Quantitation Report (Not Reviewed)

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

Quant Time: Aug 19 17:52:35 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
2) 1,4-Dioxane	3.19	88	100	0.063	ng	#	55
3) n-Nitrosodimethylamine	3.59	42	34	0.052	ng	#	1
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	12675	0.840	ng	#	91
20) 4,6-Dinitro-2-methylphenol	15.27	198	123	0.315	ng	#	1
21) 4-Bromophenyl-phenylether	16.03	248	308	Below Cal		#	1
23) Atrazine	16.34	200	1164	0.363	ng	#	79
24) Pentachlorophenol	16.68	266	53	0.035	ng		90
25) Phenanthrene	16.86	178	45279	2.153	ng	#	91
26) Anthracene	16.92	178	1885	0.105	ng	#	1
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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 15:54:57 2020
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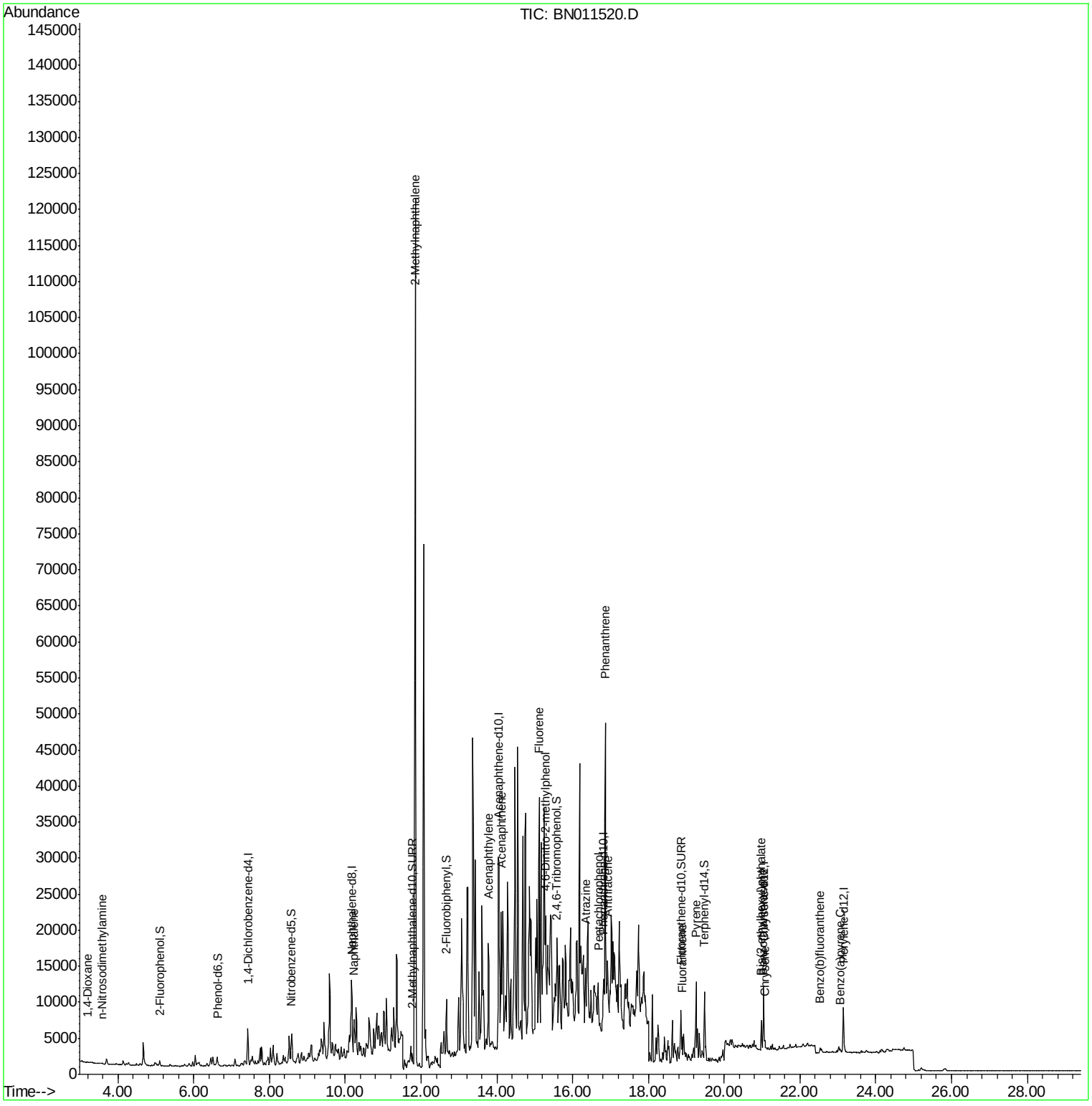
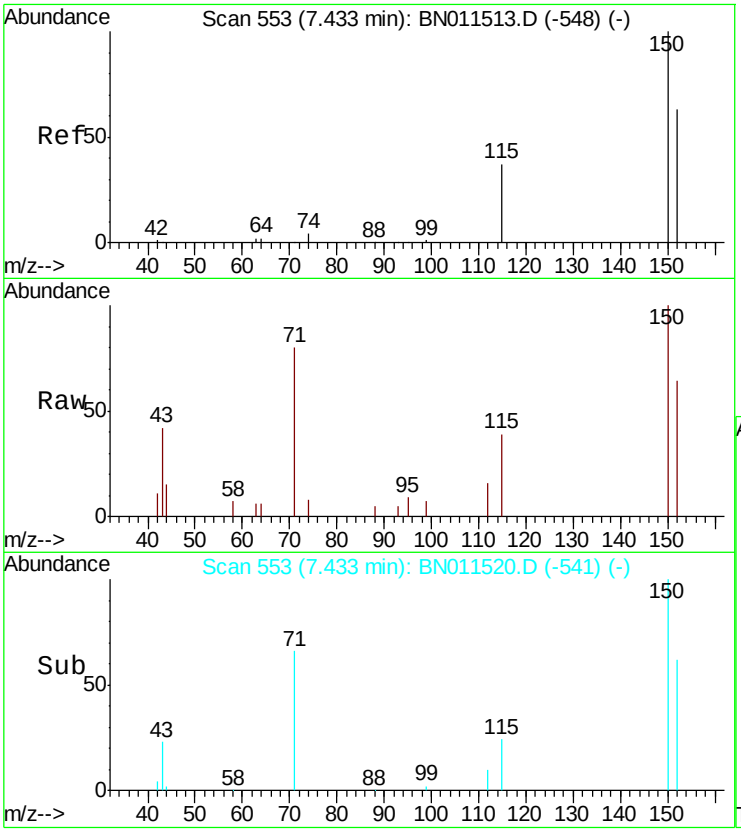


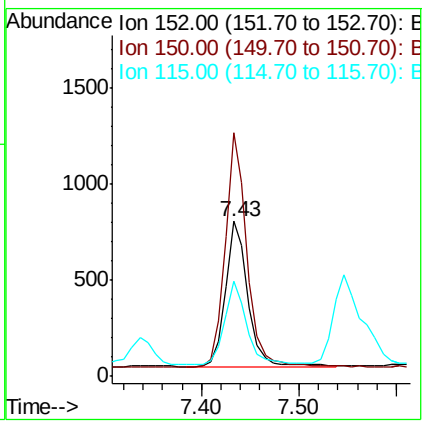


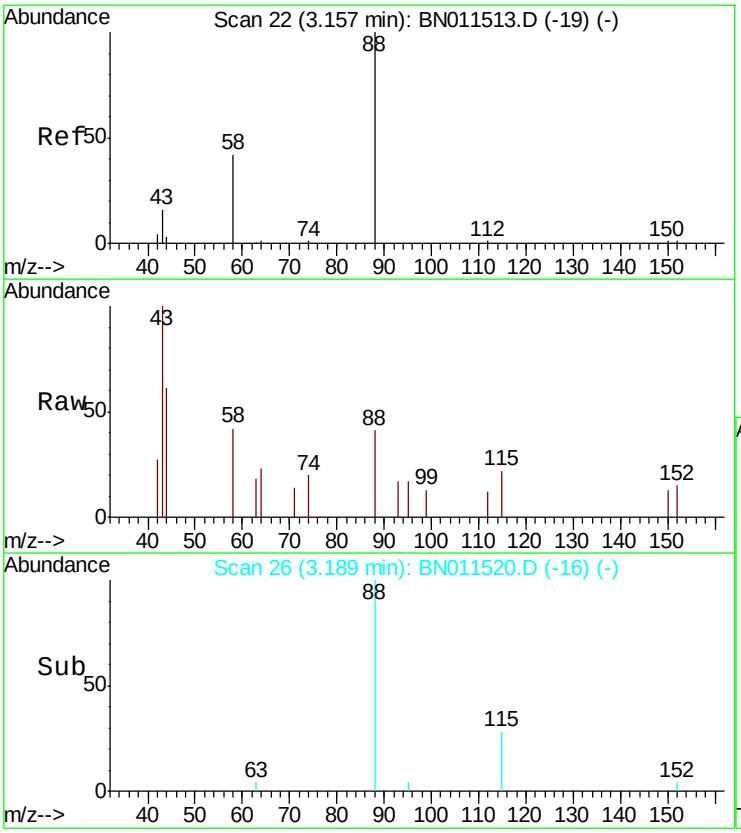
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 553
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:152 Resp: 1217

Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.6	182.4
115	61.7	51.9	77.9

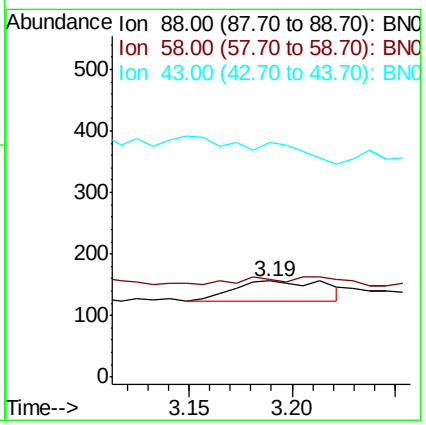


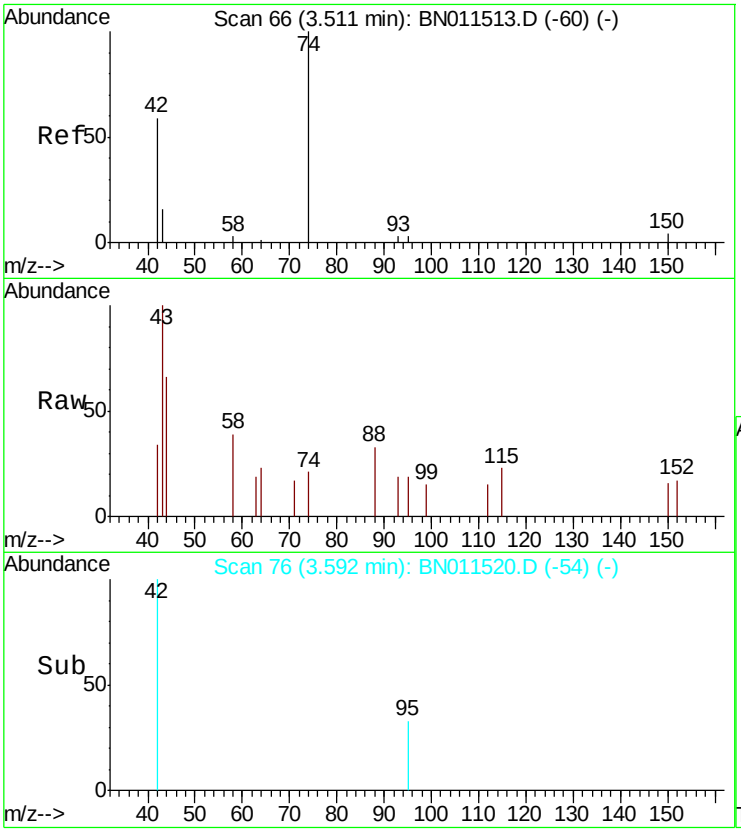


#2
1,4-Dioxane
Concen: 0.063 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.03 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion: 88 Resp: 100

Ion	Ratio	Lower	Upper
88	100		
58	17.0	38.6	57.8#
43	0.0	15.8	23.6#



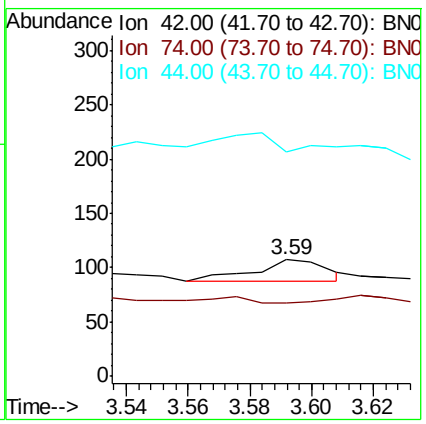


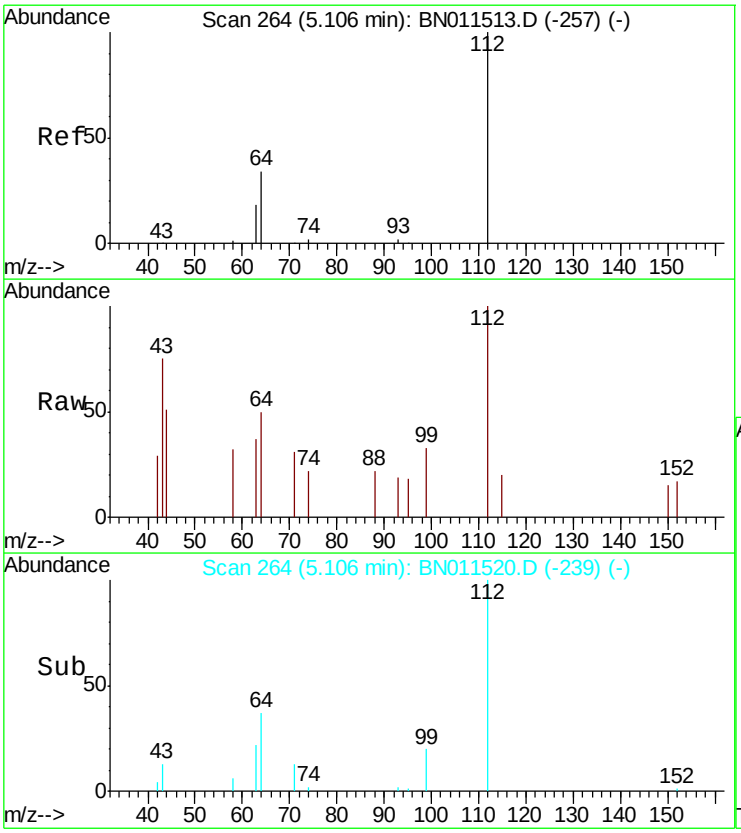
#3
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.59 min Scan# 76
Delta R.T. 0.08 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion: 42 Resp: 34

Ion	Ratio	Lower	Upper
42	100		
74	14.7	150.4	225.6#
44	41.2	0.0	0.0#

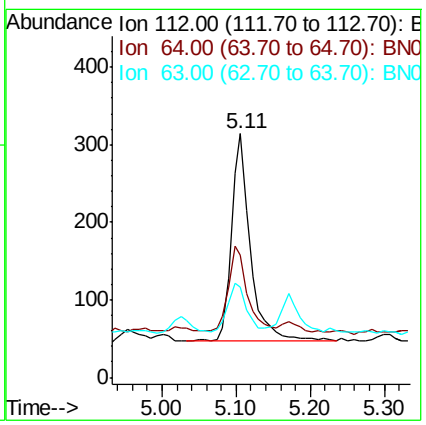


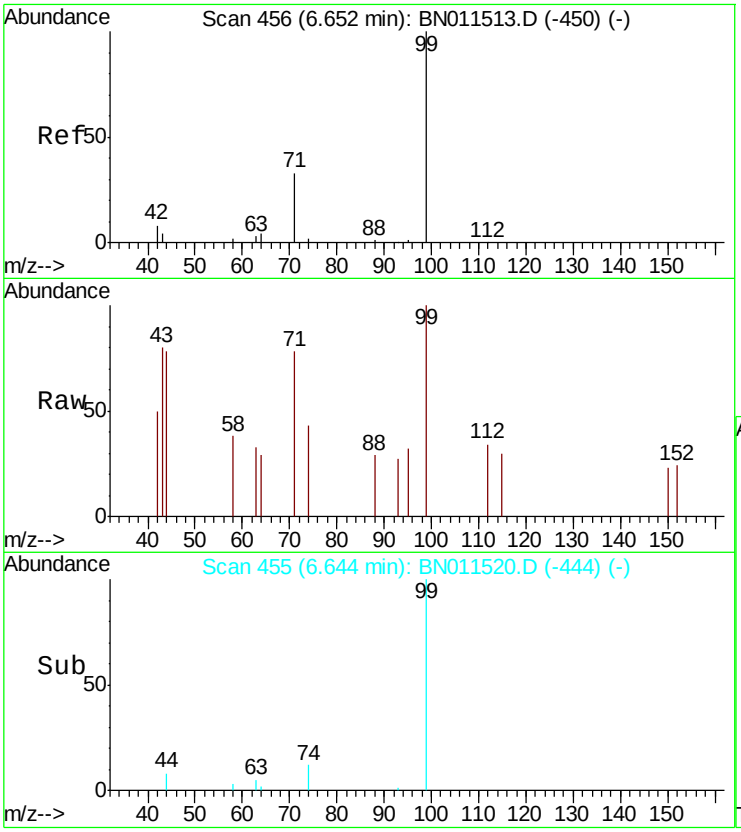


#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.11 min Scan# 264
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

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



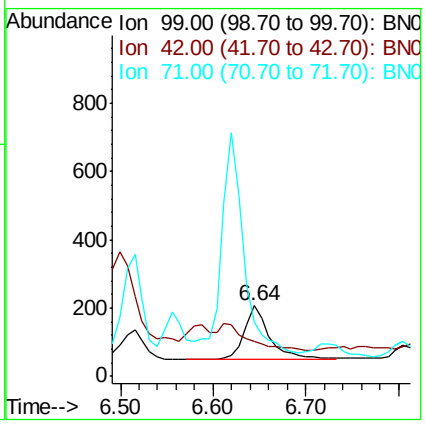


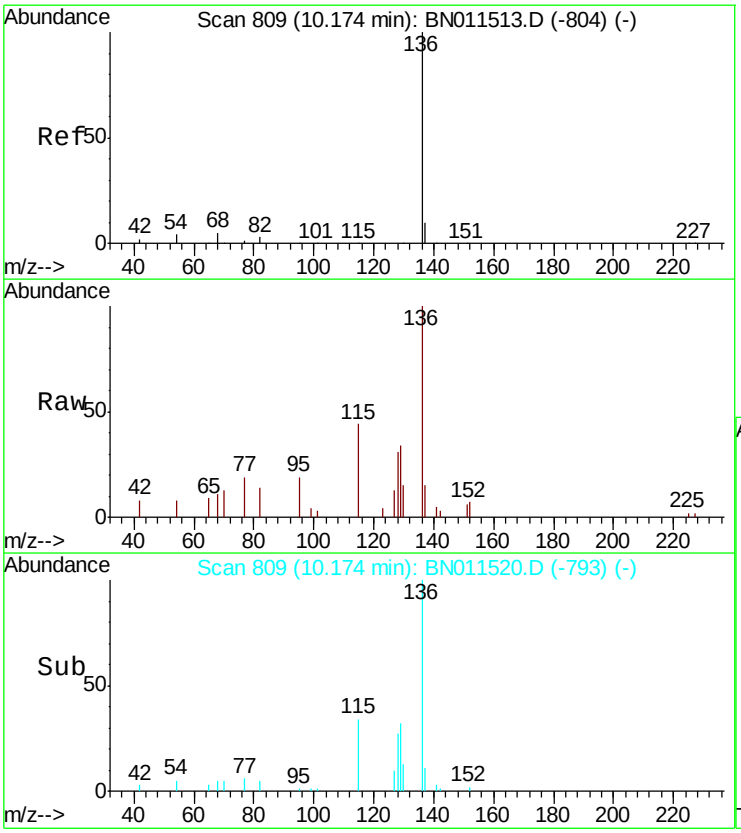
#5
Phenol-d6
Concen: 0.094 ng
RT: 6.64 min Scan# 455
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion: 99 Resp: 310

Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.0	15.0#
71	0.0	31.0	46.4#

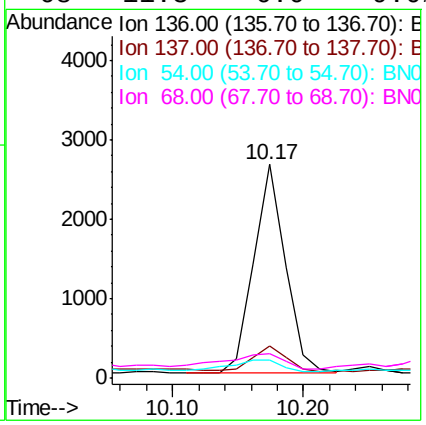


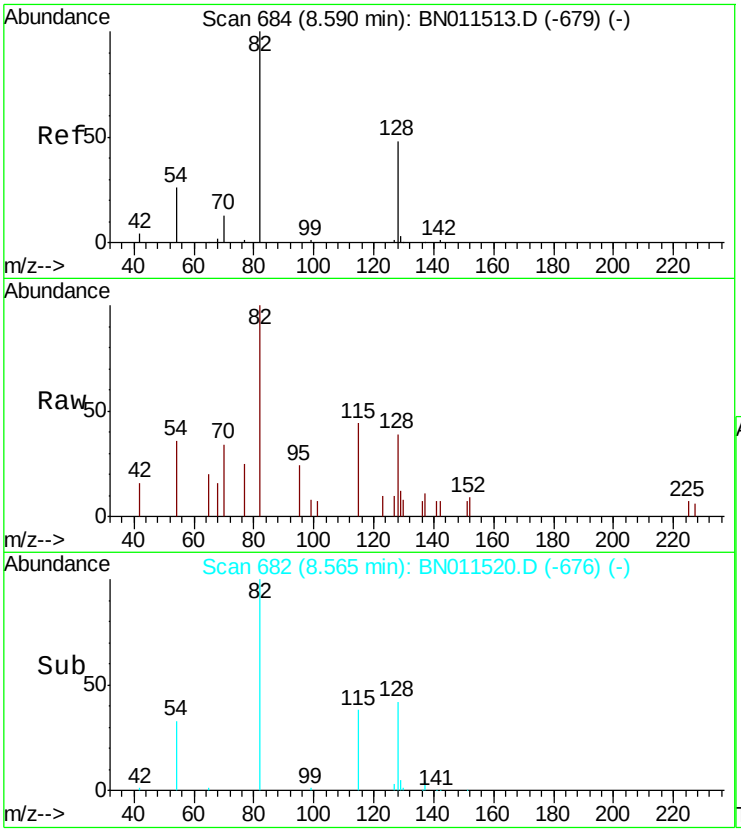


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 809
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

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#



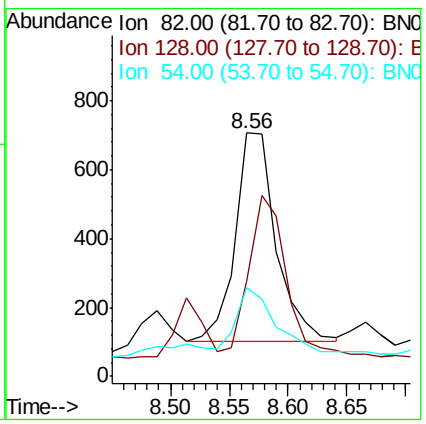


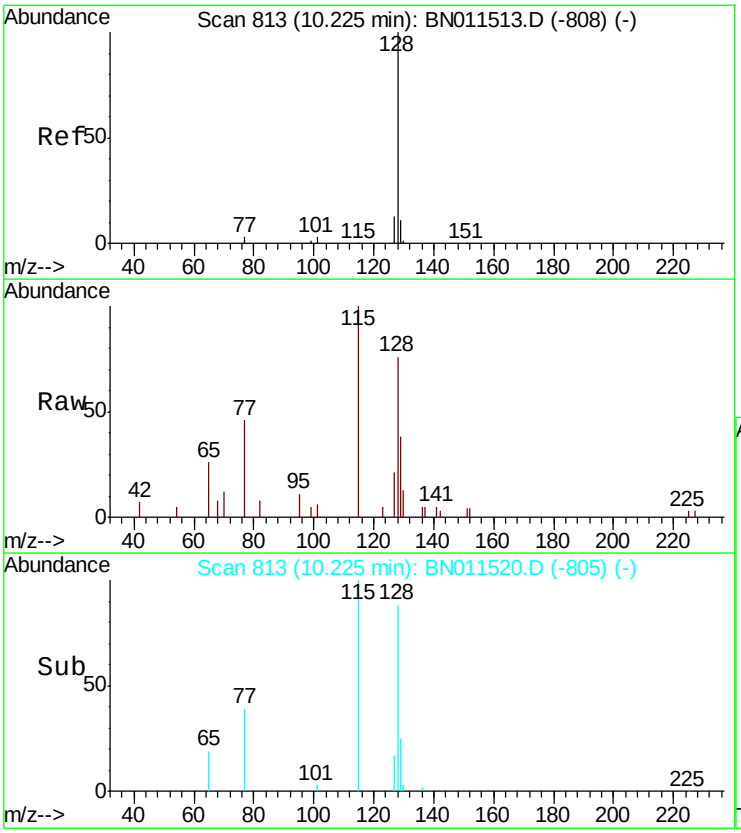
#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.56 min Scan# 682
Delta R.T. -0.03 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion: 82 Resp: 1461

Ion	Ratio	Lower	Upper
82	100		
128	38.9	44.6	66.8#
54	36.5	27.6	41.4

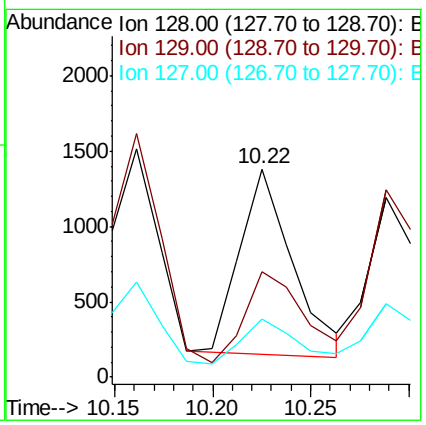


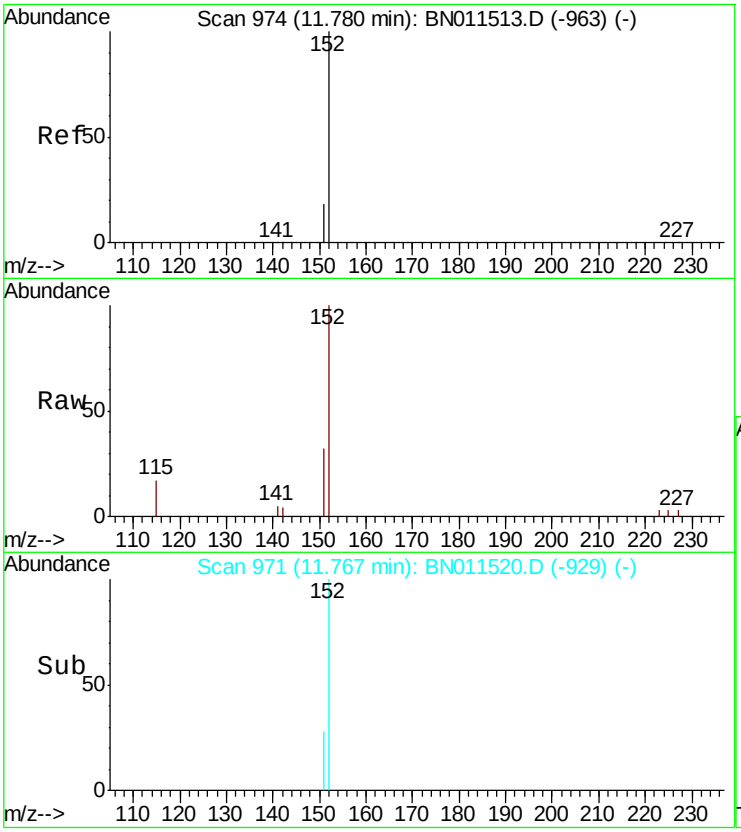


#9
Naphthalene
Concen: 0.179 ng
RT: 10.22 min Scan# 813
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

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#



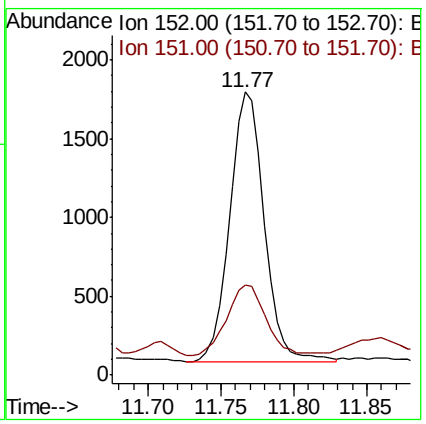


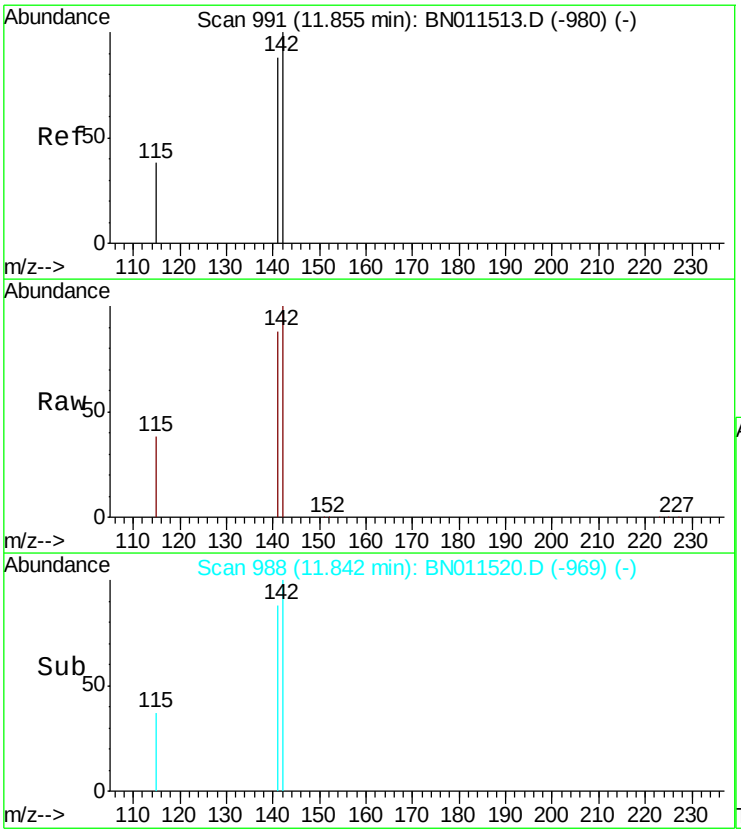
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.77 min Scan# 971
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:152 Resp: 2853

Ion	Ratio	Lower	Upper
152	100		
151	31.2	16.2	24.4#

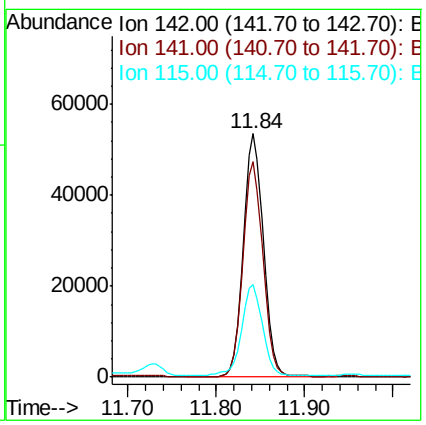


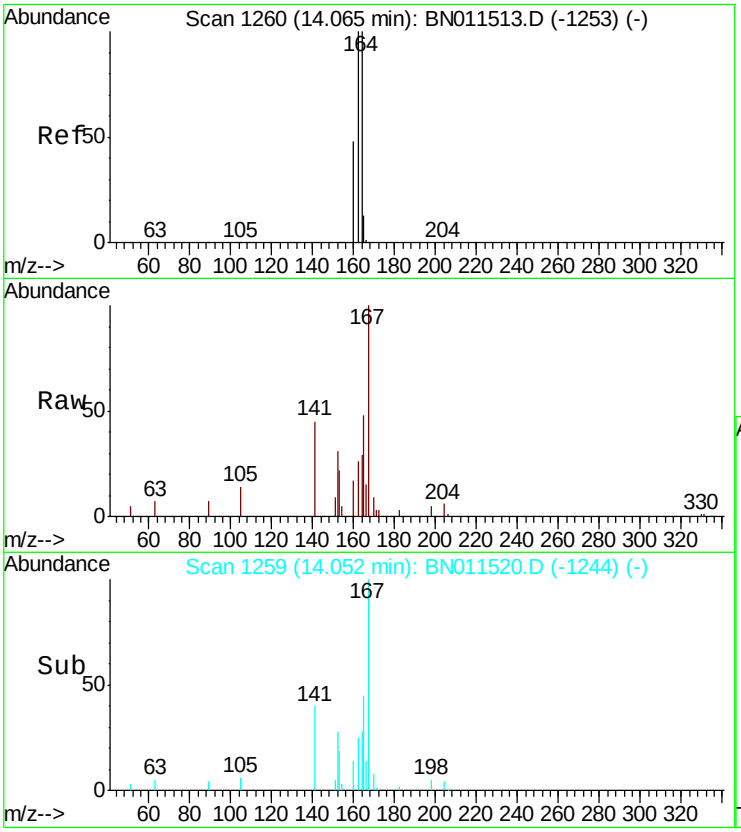


#12
2-Methylnaphthalene
Concen: 8.910 ng
RT: 11.84 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

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



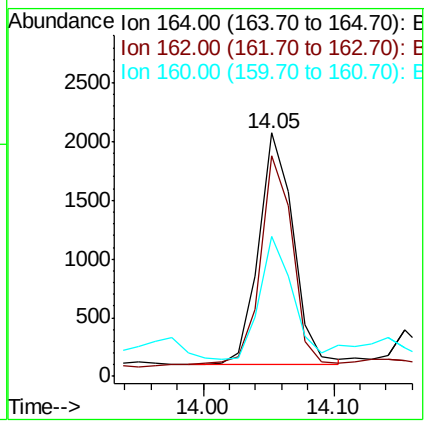


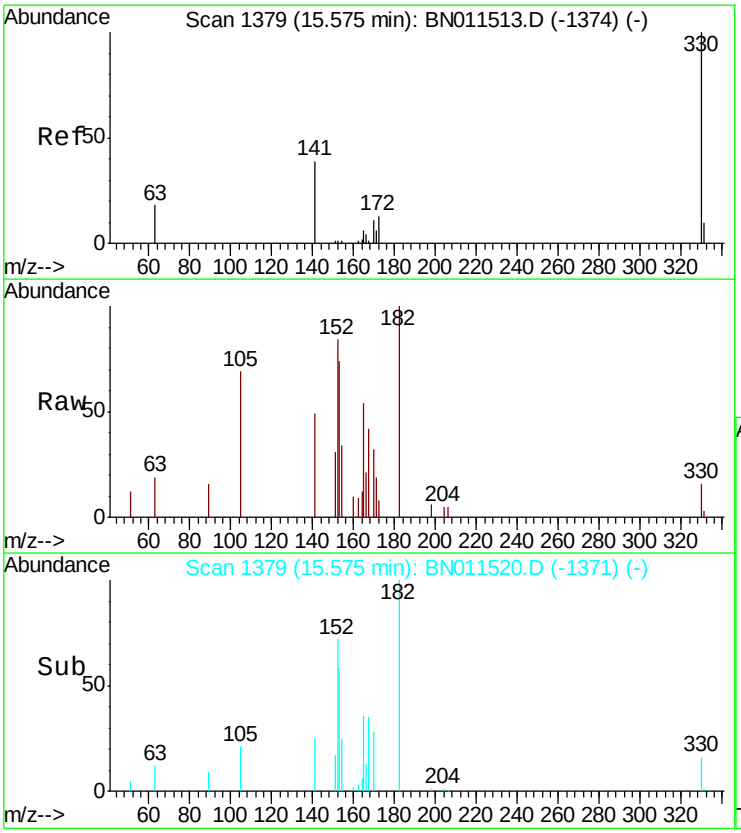
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:164 Resp: 3619

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

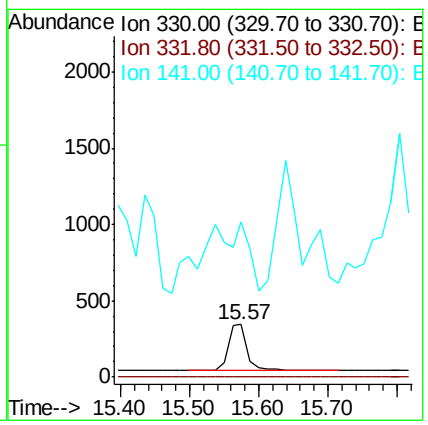


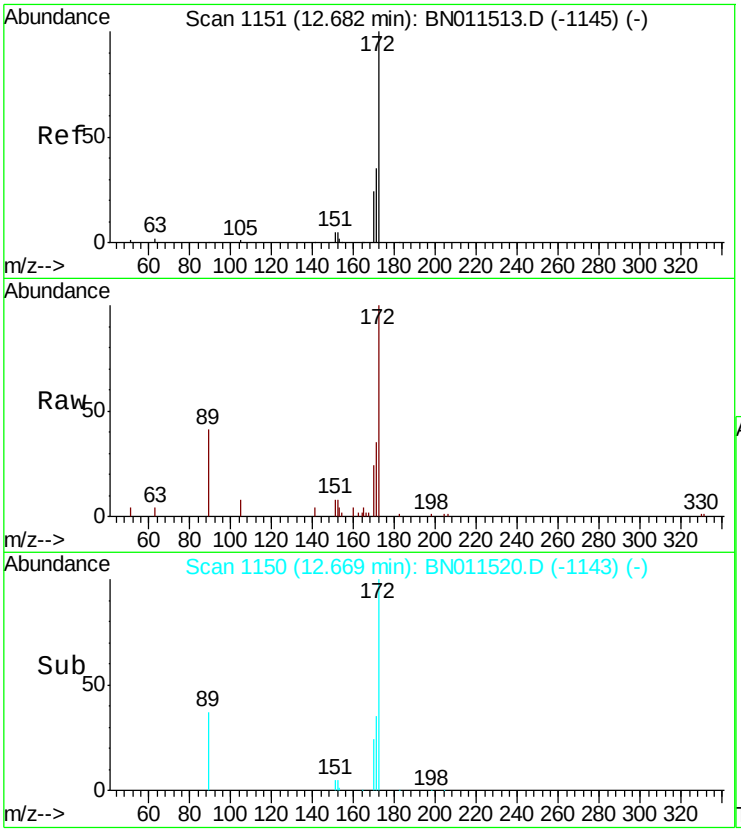


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.57 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:330 Resp: 570

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



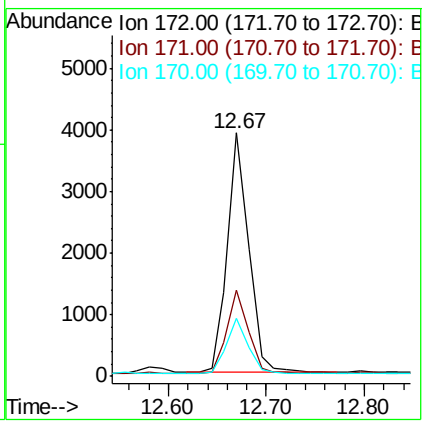


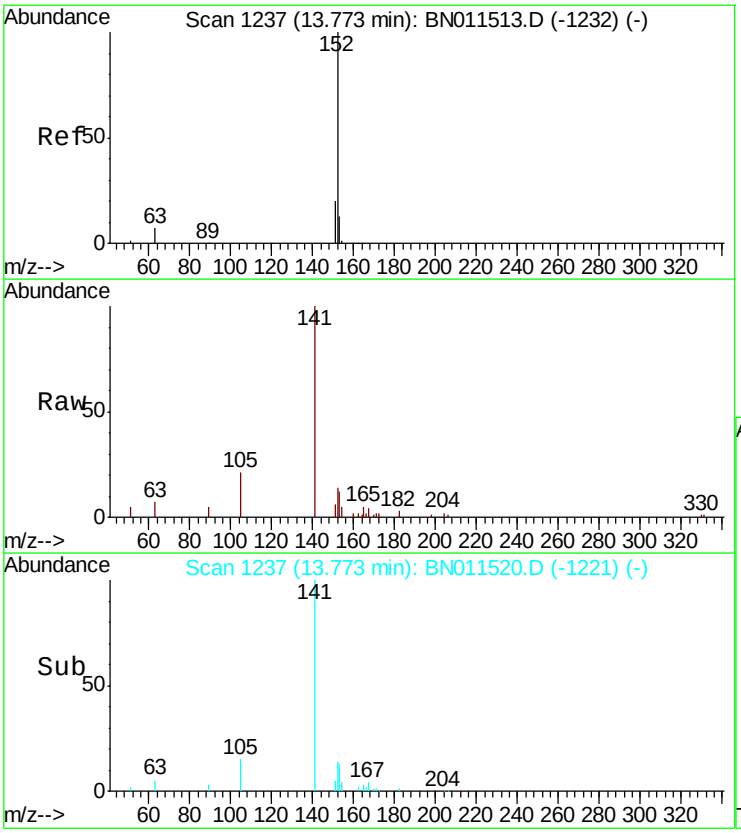
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.67 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:172 Resp: 5823

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

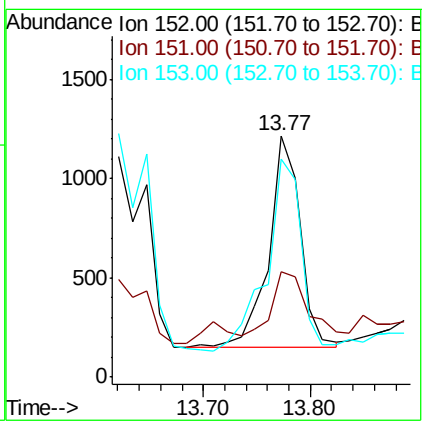


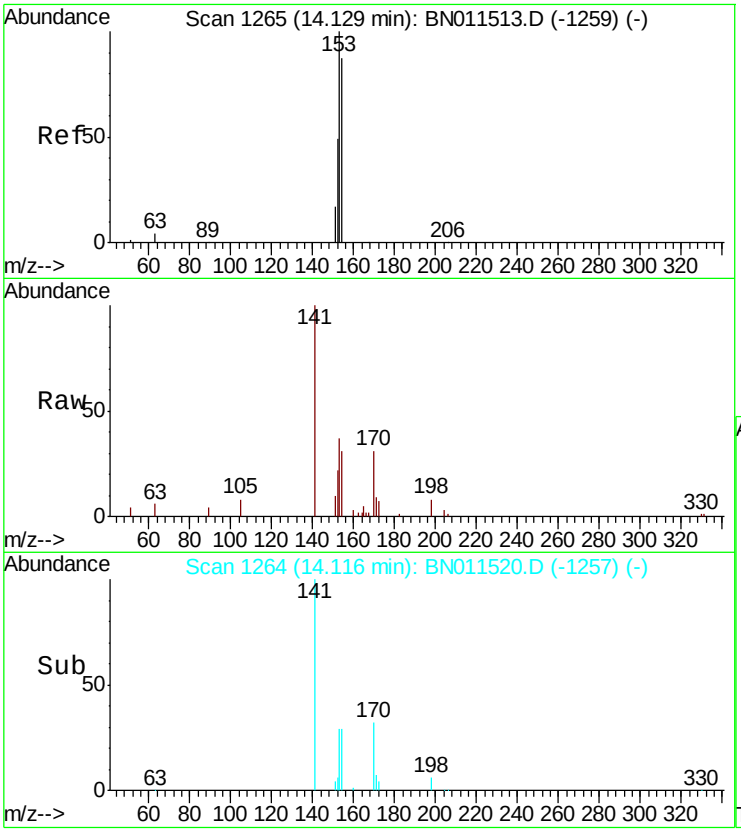


#16
Acenaphthylene
Concen: 0.120 ng
RT: 13.77 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:152 Resp: 2180

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



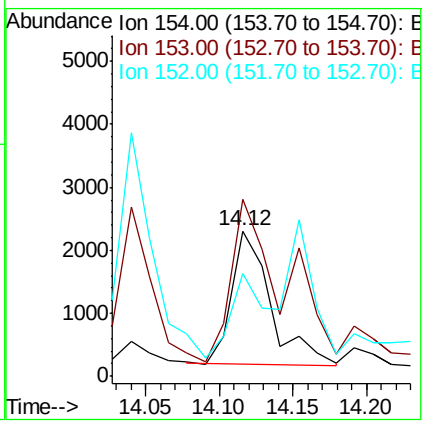


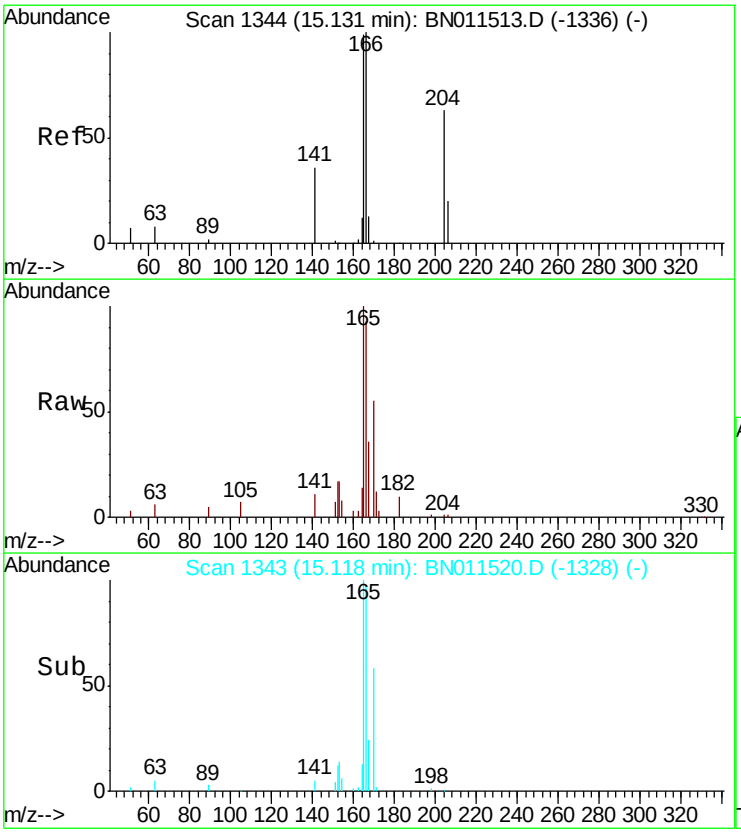
#17
Acenaphthene
Concen: 0.328 ng
RT: 14.12 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:154 Resp: 3851

Ion	Ratio	Lower	Upper
154	100		
153	188.0	92.1	138.1#
152	0.0	46.4	69.6#

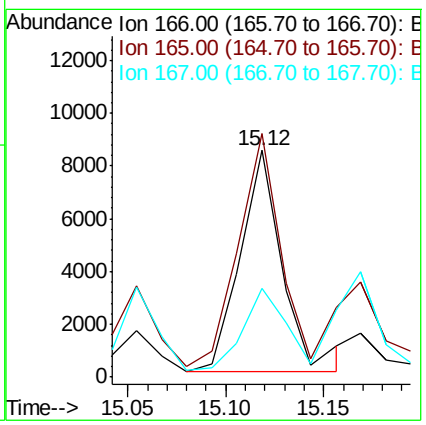


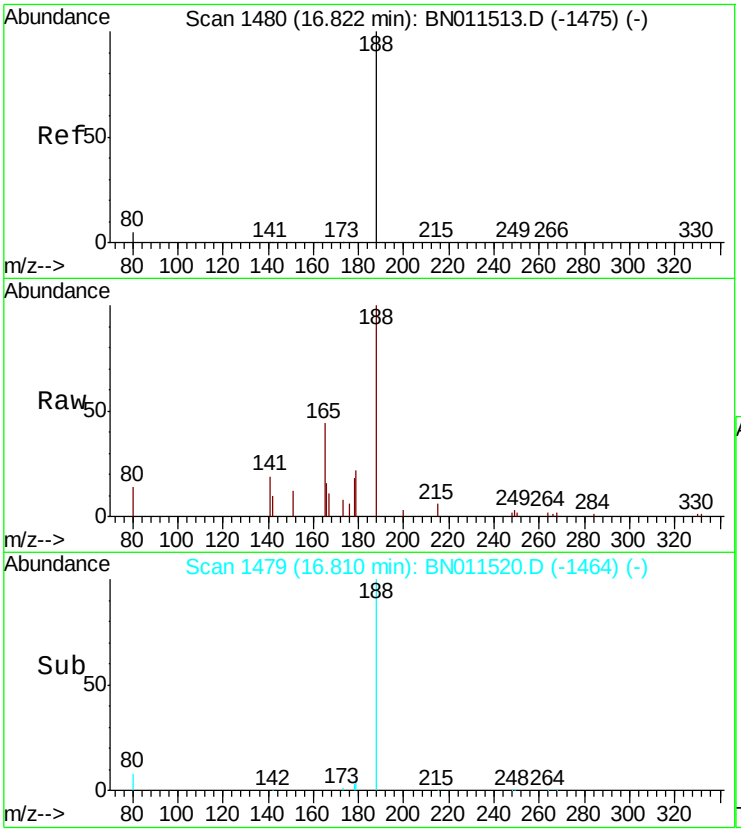


#18
Fluorene
Concen: 0.840 ng
RT: 15.12 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:166 Resp: 12675

Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.4	120.6
167	37.9	10.7	16.1#



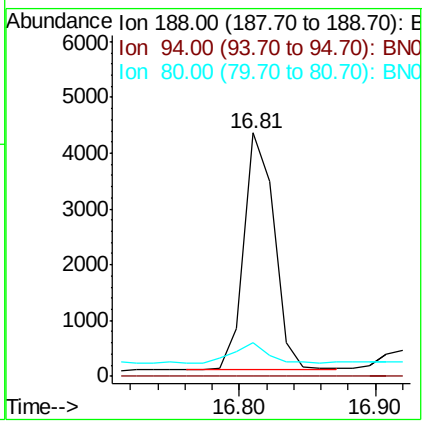


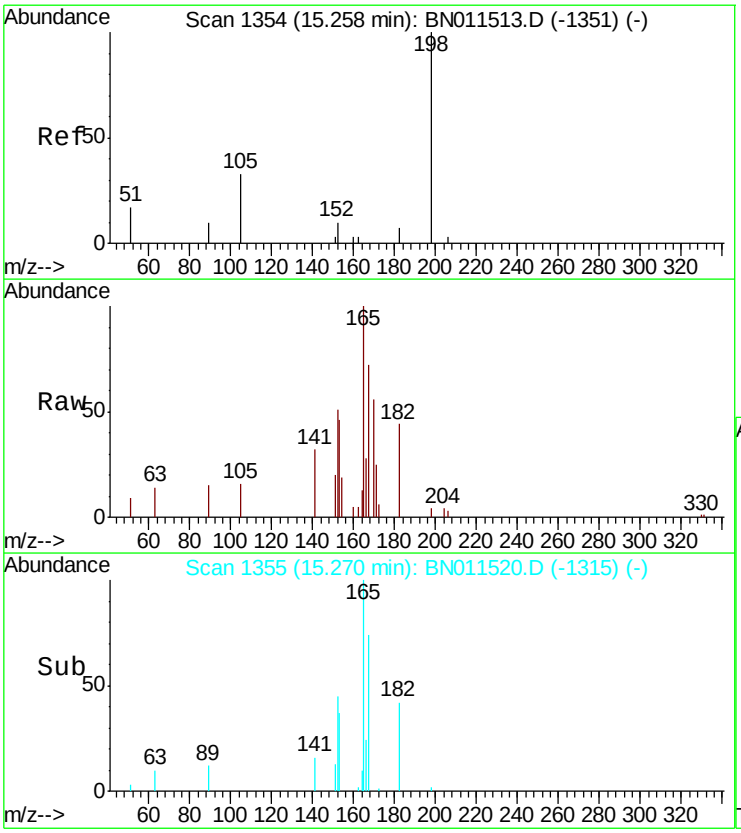
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:188 Resp: 6599

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

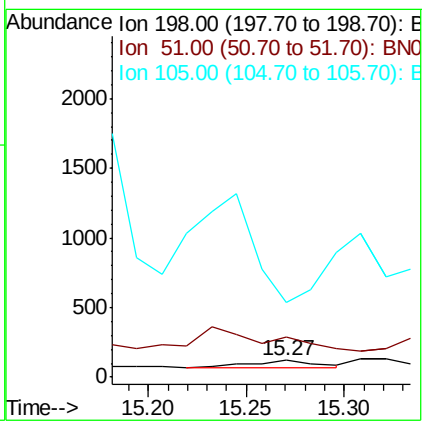


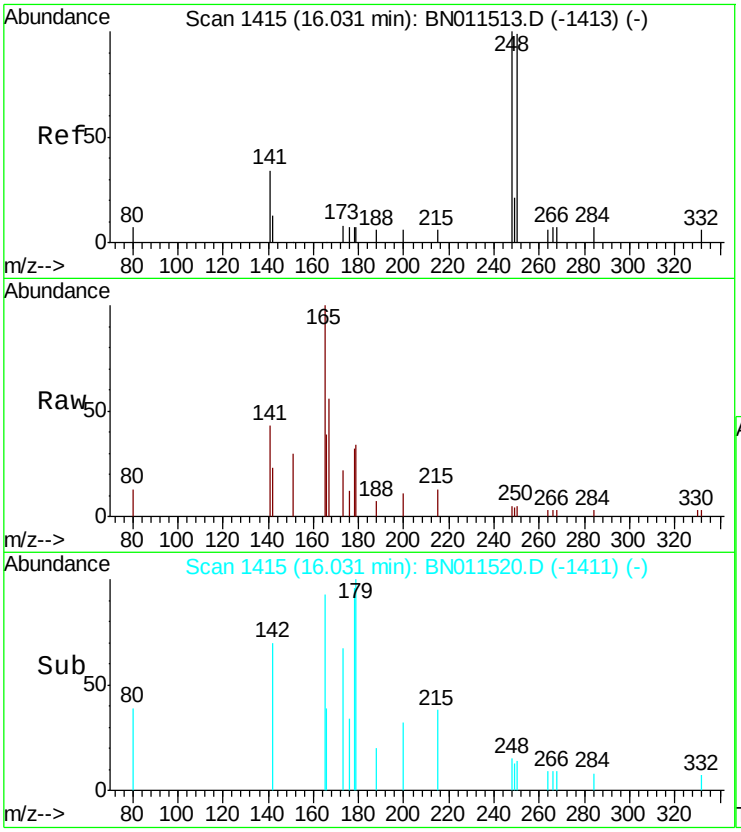


#20
4,6-Dinitro-2-methylphenol
Concen: 0.315 ng
RT: 15.27 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:198 Resp: 123

Ion	Ratio	Lower	Upper
198	100		
51	232.8	75.8	113.6#
105	438.5	65.3	97.9#



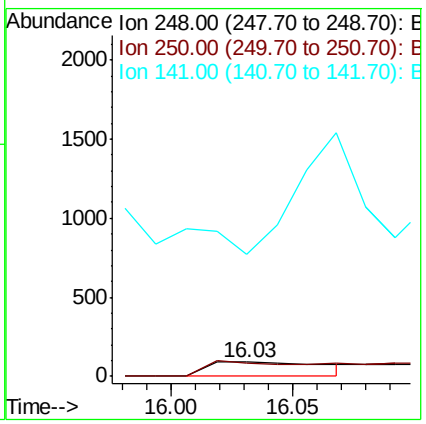


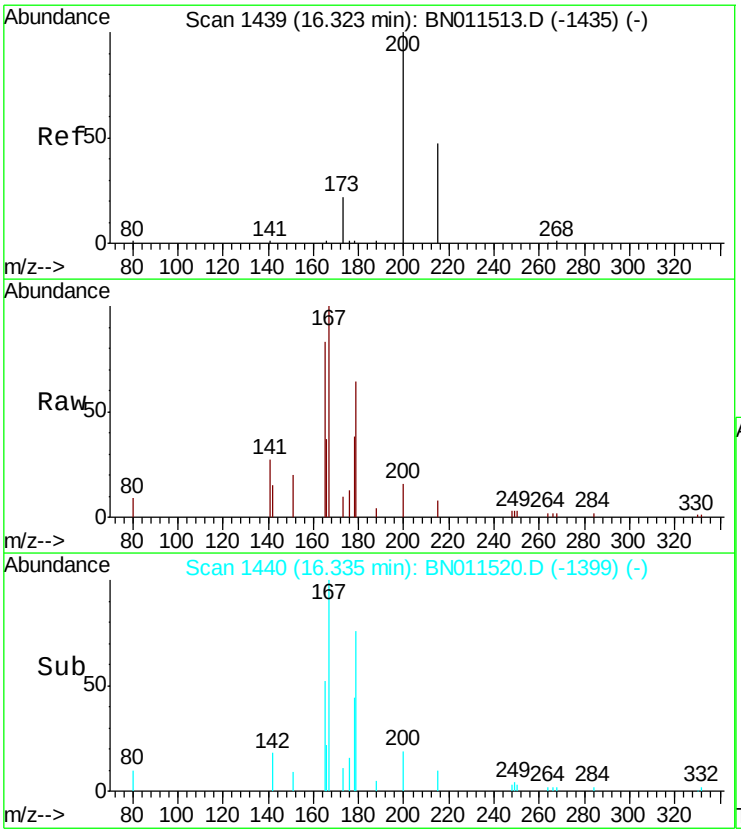
#21
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.03 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:248 Resp: 308

Ion	Ratio	Lower	Upper
248	100		
250	94.4	79.4	119.0
141	856.7	40.8	61.2#

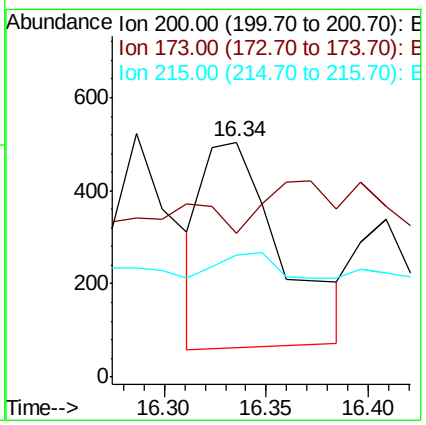


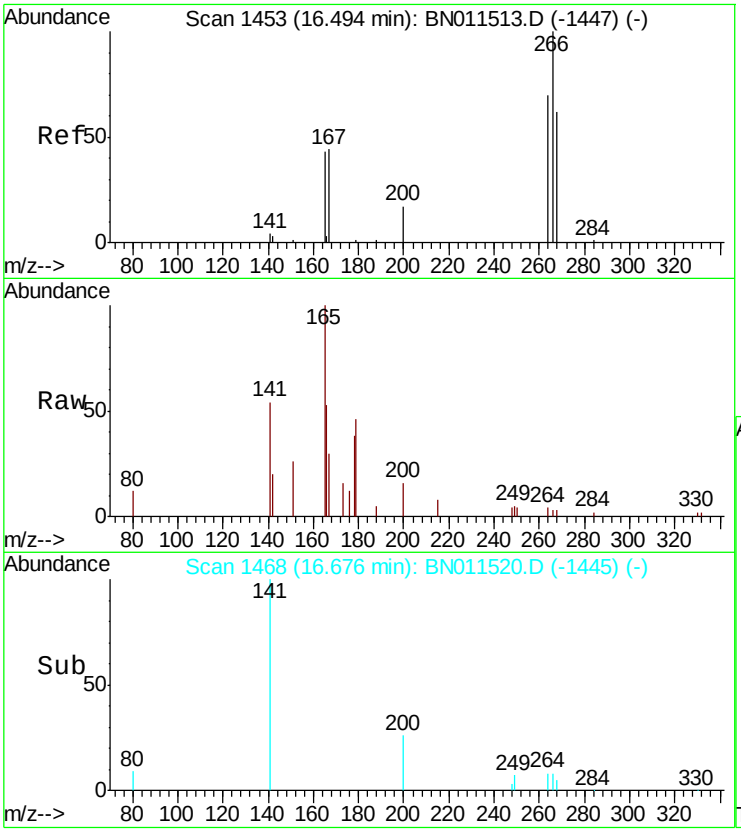


#23
Atrazine
Concen: 0.363 ng
RT: 16.34 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:200 Resp: 1164

Ion	Ratio	Lower	Upper
200	100		
173	61.3	24.0	36.0#
215	52.2	42.2	63.4



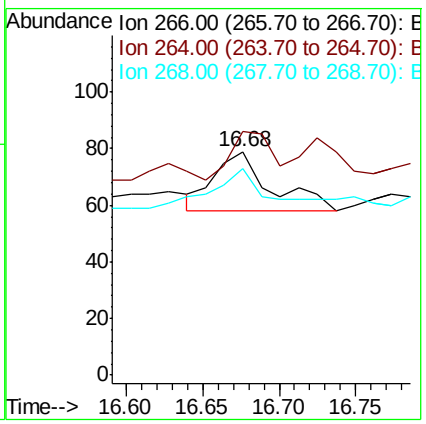


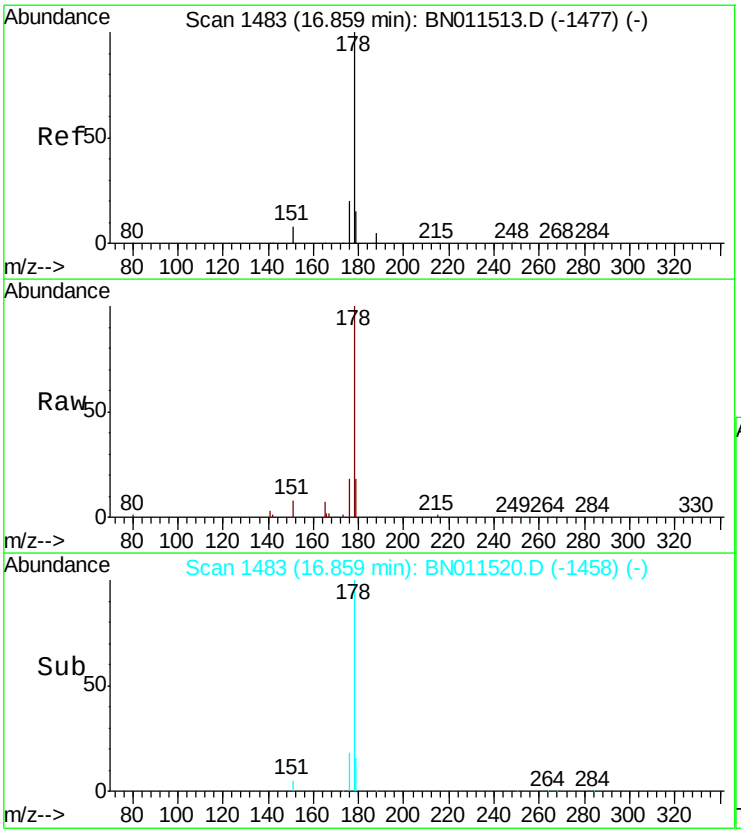
#24
Pentachlorophenol
Concen: 0.035 ng
RT: 16.68 min Scan# 1468
Delta R.T. 0.18 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
264	58.5	53.7	80.5
268	58.5	53.0	79.4

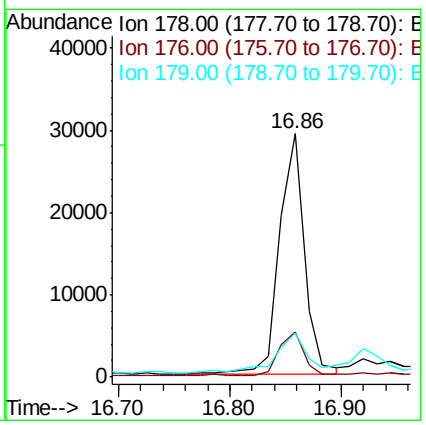


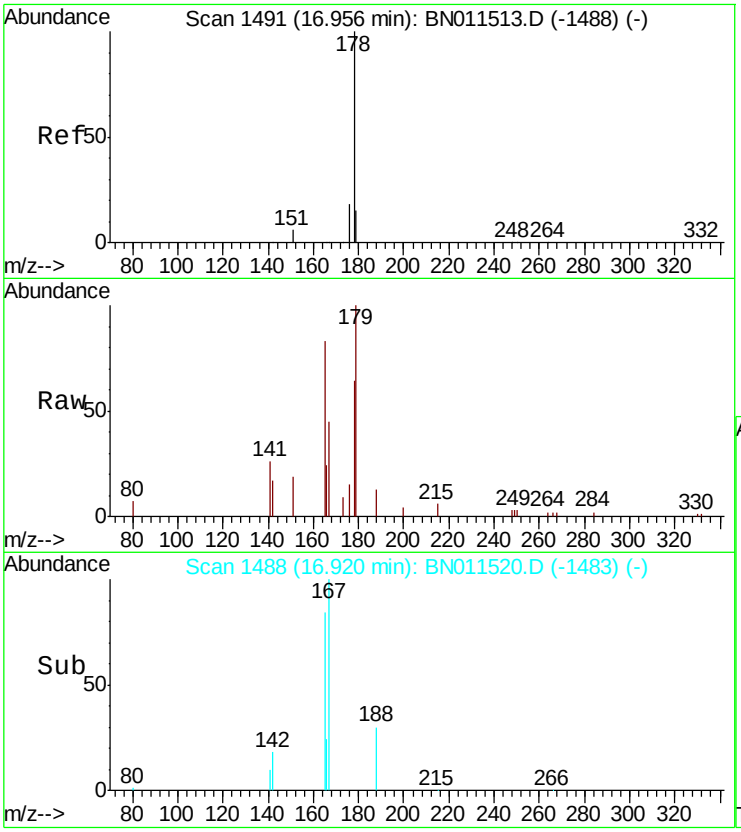


#25
Phenanthrene
Concen: 2.153 ng
RT: 16.86 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:178 Resp: 45279

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



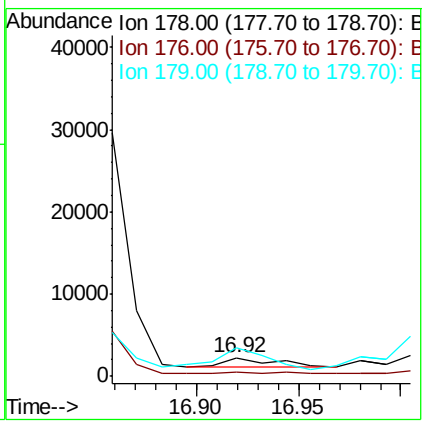


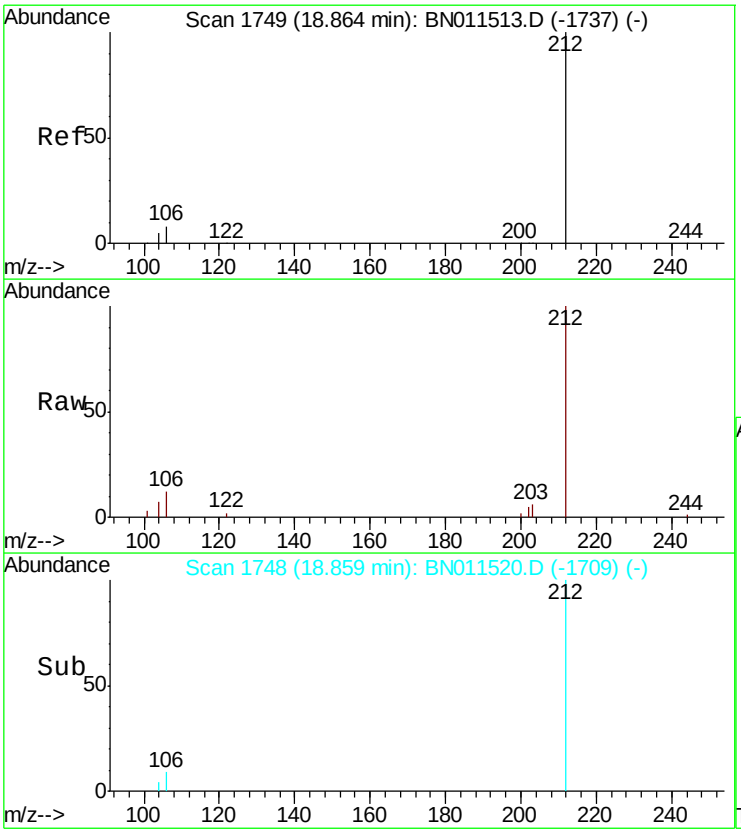
#26
Anthracene
Concen: 0.105 ng
RT: 16.92 min Scan# 1488
Delta R.T. -0.04 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:178 Resp: 1885

Ion	Ratio	Lower	Upper
178	100		
176	14.8	14.4	21.6
179	247.5	12.2	18.2#

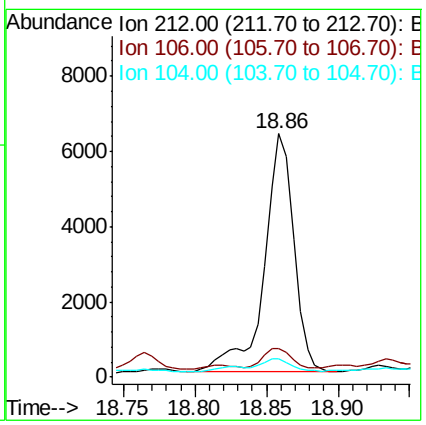


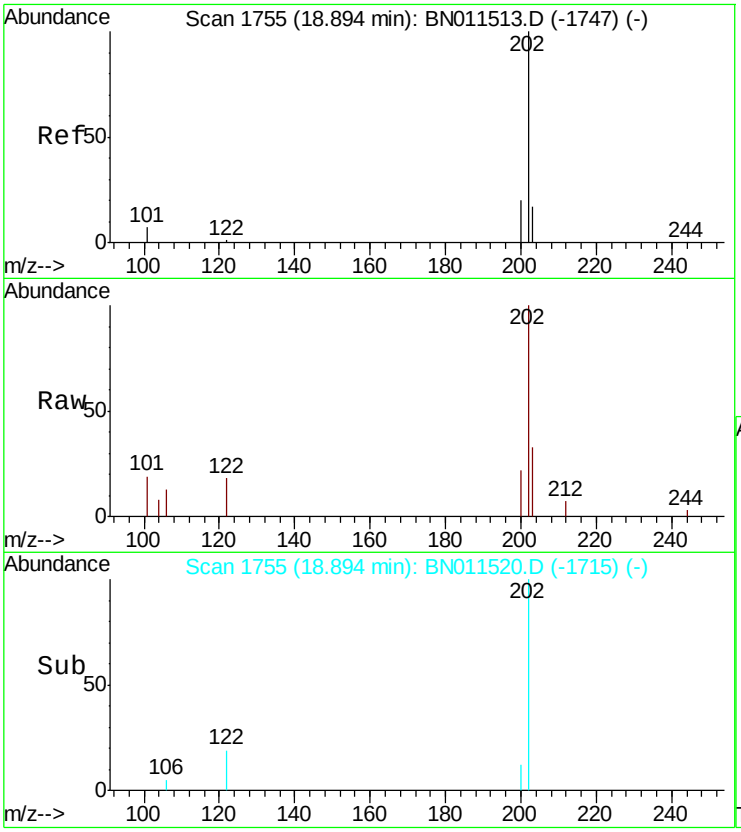


#27
Fluoranthene-d10
Concen: 0.450 ng
RT: 18.86 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:212 Resp: 9051

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



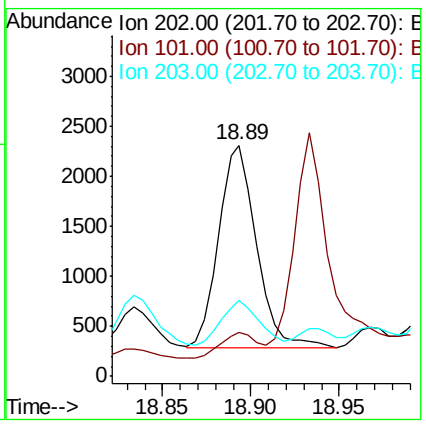


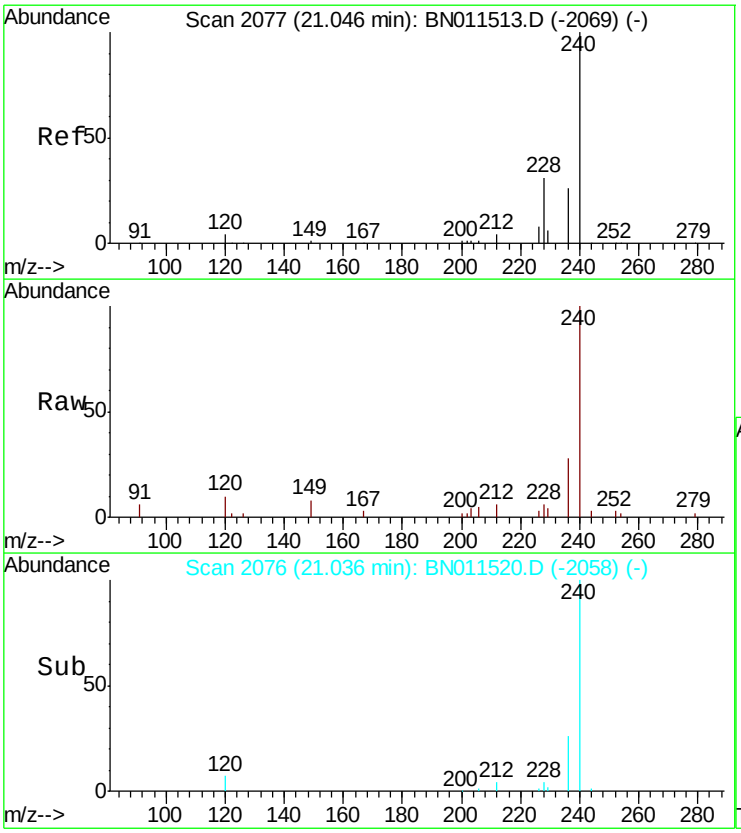
#28
Fluoranthene
Concen: 0.121 ng
RT: 18.89 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:202 Resp: 3019

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

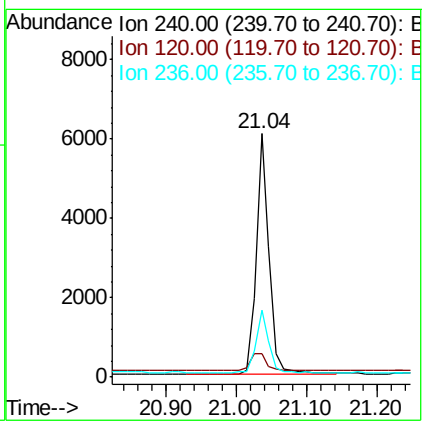


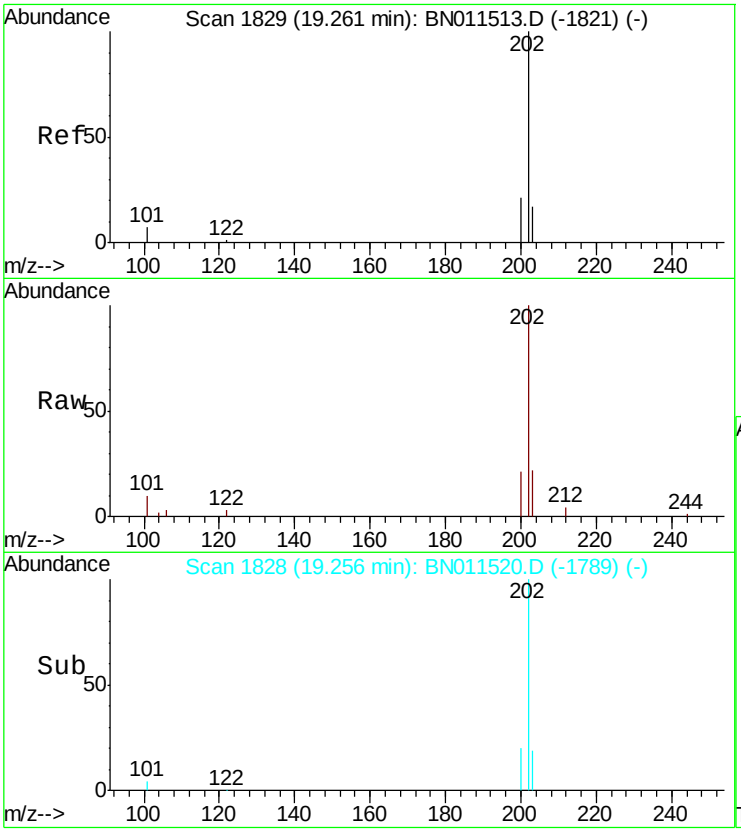


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:240 Resp: 7837

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



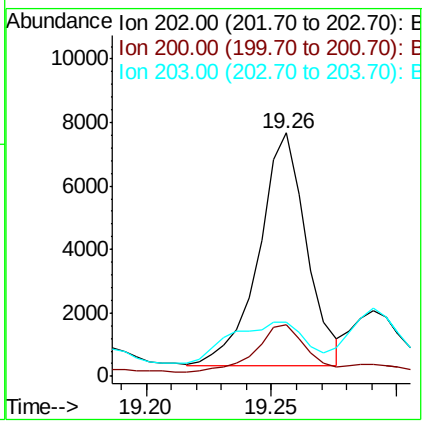


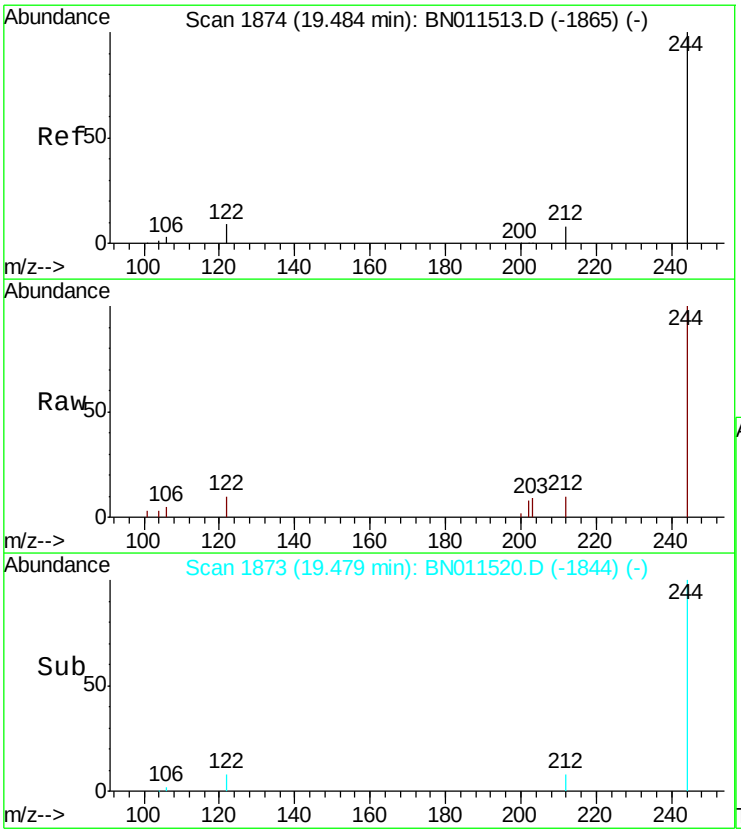
#30
Pyrene
Concen: 0.379 ng
RT: 19.26 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:202 Resp: 9794

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

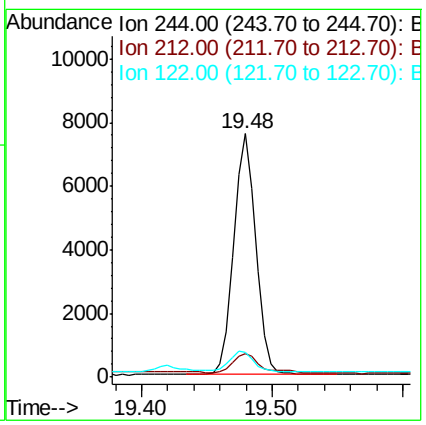


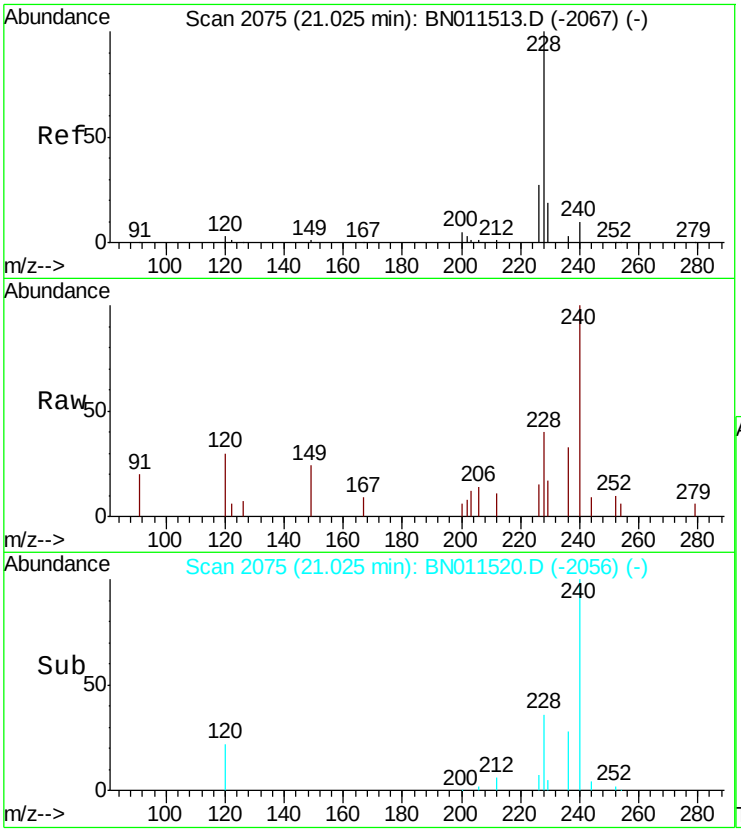


#31
Terphenyl-d14
Concen: 0.521 ng
RT: 19.48 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:244 Resp: 9035

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



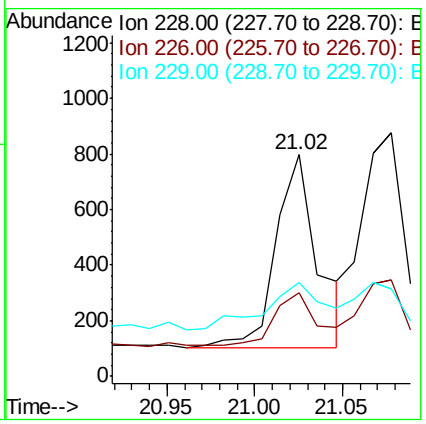


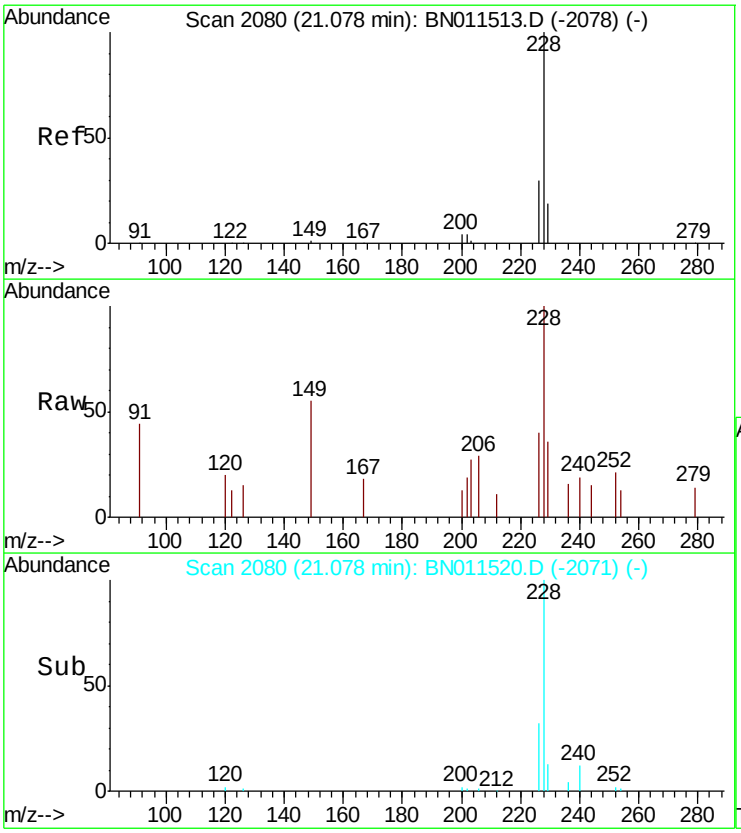
#32
Benzo(a)anthracene
Concen: 0.049 ng
RT: 21.02 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:228 Resp: 1162

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

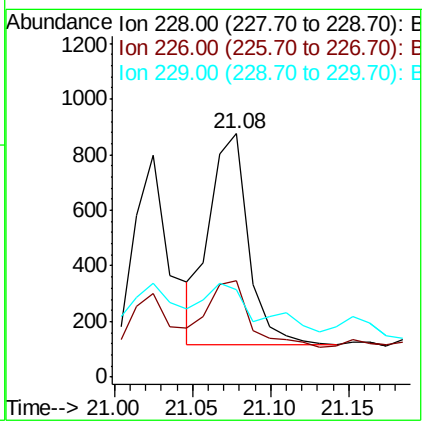


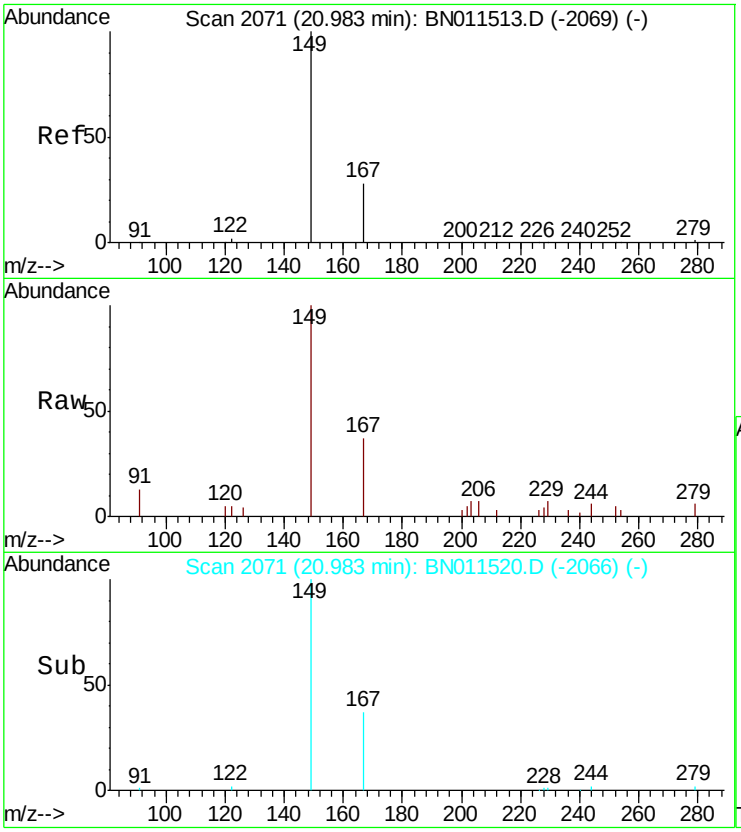


#33
Chrysene
Concen: 0.049 ng
RT: 21.08 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:228 Resp: 1331

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



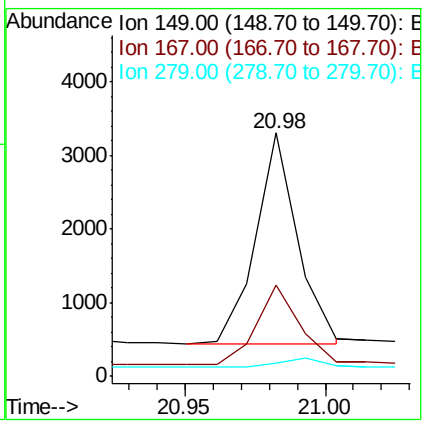


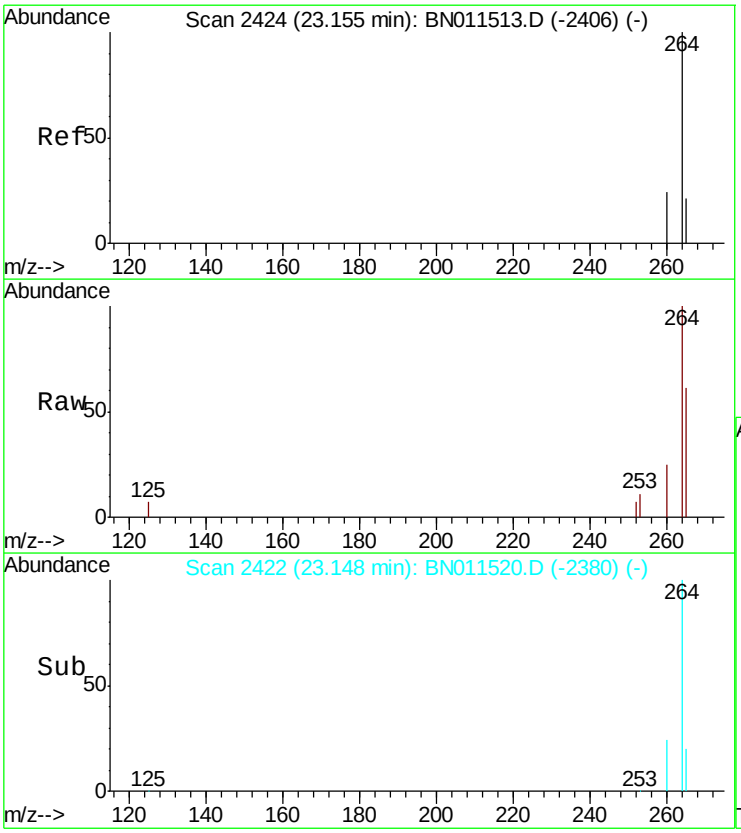
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 20.98 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:149 Resp: 2980

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

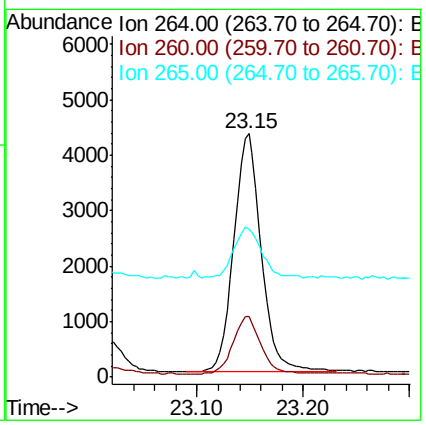


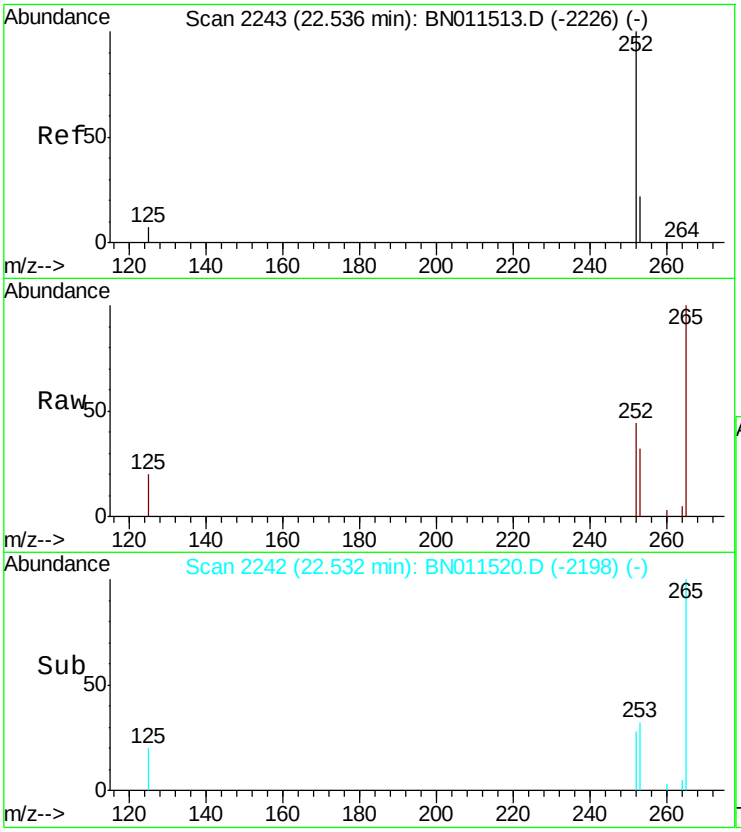


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Tgt Ion:264 Resp: 7763

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



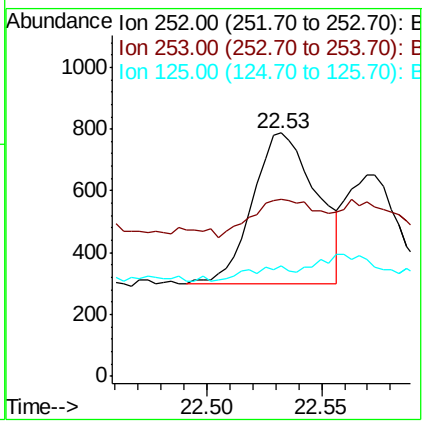


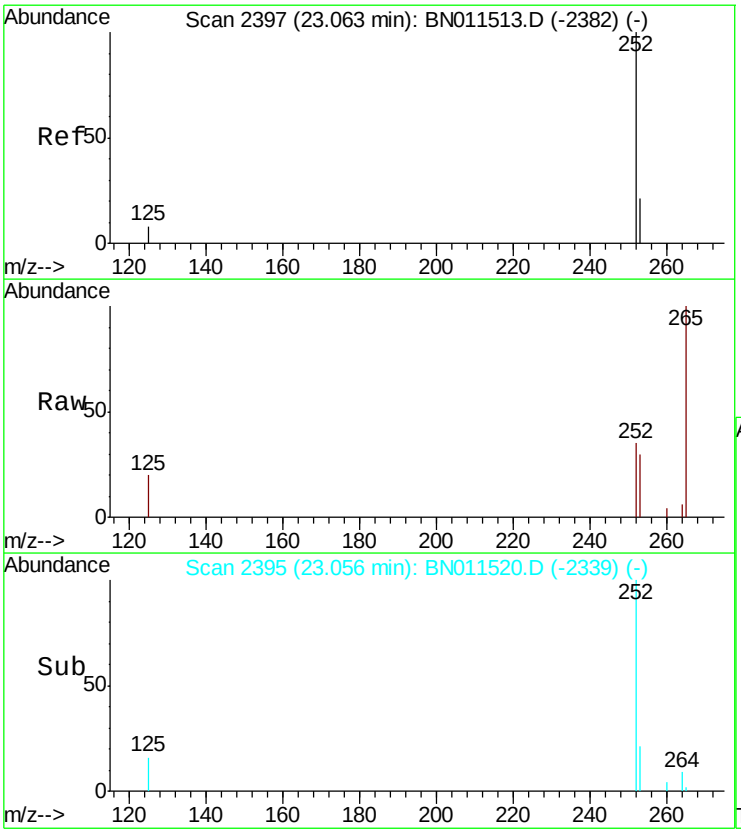
#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.53 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BN011520.D
Acq: 19 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
W-1

Tgt Ion:252 Resp: 945

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

Tgt Ion:252 Resp: 603

Ion	Ratio	Lower	Upper
252	100		
253	87.1	25.4	38.0#
125	56.3	11.6	17.4#