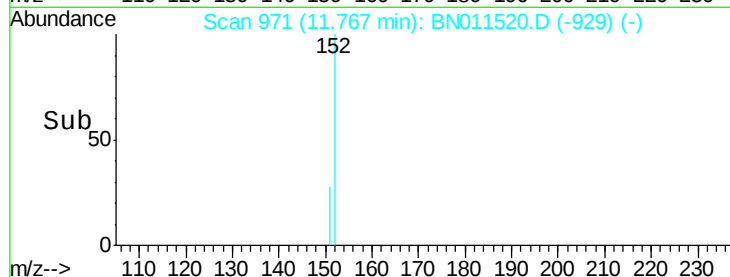
1000

500

0

Time-->

11.70 11.75 11.80 11.85



#12

2-Methylnaphthalene

Concen: 8.910 ng

RT: 11.84 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

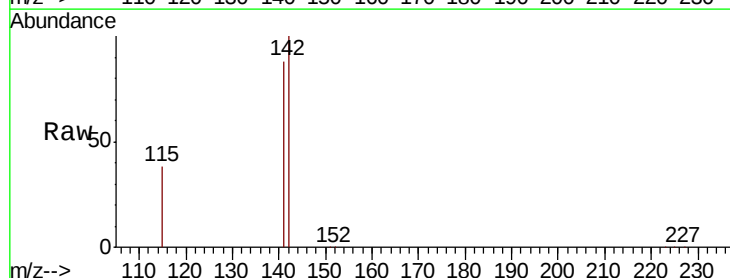
Tgt Ion:142 Resp: 82542

Ion Ratio Lower Upper

142 100

141 88.3 70.9 106.3

115 37.8 33.2 49.8



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

11.84

60000

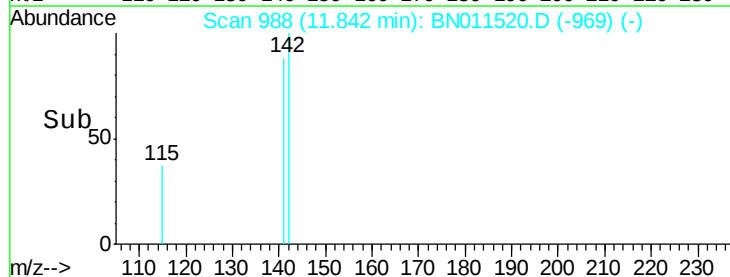
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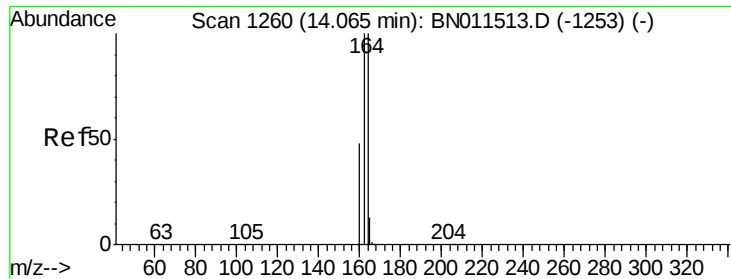
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0

Time-->

11.70 11.80 11.90





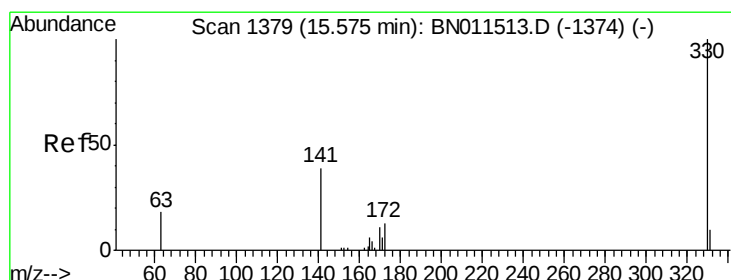
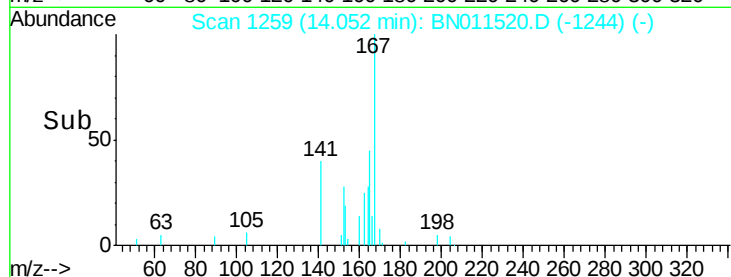
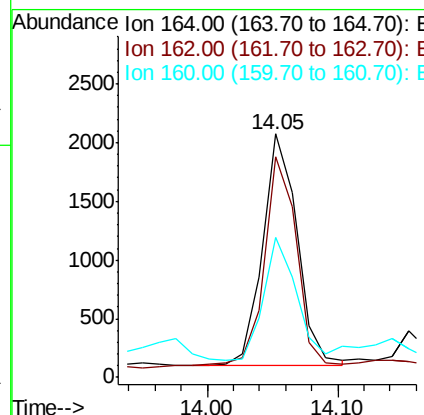
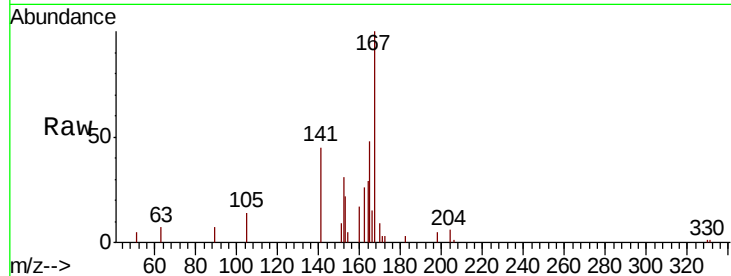
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampled :
W-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	90.7	79.8	119.8
160	57.4	39.6	59.4

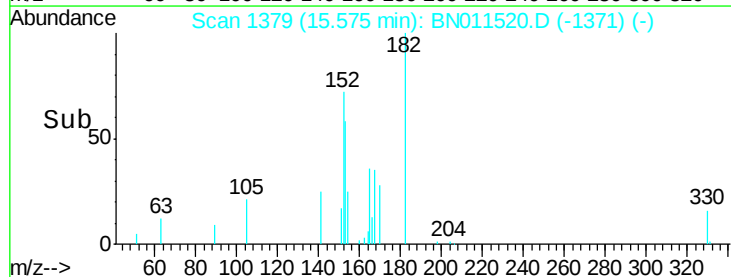
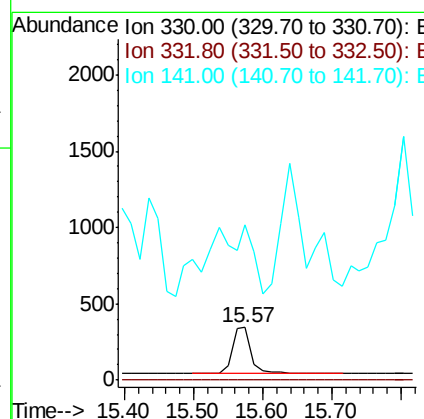
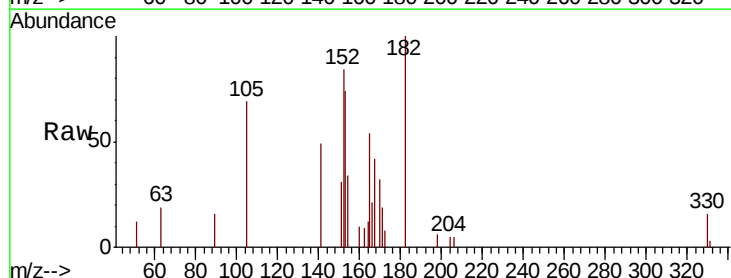
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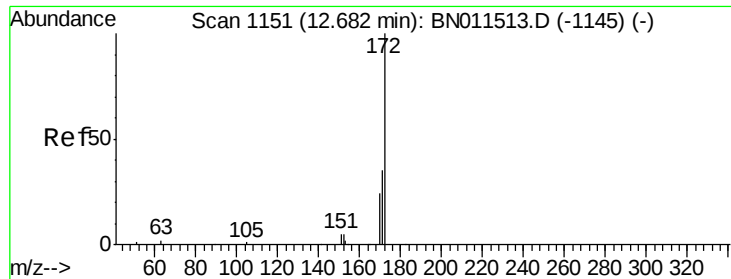
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#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.57 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	328.8	35.8	53.6#





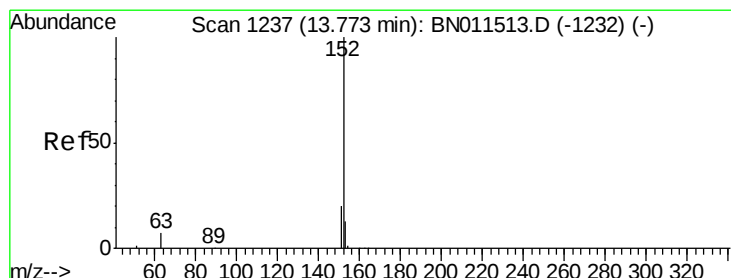
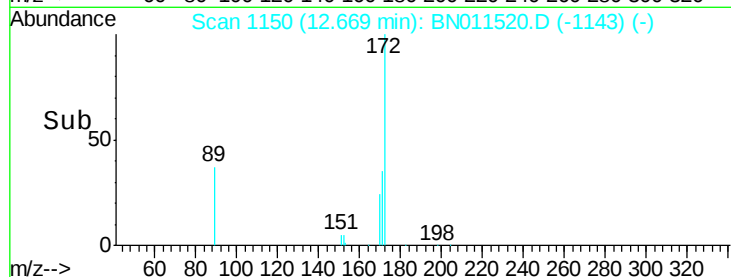
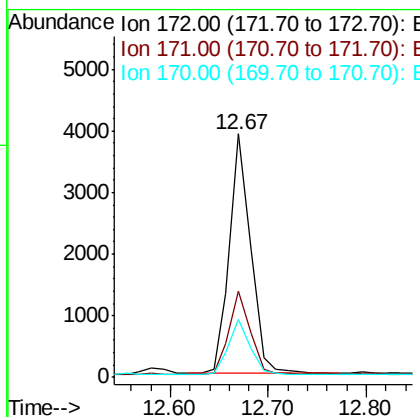
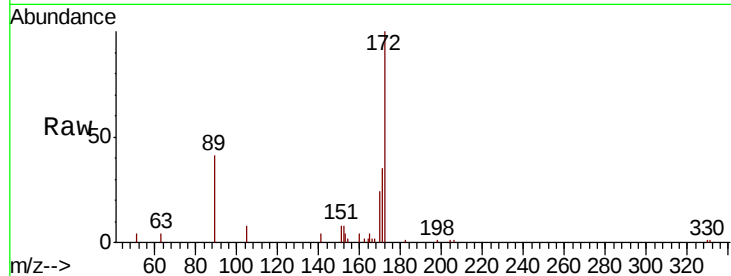
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.67 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampled :
W-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	24.0	20.9	31.3

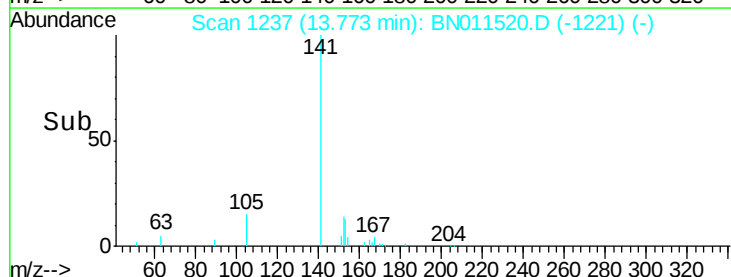
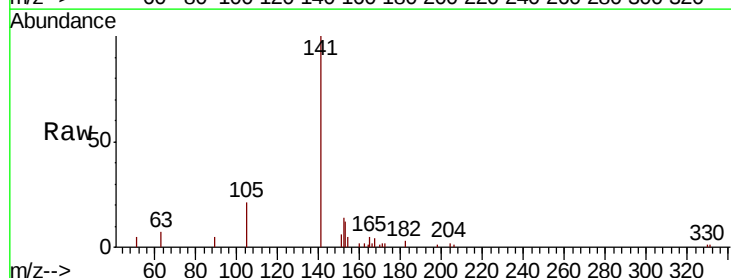
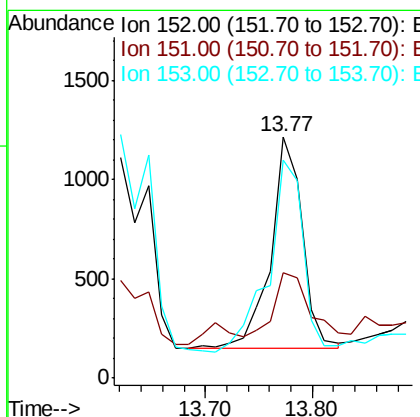
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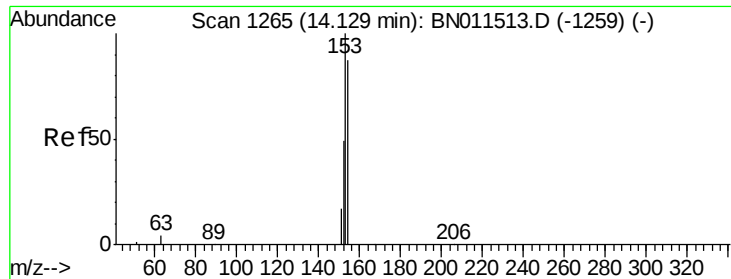
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#16
Acenaphthylene
Concen: 0.120 ng
RT: 13.77 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	37.9	15.8	23.6#
153	100.4	10.1	15.1#





#17

Acenaphthene

Concen: 0.328 ng

RT: 14.12 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Instrument :

BNA_N

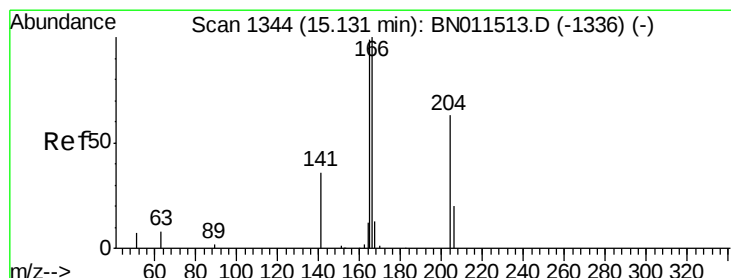
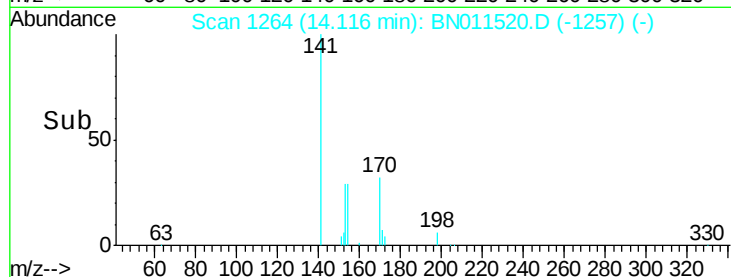
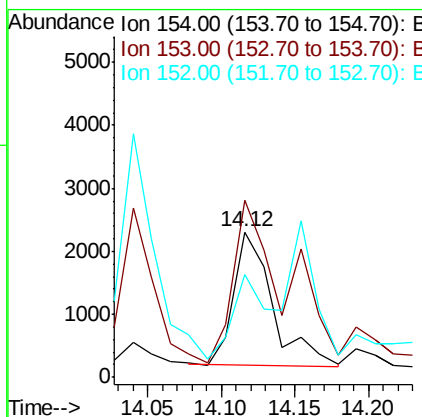
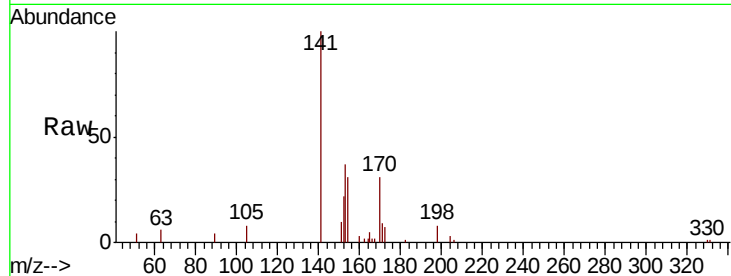
ClientSampled :

W-1

Tot Ion:	154	Resp:	3851
Ion Ratio	Lower	Upper	
154	100		
153	188.0	92.1	138.1#
152	0.0	46.4	69.6#

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#18

Fluorene

Concen: 0.800 ng m

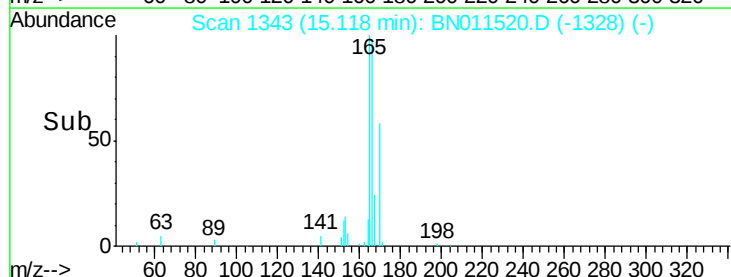
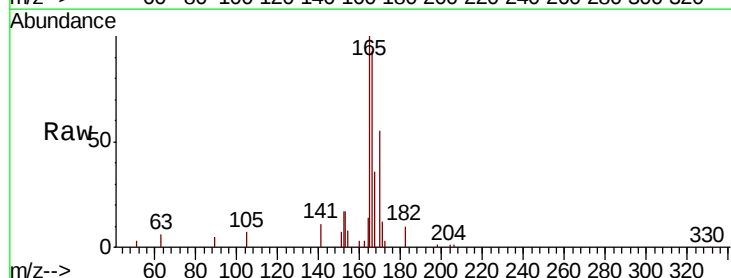
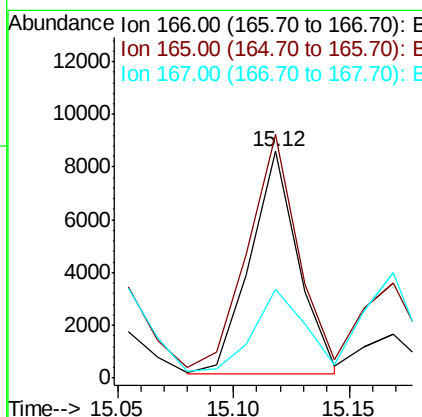
RT: 15.12 min Scan# 1343

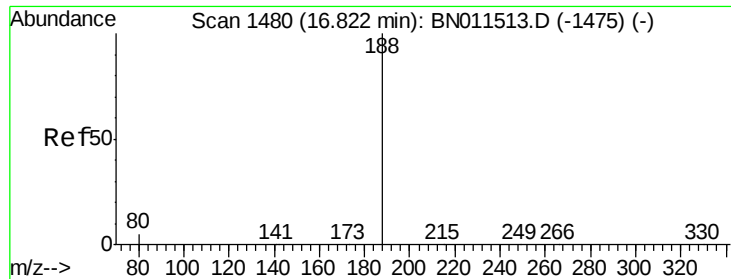
Delta R.T. -0.01 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Tgt Ion:	166	Resp:	12070
Ion Ratio	Lower	Upper	
166	100		
165	107.6	80.4	120.6
167	39.8	10.7	16.1#





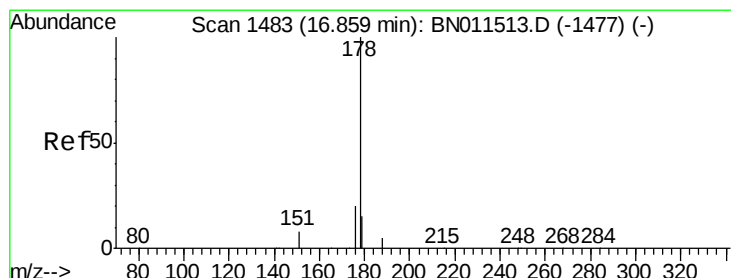
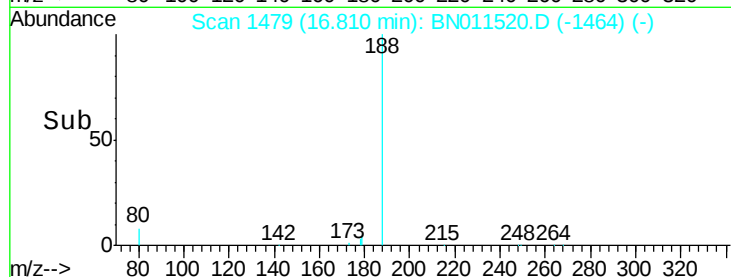
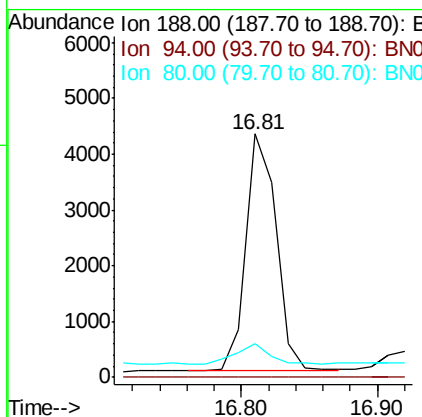
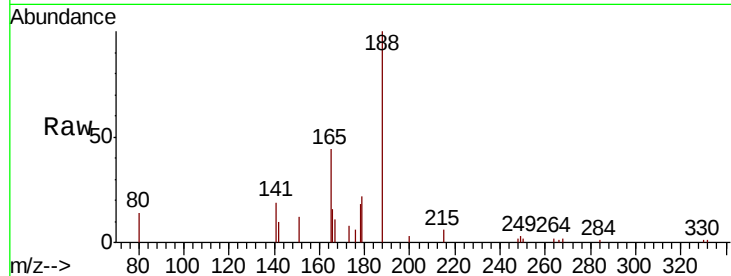
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	13.7	5.4	8.2#

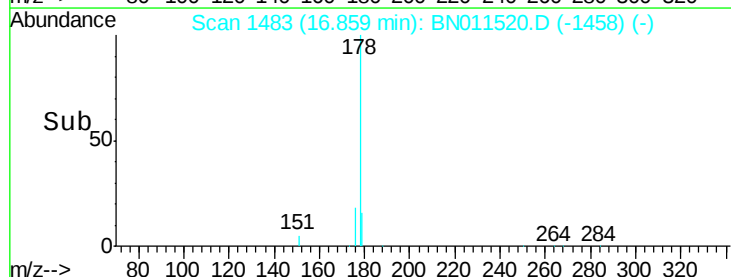
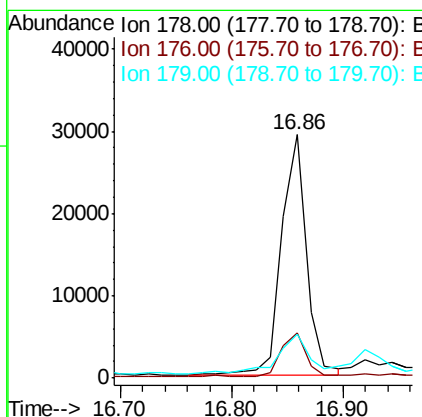
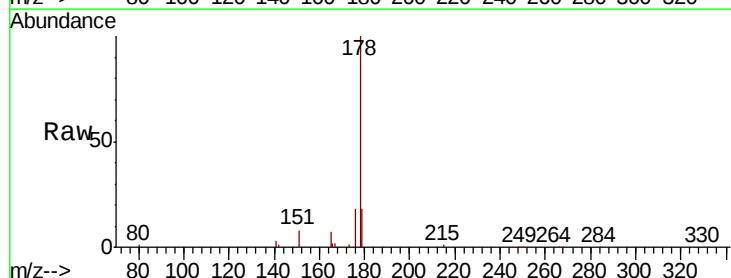
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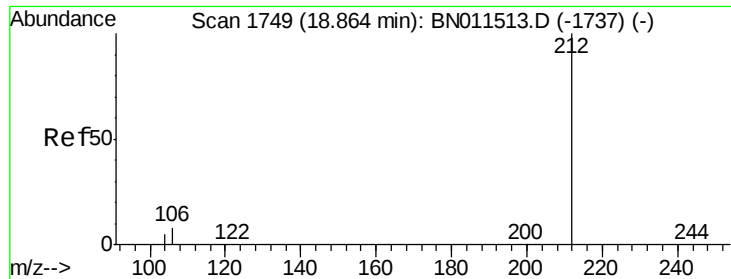
mohammad
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#25
Phenanthrene
Concen: 2.153 ng
RT: 16.86 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.6	15.3	22.9
179	22.3	12.3	18.5#





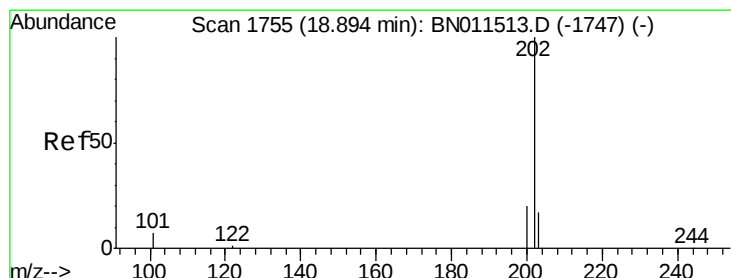
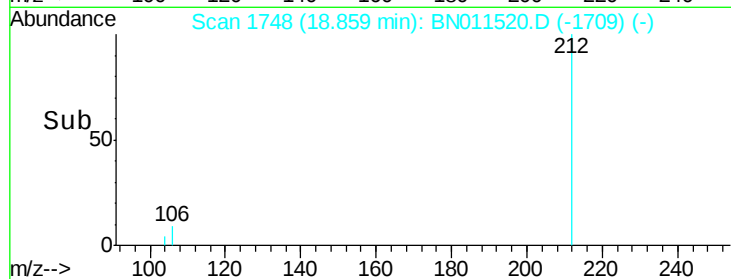
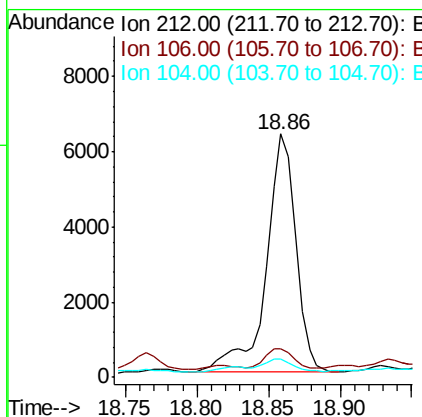
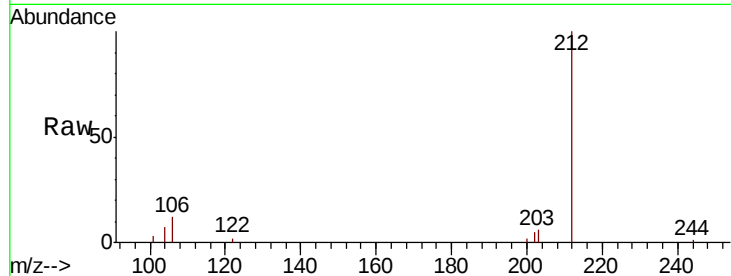
#27
Fluoranthene-d10
Concen: 0.450 ng
RT: 18.86 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
212	100		
106	7.5	6.0	9.0
104	4.8	3.7	5.5

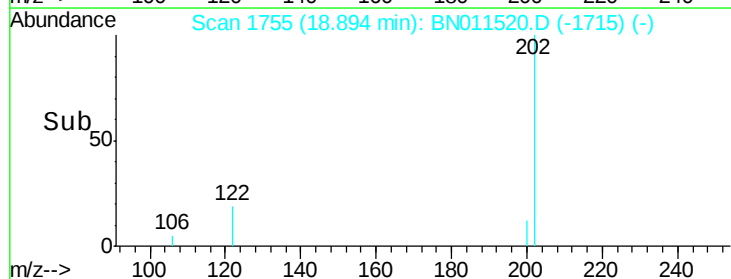
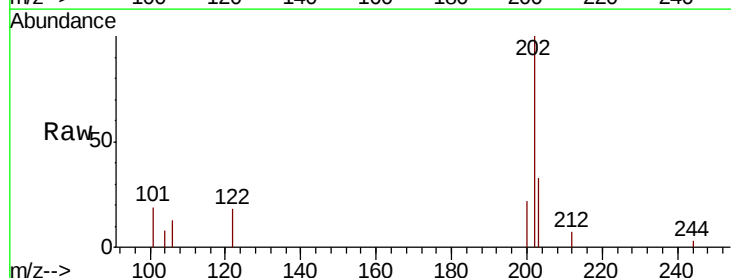
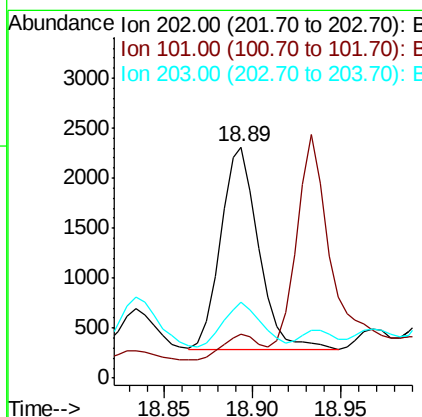
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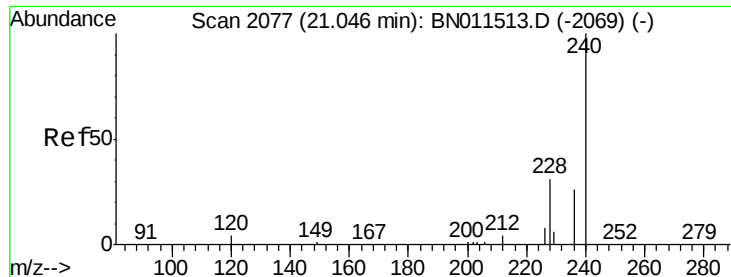
mohammad
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#28
Fluoranthene
Concen: 0.121 ng
RT: 18.89 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	5.1	7.7#
203	21.2	13.8	20.6#





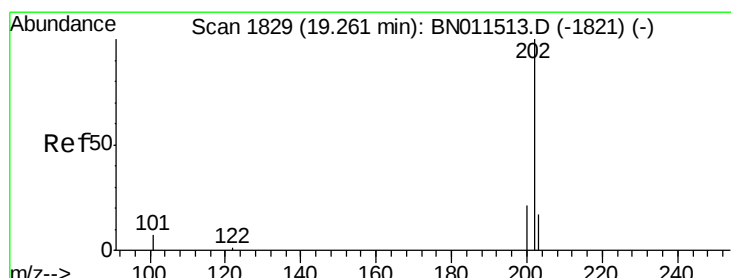
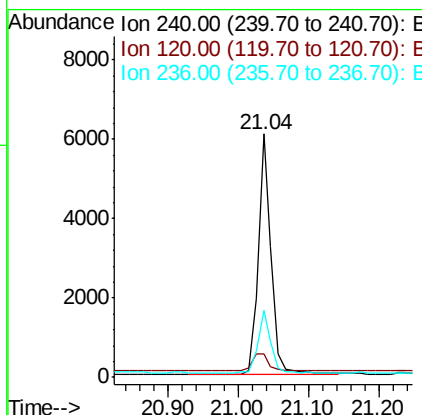
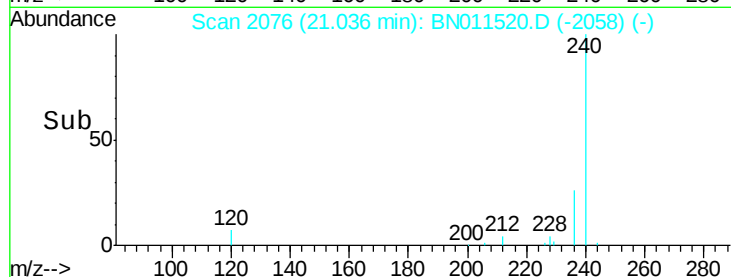
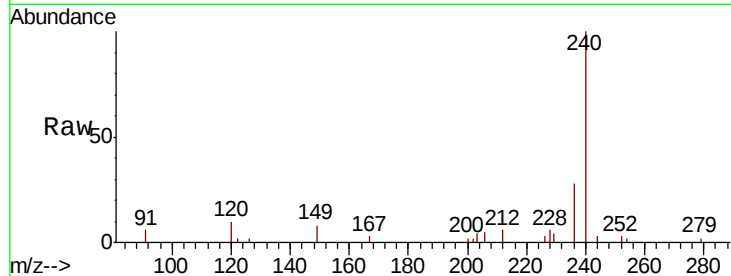
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.0	9.0#
236	27.7	22.6	33.8

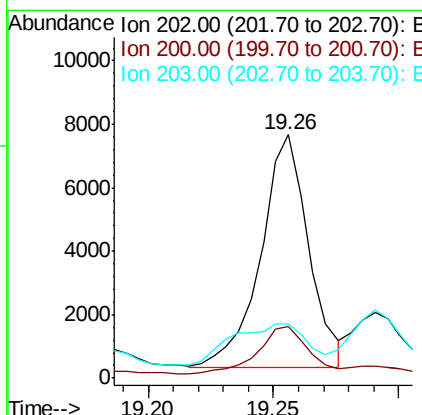
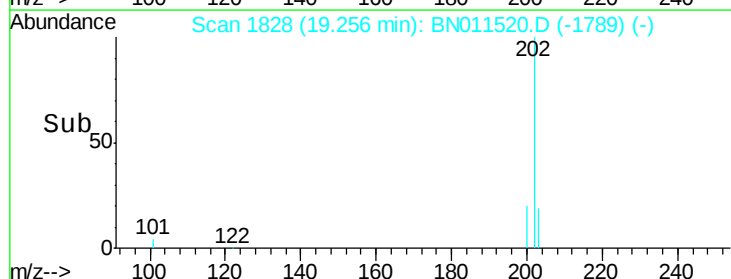
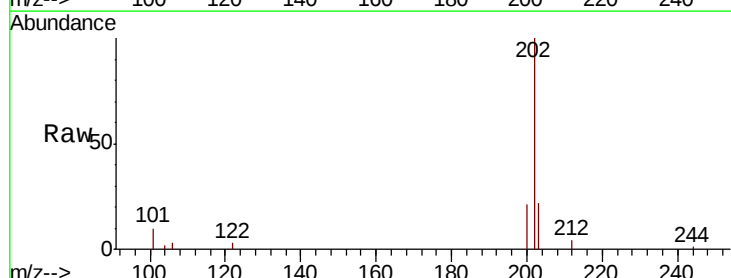
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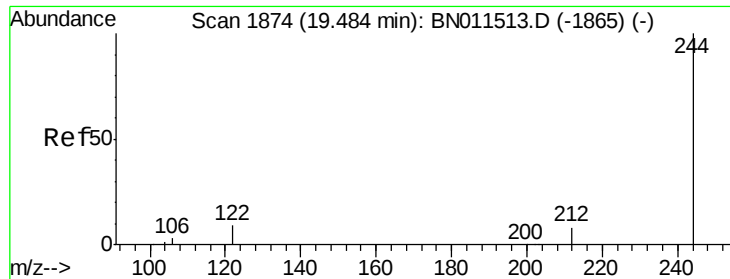
mohammad
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#30
Pyrene
Concen: 0.379 ng
RT: 19.26 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	27.4	13.9	20.9#





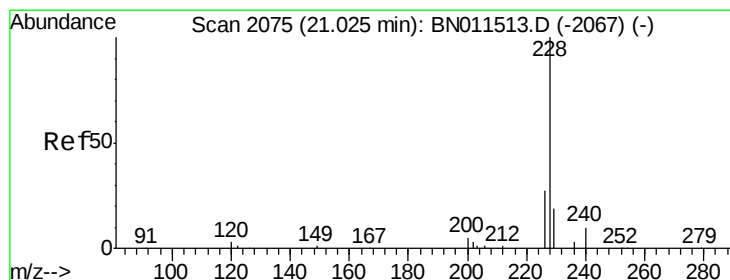
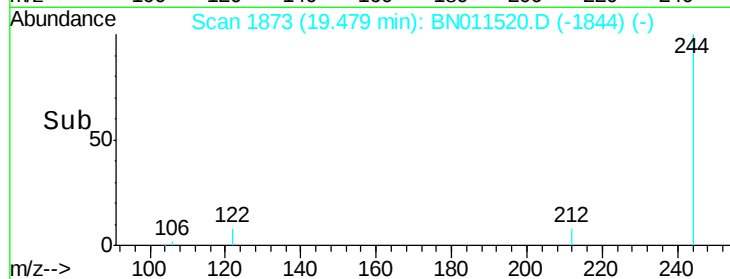
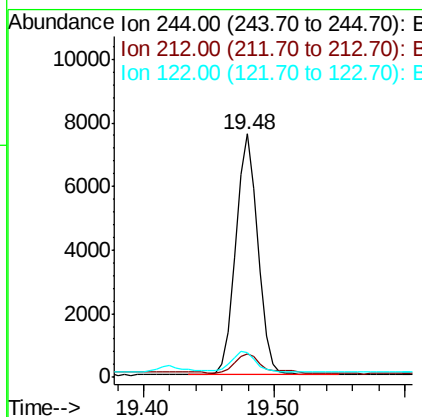
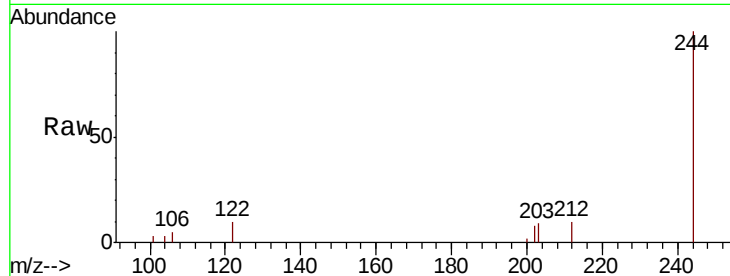
#31
 Terphenyl-d14
 Concen: 0.521 ng
 RT: 19.48 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BN011520.D
 Acq: 19 Aug 2020 17:18

Instrument :
 BNA_N
 ClientSampled :
 W-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.2	12.4
122	10.0	8.4	12.6

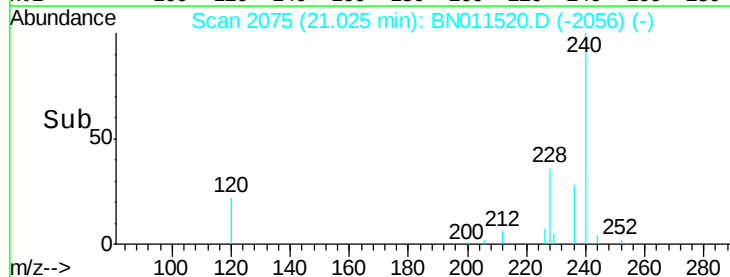
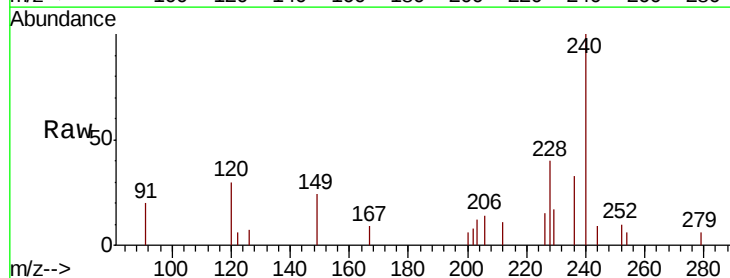
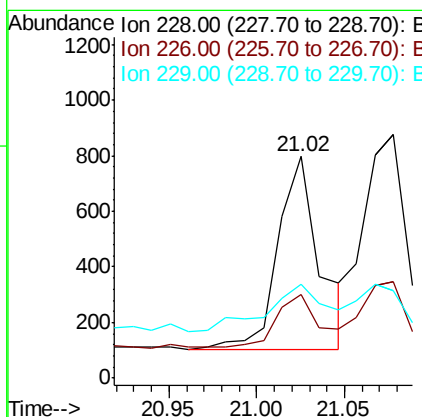
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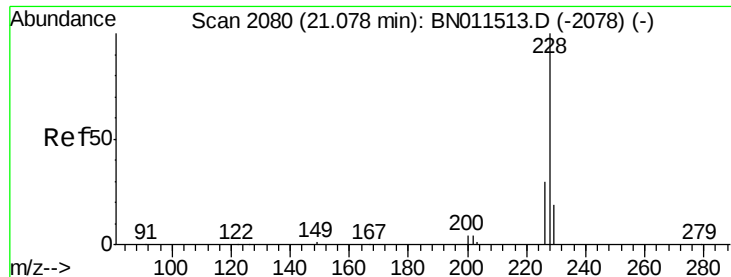
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#32
 Benzo(a)anthracene
 Concen: 0.049 ng
 RT: 21.02 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BN011520.D
 Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.8	22.6	33.8#
229	42.7	16.2	24.2#





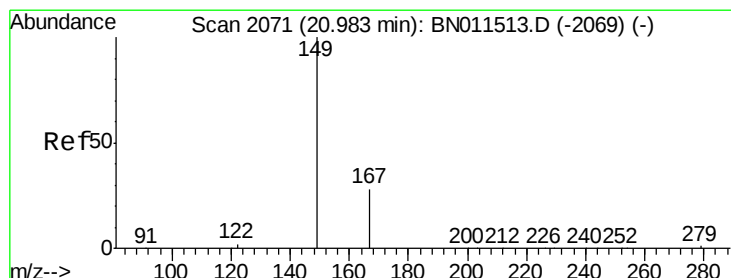
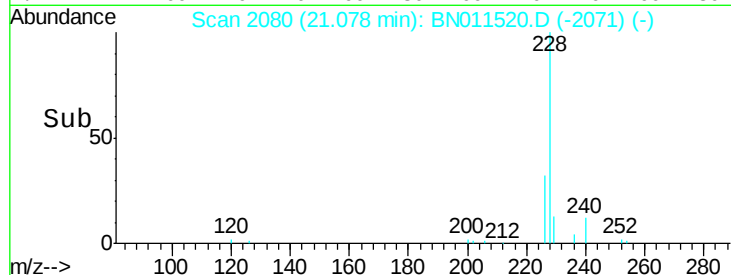
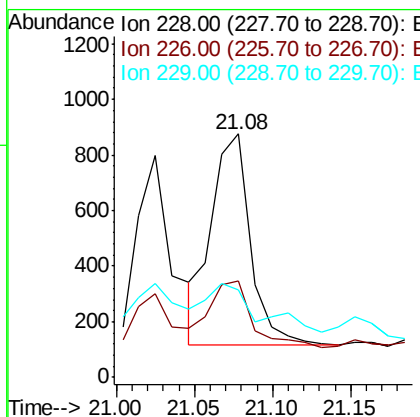
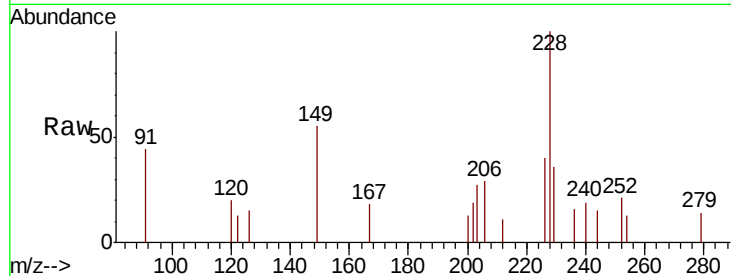
#33
 Chrysene
 Concen: 0.049 ng
 RT: 21.08 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BN011520.D
 Acq: 19 Aug 2020 17:18

Instrument :
 BNA_N
 ClientSampled :
 W-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.7	24.6	37.0#
229	36.1	15.9	23.9#

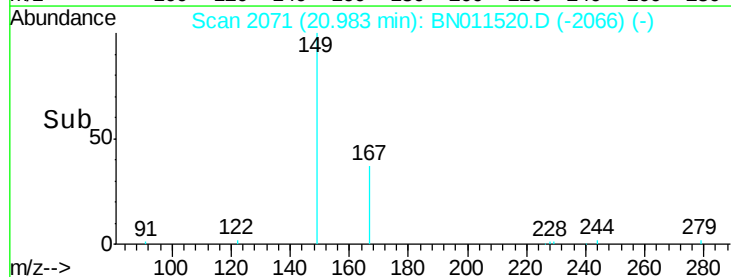
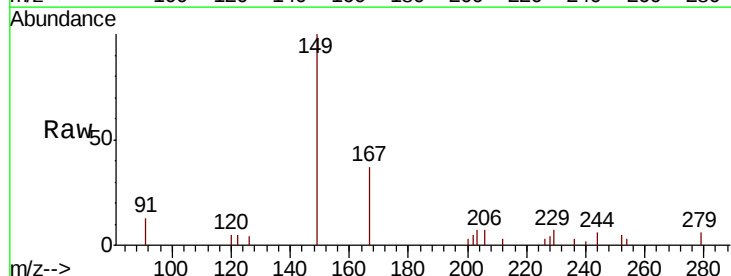
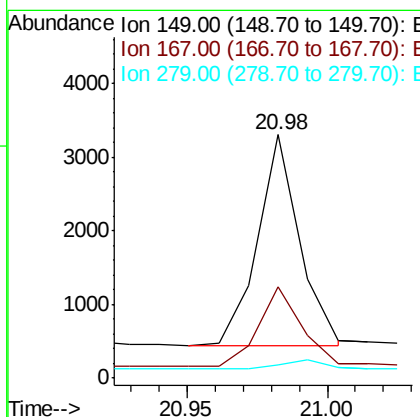
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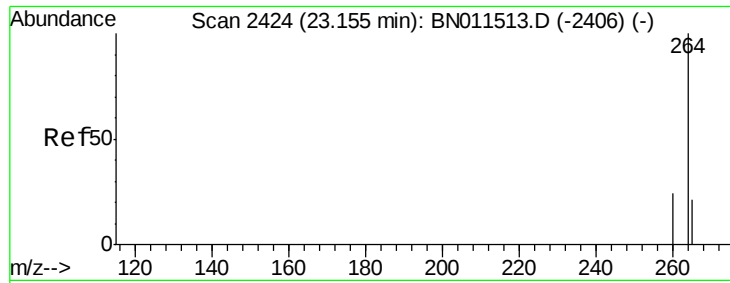
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#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.350 ng
 RT: 20.98 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BN011520.D
 Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	39.6	23.0	34.4#
279	4.7	4.1	6.1





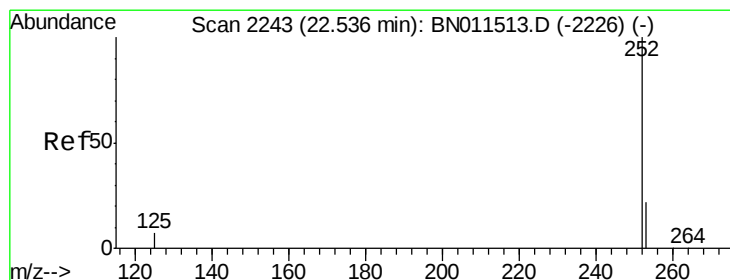
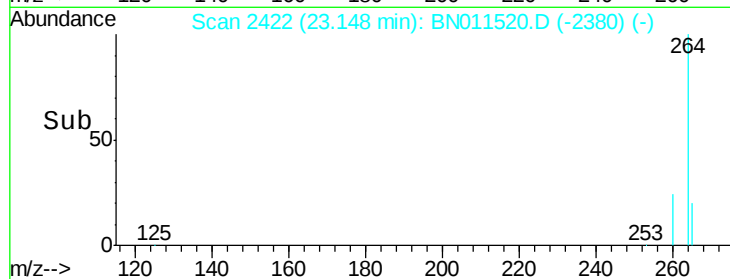
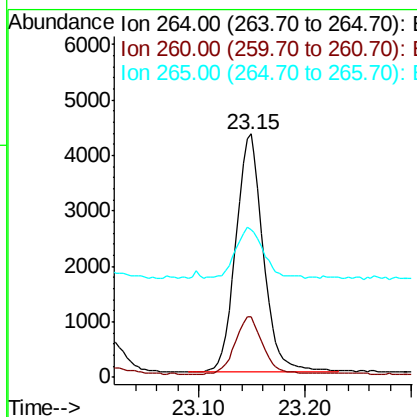
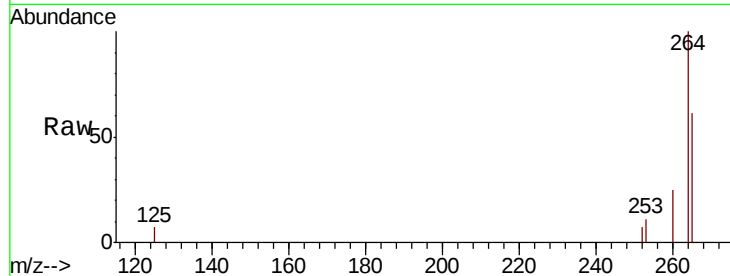
#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampled :
W-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	60.9	62.6	94.0#

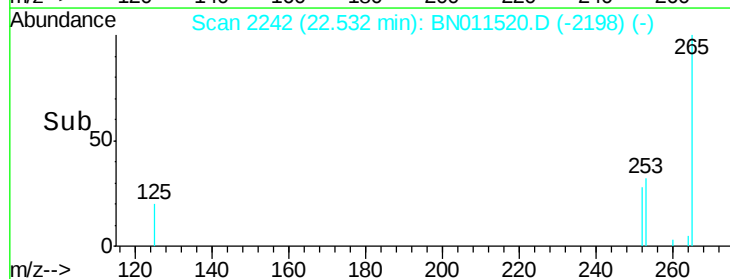
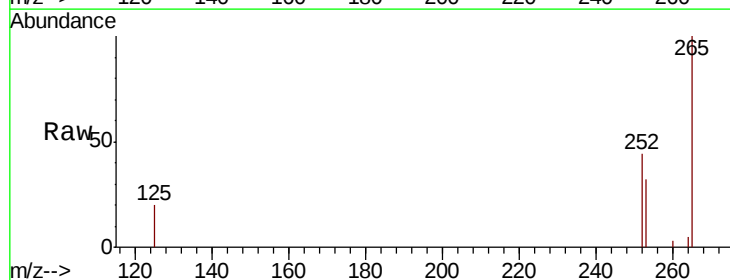
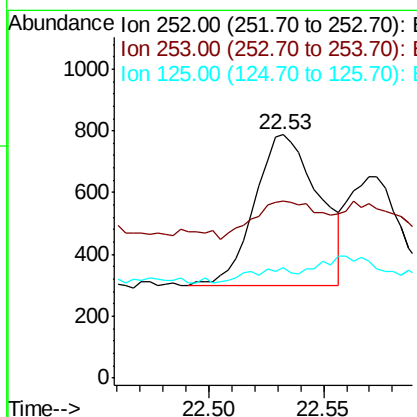
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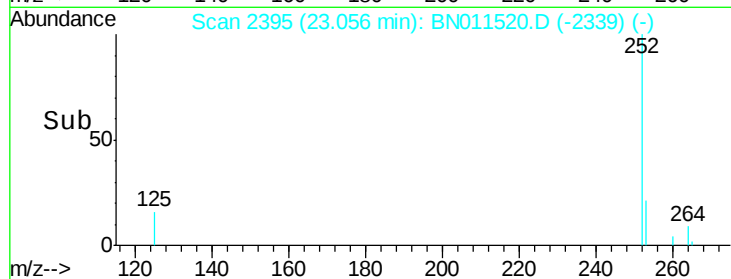
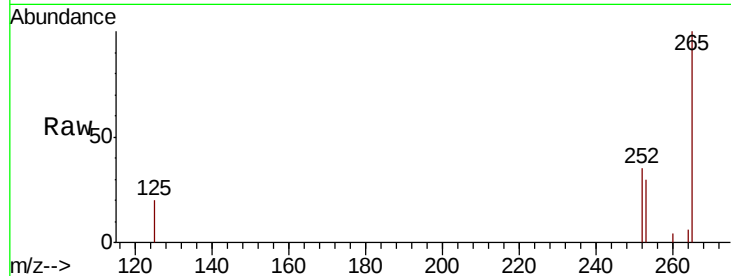
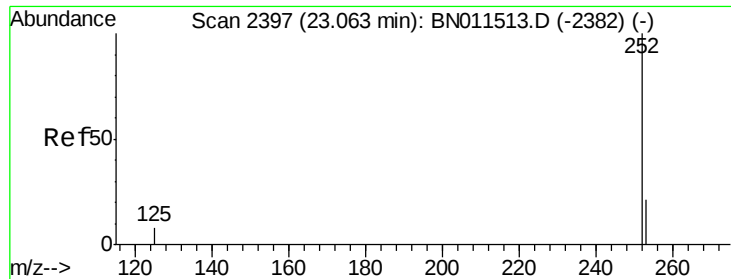
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#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.53 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	72.8	23.0	34.6#
125	45.3	9.0	13.4#





#39

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.06 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN011520.D

Acq: 19 Aug 2020 17:18

Tot Ion:	252	Resp:	603
Ion Ratio	Lower	Upper	
252	100		
253	87.1	25.4	38.0#
125	56.3	11.6	17.4#

Instrument :

BNA_N

ClientSampleId :

W-1

Manual Integrations
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