Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009775.D
Acq On : 19 Feb 2020 12:56
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 19 13:52:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 13:45:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	923	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	3126	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	1993	0.40	ng		-0.01
19) Phenanthrene-d10	16.82	188	4520	0.40	ng		0.00
27) Chrysene-d12	21.03	240	4119	0.40	ng		-0.01
34) Perylene-d12	23.15	264	3985	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.08	112	1704	0.80	ng		0.00
5) Phenol-d6	6.63	99	2092	0.85	ng		-0.02
8) Nitrobenzene-d5	8.58	82	2086	0.84	ng		-0.01
11) 2-Methylnaphthalene-d10	11.77	152	4992	0.83	ng		0.00
14) 2,4,6-Tribromophenol	15.57	330	590	0.78	ng		-0.01
15) 2-Fluorobiphenyl	12.68	172	6187	0.83	ng		-0.01
25) Fluoranthene-d10	18.85	212	12642	0.82	ng		0.00
29) Terphenyl-d14	19.48	244	8076	0.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	793	0.824	ng		97
3) n-Nitrosodimethylamine	3.43	42	1232	0.829	ng	#	98
6) bis(2-Chloroethyl)ether	6.88	93	2122	0.839	ng		98
9) Naphthalene	10.22	128	6948	0.821	ng		96
10) Hexachlorobutadiene	10.49	225	1509	0.813	ng	#	98
12) 2-Methylnaphthalene	11.85	142	4776	0.810	ng		98
16) Acenaphthylene	13.77	152	6778	0.788	ng		99
17) Acenaphthene	14.11	154	4837	0.800	ng		98
18) Fluorene	15.12	166	6454	0.819	ng		100
20) 4-Bromophenyl-phenylether	16.02	248	2263	0.831	ng	#	87
21) Hexachlorobenzene	16.12	284	2263	0.781	ng		100
22) Pentachlorophenol	16.50	266	540	0.664	ng		90
23) Phenanthrene	16.86	178	10837	0.798	ng		99
24) Anthracene	16.95	178	9190	0.806	ng		99
26) Fluoranthene	18.88	202	12945	0.813	ng		100
28) Pyrene	19.25	202	12780	0.819	ng		100
30) Benzo(a)anthracene	21.02	228	11377	0.840	ng		99
31) Chrysene	21.07	228	12644	0.816	ng		97
32) Bis(2-ethylhexyl)phthalate	20.96	149	5015	0.838	ng		99
33) Indeno(1,2,3-cd)pyrene	25.20	276	13238	0.822	ng		99
35) Benzo(b)fluoranthene	22.52	252	12066	0.823	ng	#	89
36) Benzo(k)fluoranthene	22.56	252	12963	0.801	ng		94
37) Benzo(a)pyrene	23.06	252	10731	0.832	ng	#	88
38) Dibenzo(a,h)anthracene	25.21	278	10715	0.826	ng		93
39) Benzo(g,h,i)perylene	25.82	276	11501	0.805	ng		97

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

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Misc :
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Instrument :
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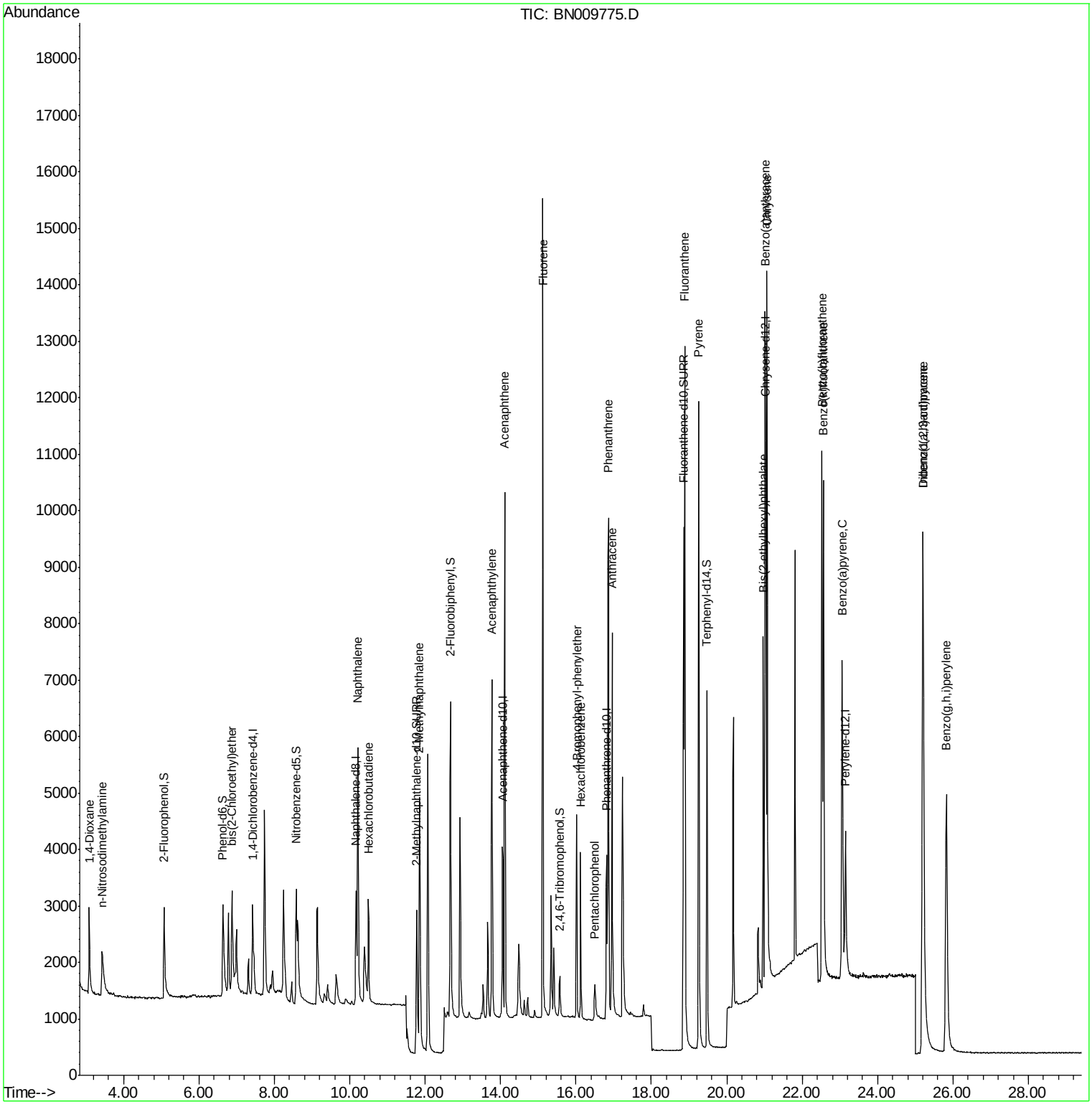
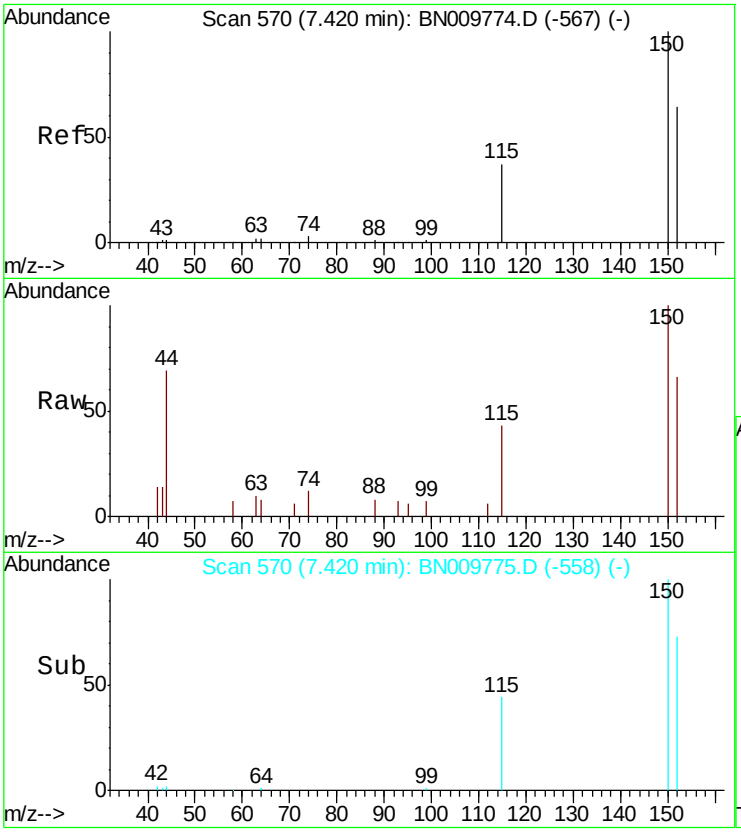
ClientSampleId :

Quant Time: Feb 19 13:52:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 13:45:18 2020
Response via : Initial Calibration



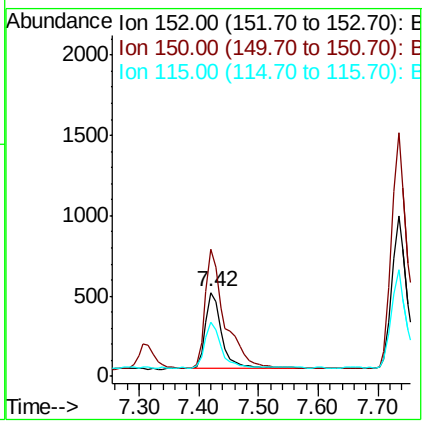


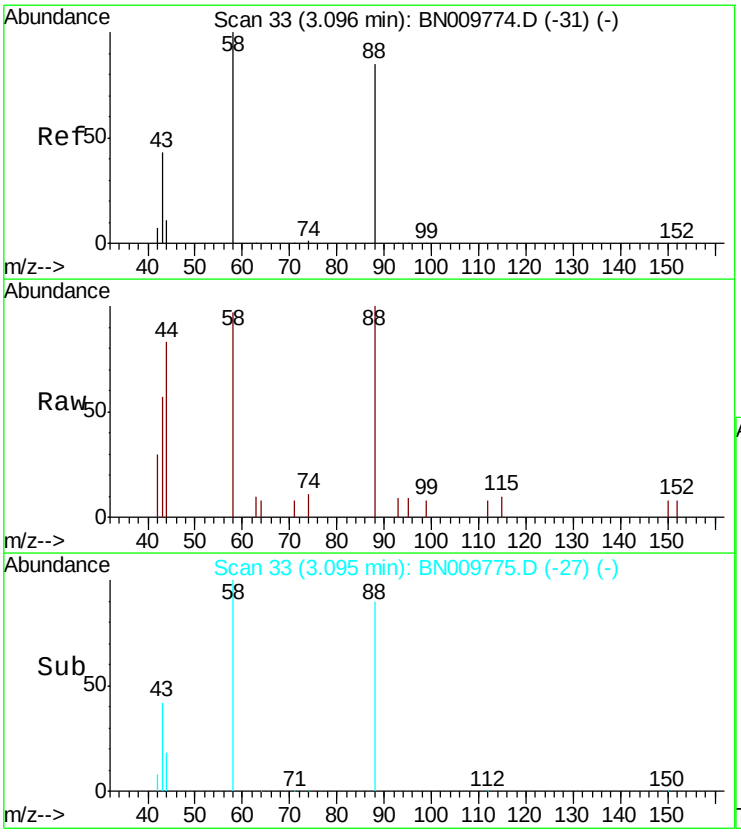
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 923

Ion	Ratio	Lower	Upper
152	100		
150	151.2	120.6	181.0
115	65.0	51.2	76.8

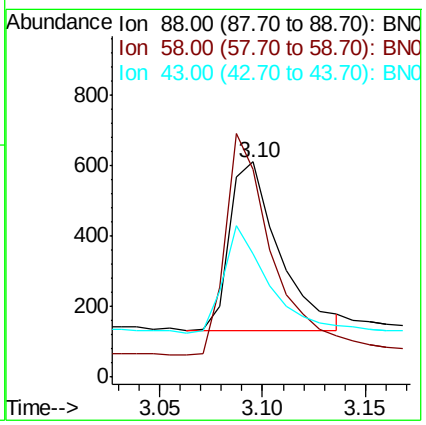


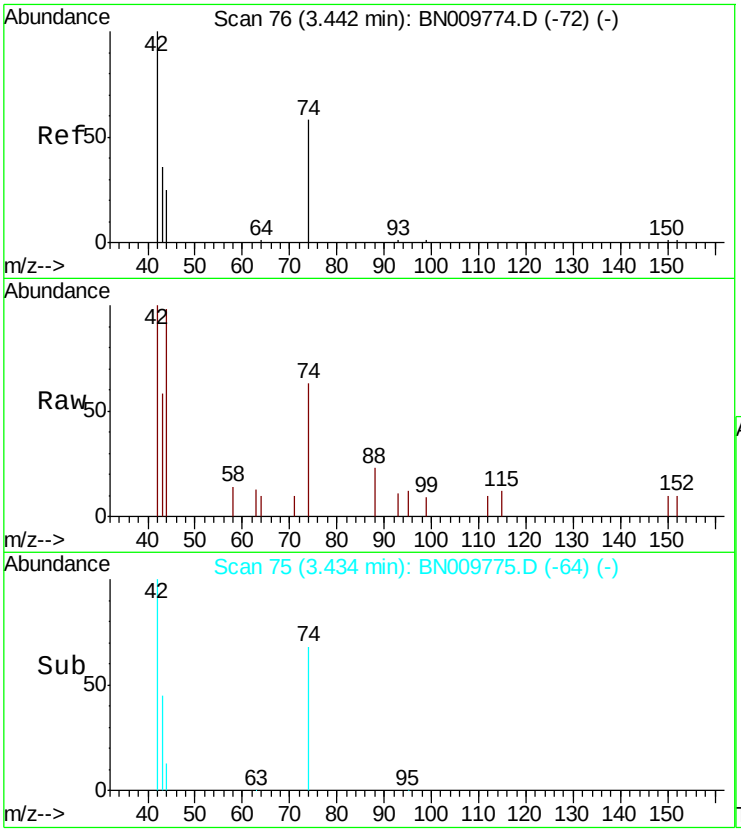


#2
1,4-Dioxane
Concen: 0.824 ng
RT: 3.10 min Scan# 33
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion: 88 Resp: 793

Ion	Ratio	Lower	Upper
88	100		
58	126.4	97.8	146.8
43	58.1	45.1	67.7



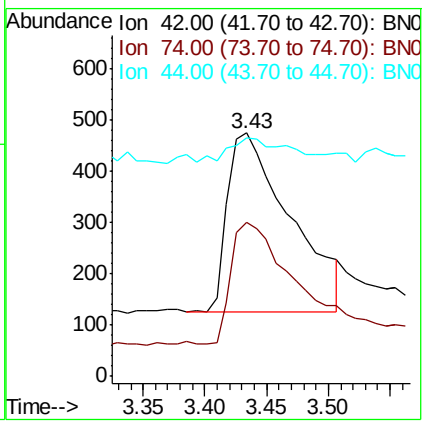


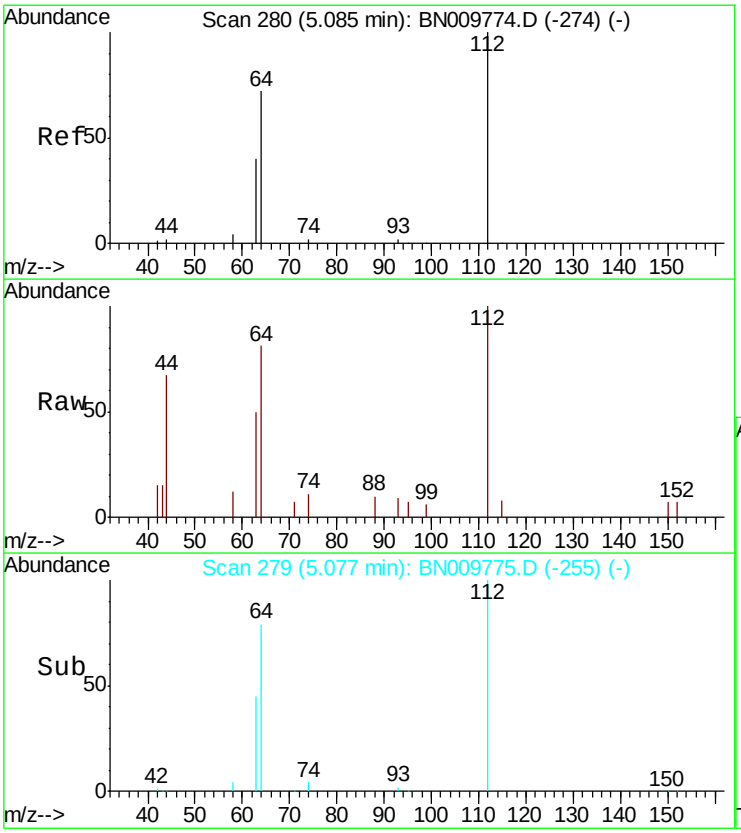
#3
n-Nitrosodimethylamine
Concen: 0.829 ng
RT: 3.43 min Scan# 75
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1232

Ion	Ratio	Lower	Upper
42	100		
74	64.9	51.2	76.8
44	12.4	2.6	4.0#

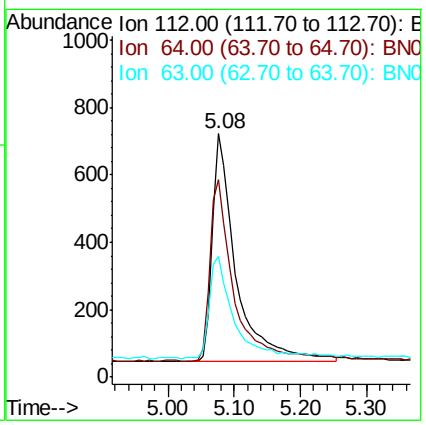


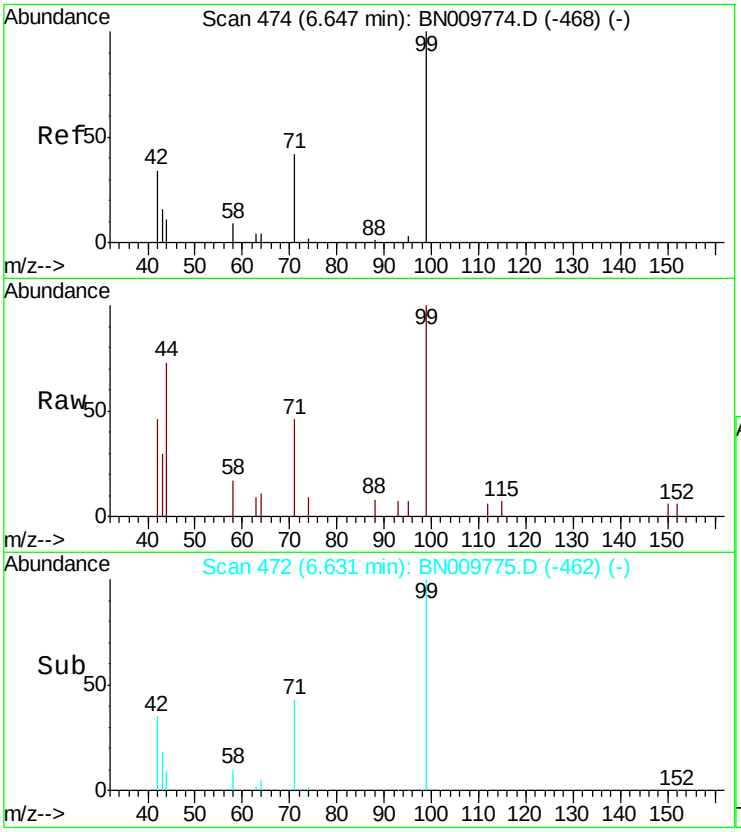


#4
2-Fluorophenol
Concen: 0.802 ng
RT: 5.08 min Scan# 279
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:112 Resp: 1704

Ion	Ratio	Lower	Upper
112	100		
64	79.9	65.8	98.6
63	46.7	38.7	58.1



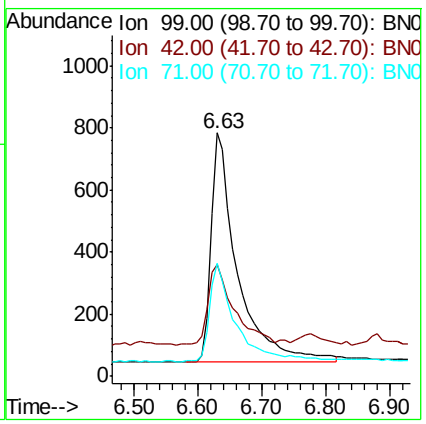


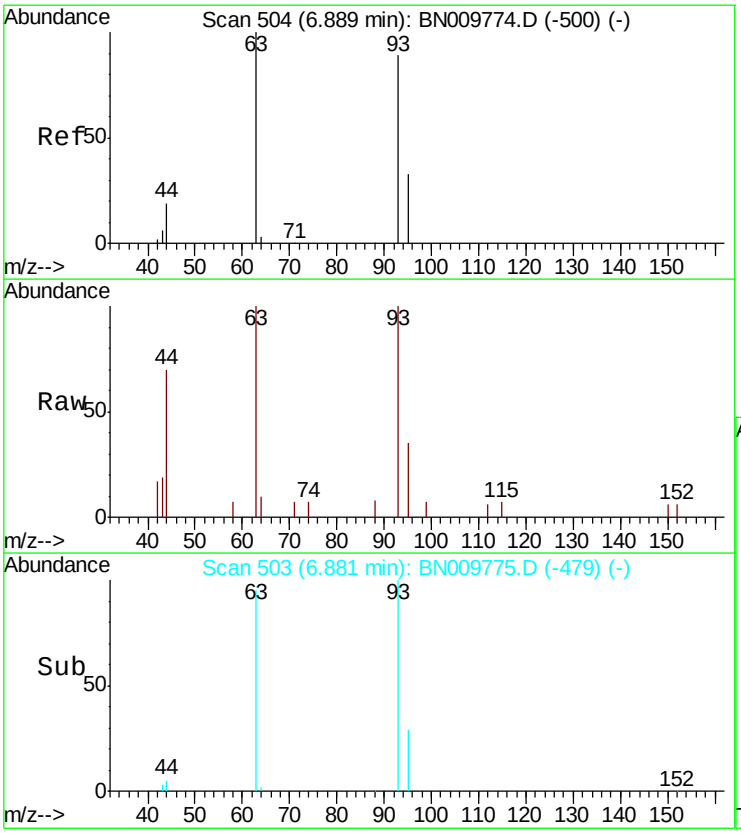
#5
Phenol-d6
Concen: 0.851 ng
RT: 6.63 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2092

Ion	Ratio	Lower	Upper
99	100		
42	35.2	30.8	46.2
71	42.1	34.9	52.3

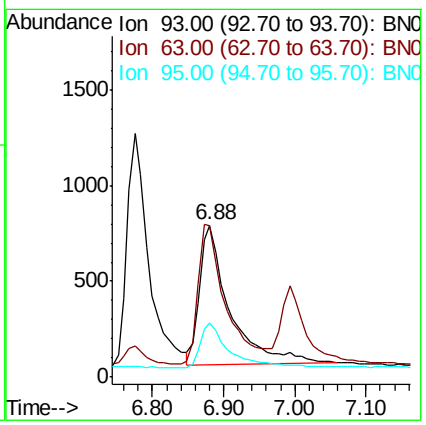


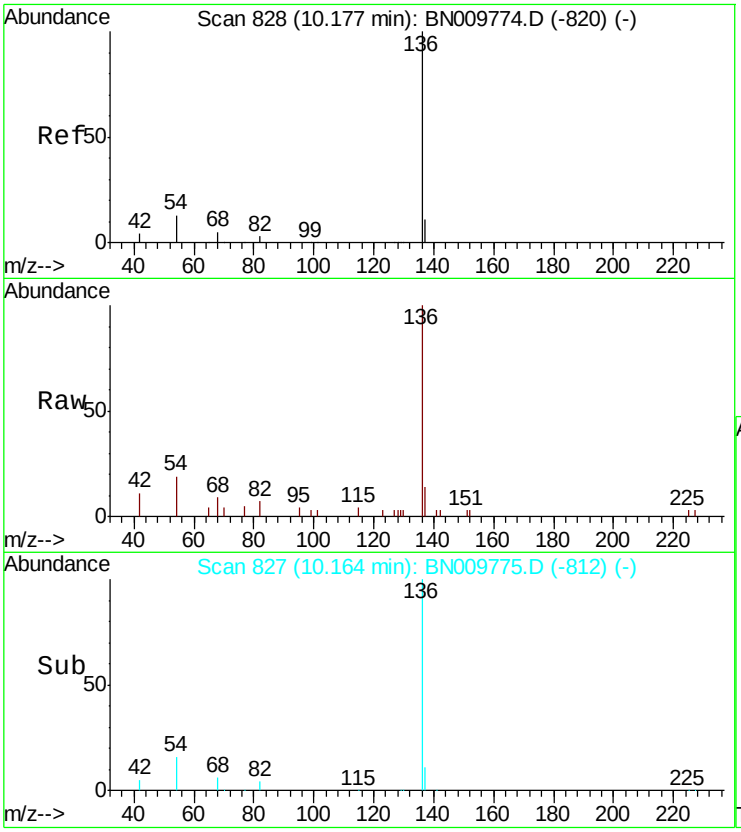


#6
bis(2-Chloroethyl)ether
Concen: 0.839 ng
RT: 6.88 min Scan# 503
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion: 93 Resp: 2122

Ion	Ratio	Lower	Upper
93	100		
63	93.0	74.0	111.0
95	31.0	26.7	40.1



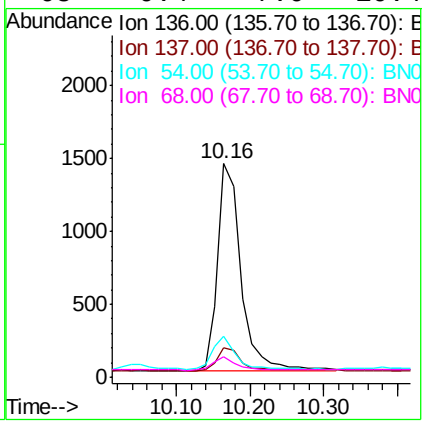


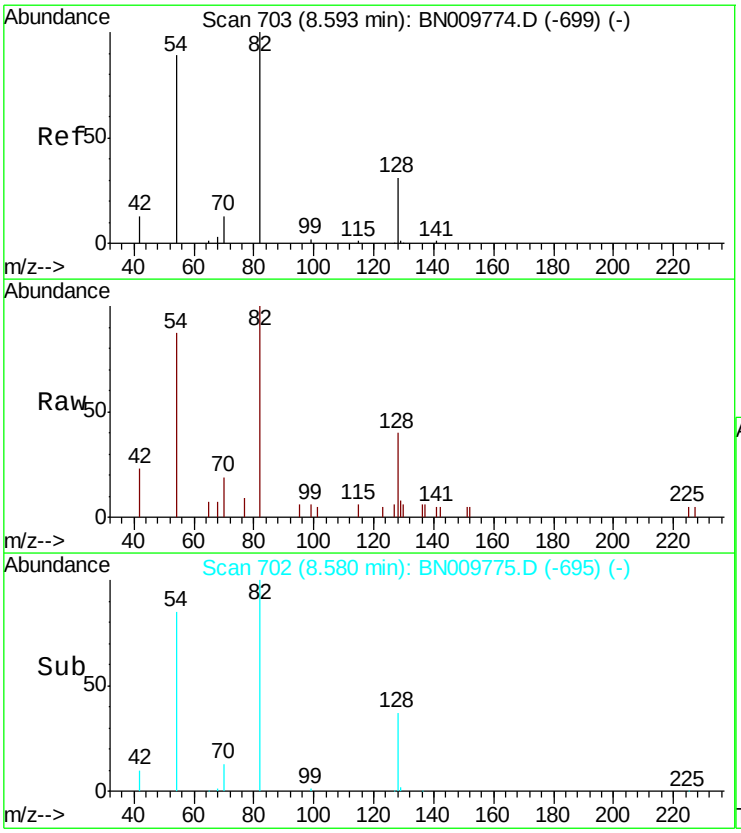
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3126

Ion	Ratio	Lower	Upper
136	100		
137	13.6	11.3	16.9
54	19.3	13.4	20.2
68	9.4	7.0	10.4

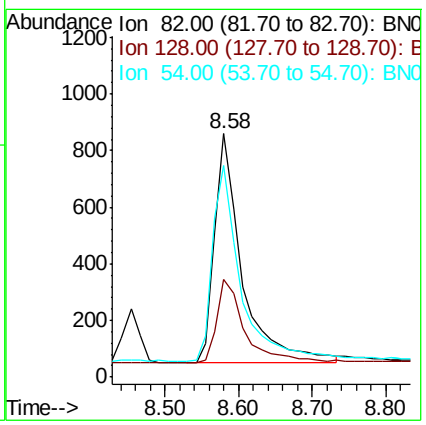


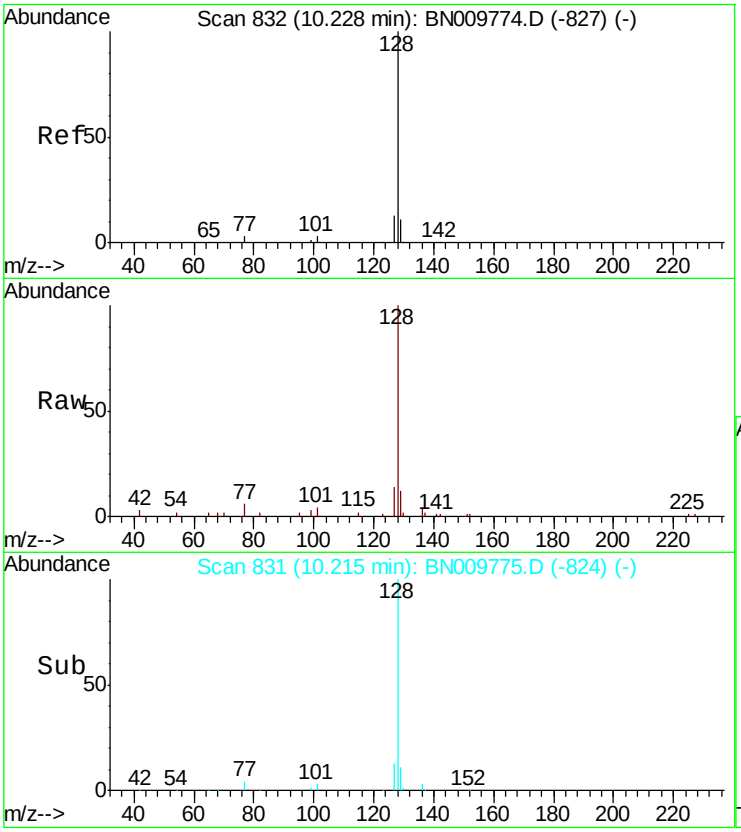


#8
Nitrobenzene-d5
Concen: 0.837 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion: 82 Resp: 2086

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.5	48.7
54	86.7	73.5	110.3



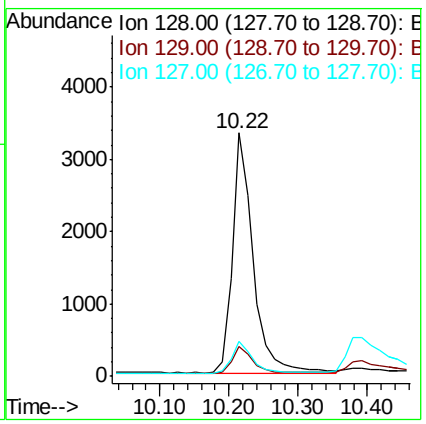


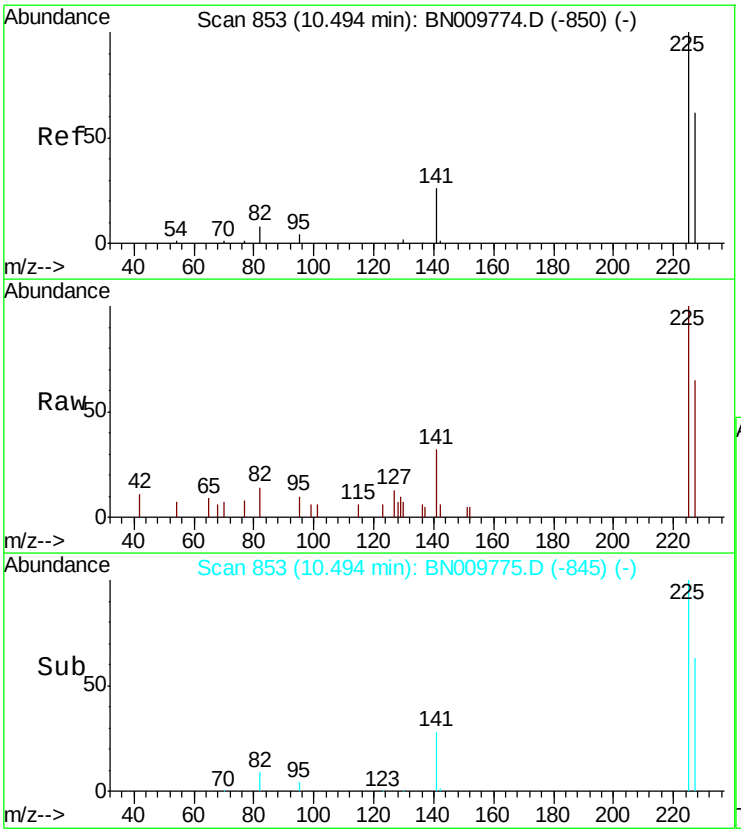
#9
Naphthalene
Concen: 0.821 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6948

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.1	16.7
127	14.1	12.6	19.0

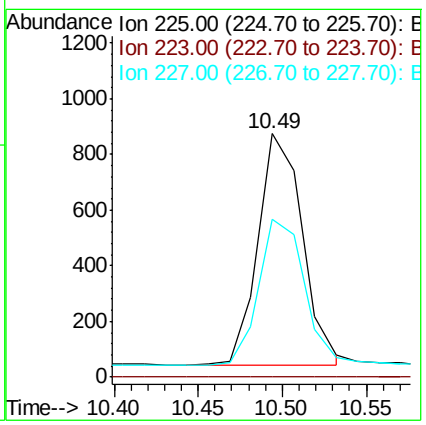


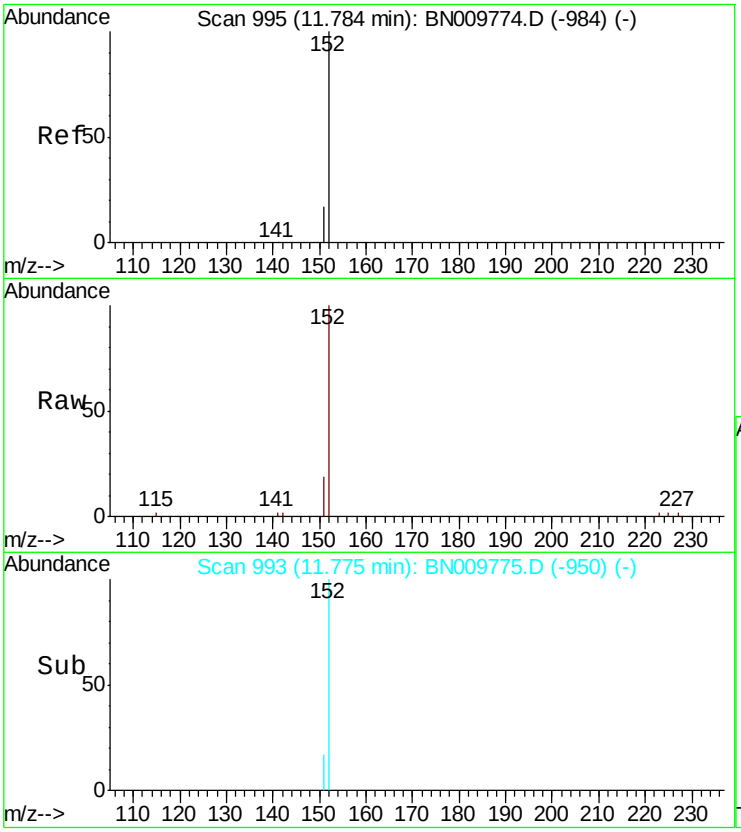


#10
Hexachlorobutadiene
Concen: 0.813 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:225 Resp: 1509

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	53.4	80.2



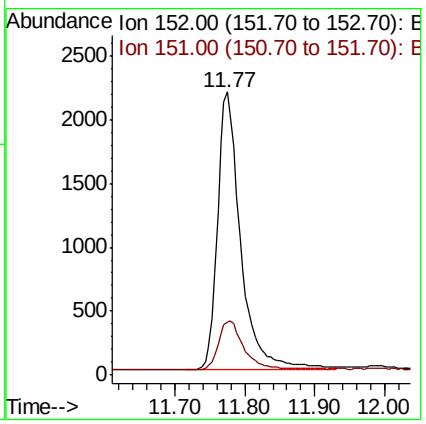


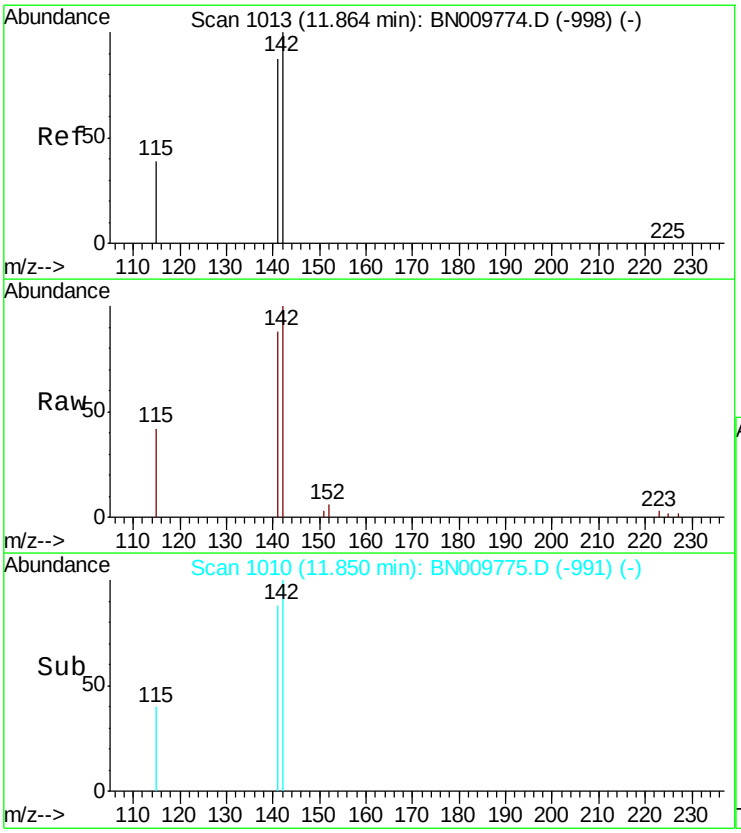
#11
2-Methylnaphthalene-d10
Concen: 0.827 ng
RT: 11.77 min Scan# 993
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4992

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

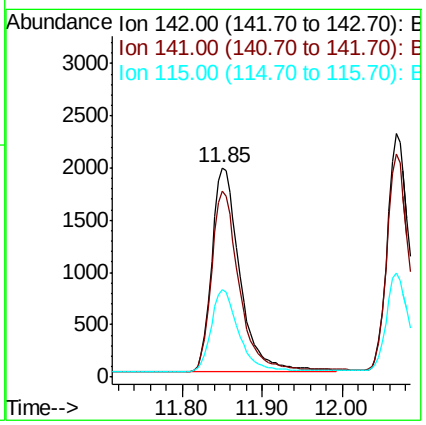


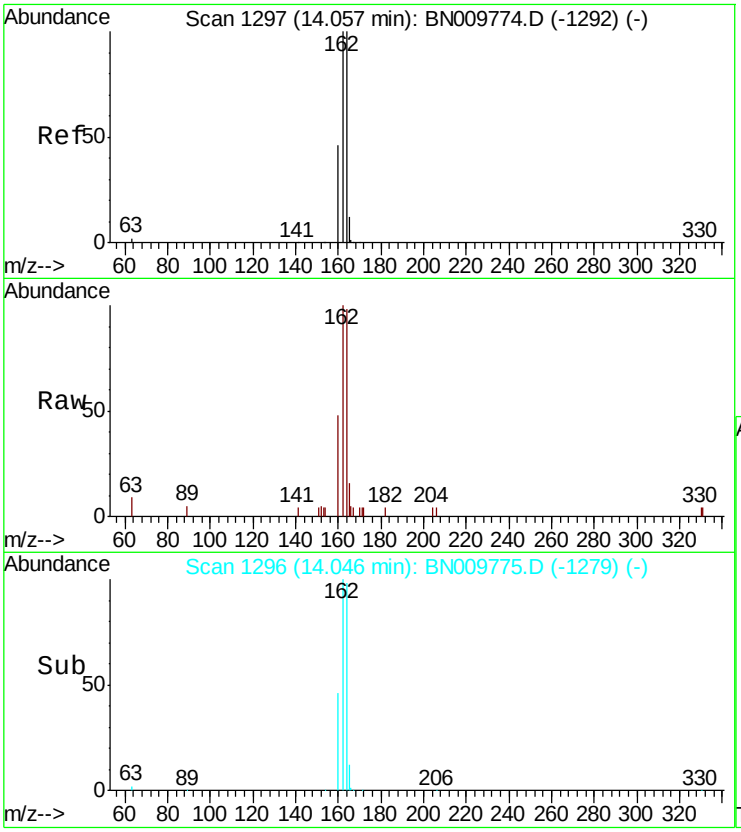


#12
2-Methylnaphthalene
Concen: 0.810 ng
RT: 11.85 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:142 Resp: 4776

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.8	104.6
115	41.7	34.6	52.0



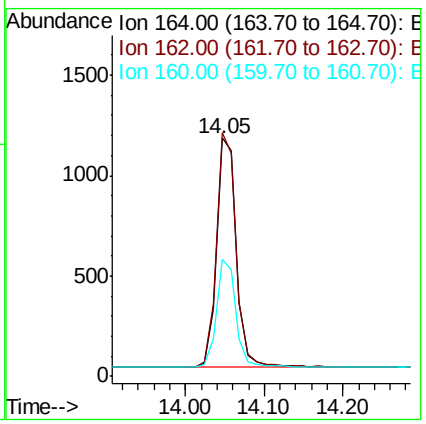


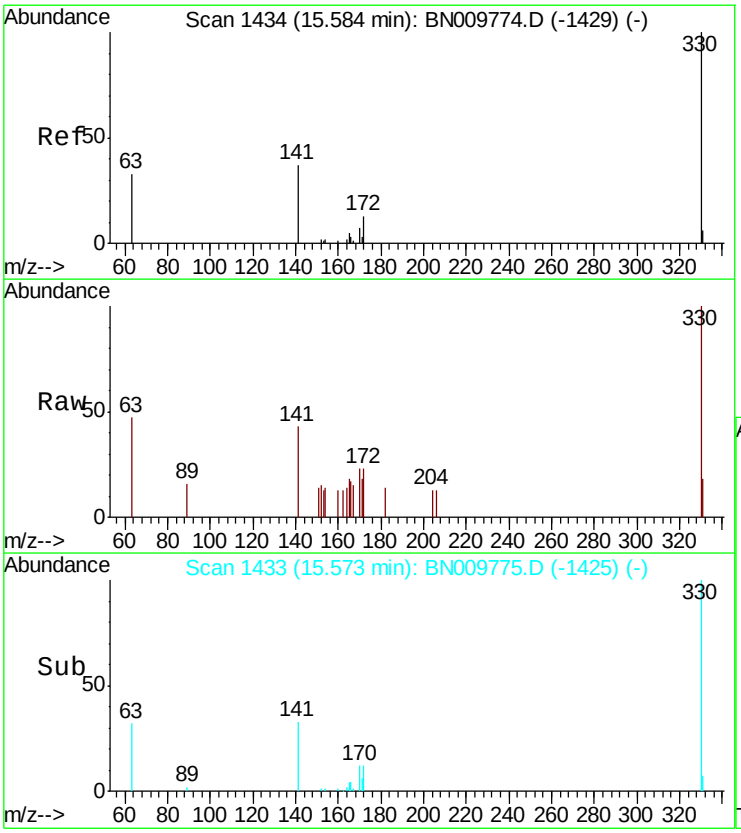
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1993

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.9	119.9
160	48.9	38.2	57.2

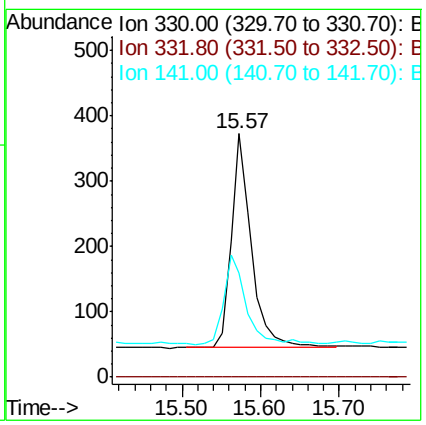


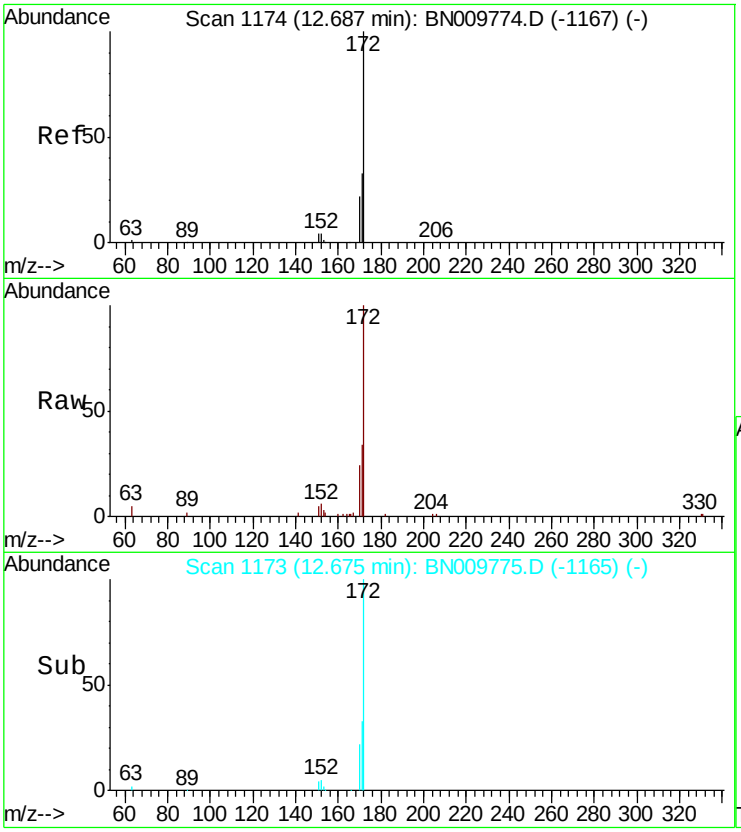


#14
2,4,6-Tribromophenol
Concen: 0.783 ng
RT: 15.57 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:330 Resp: 590

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.8	36.8	55.2



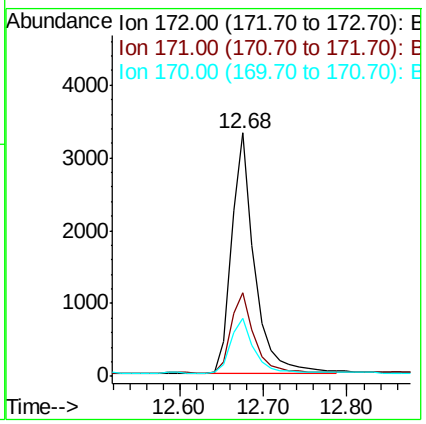


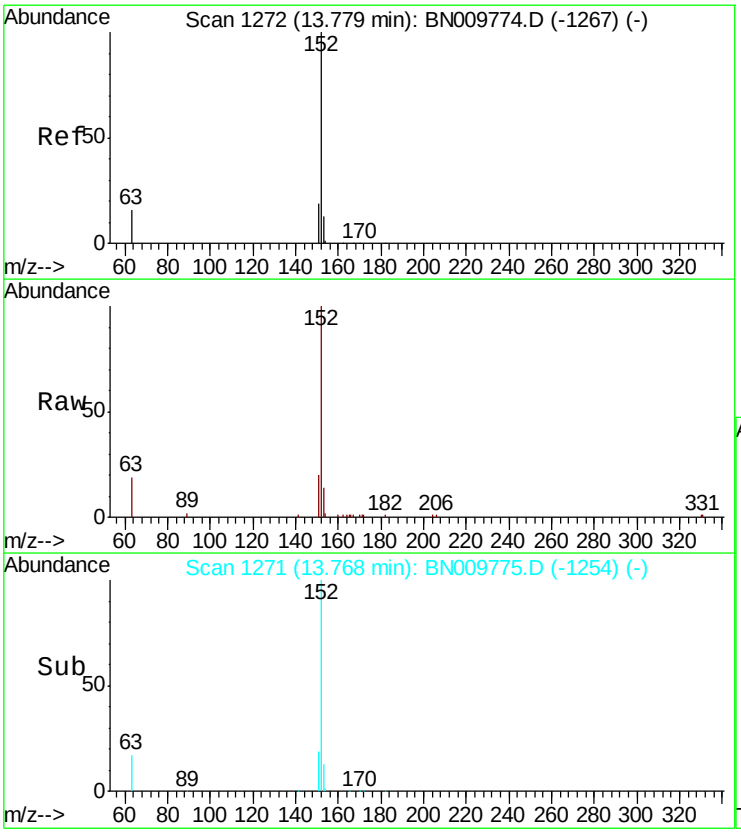
#15
2-Fluorobiphenyl
Concen: 0.830 ng
RT: 12.68 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6187

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.7	43.1
170	23.7	20.1	30.1

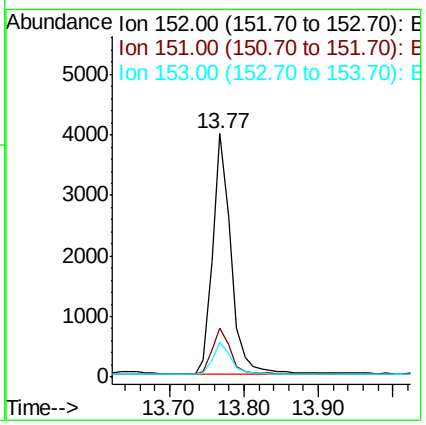


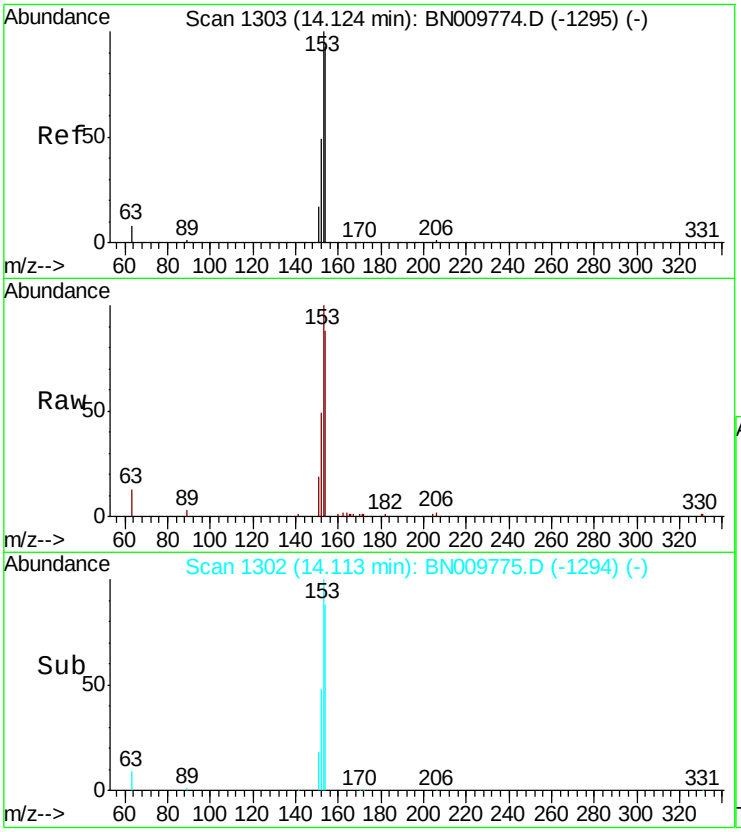


#16
Acenaphthylene
Concen: 0.788 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:152 Resp: 6778

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.2	10.2	15.4



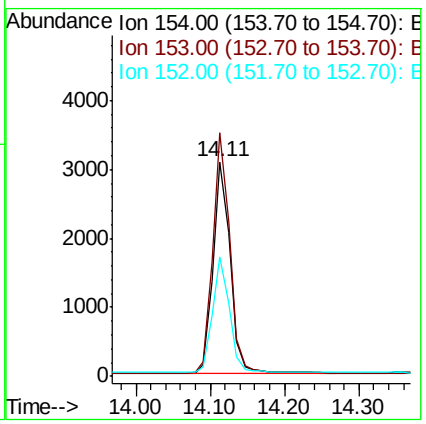


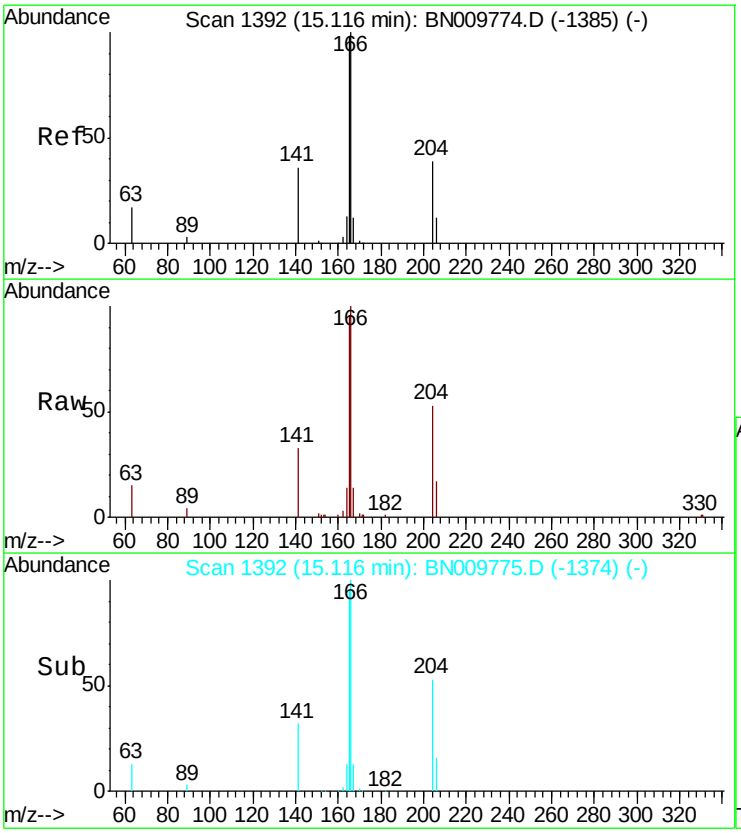
#17
Acenaphthene
Concen: 0.800 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4837

Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.9	133.3
152	54.8	44.2	66.2

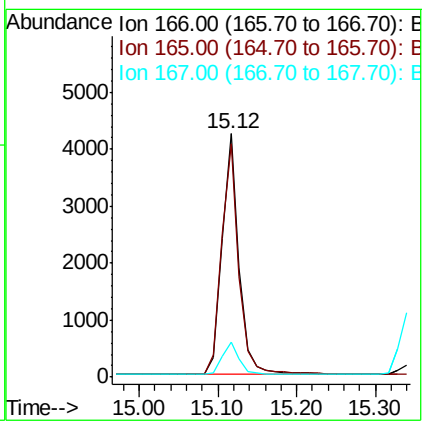


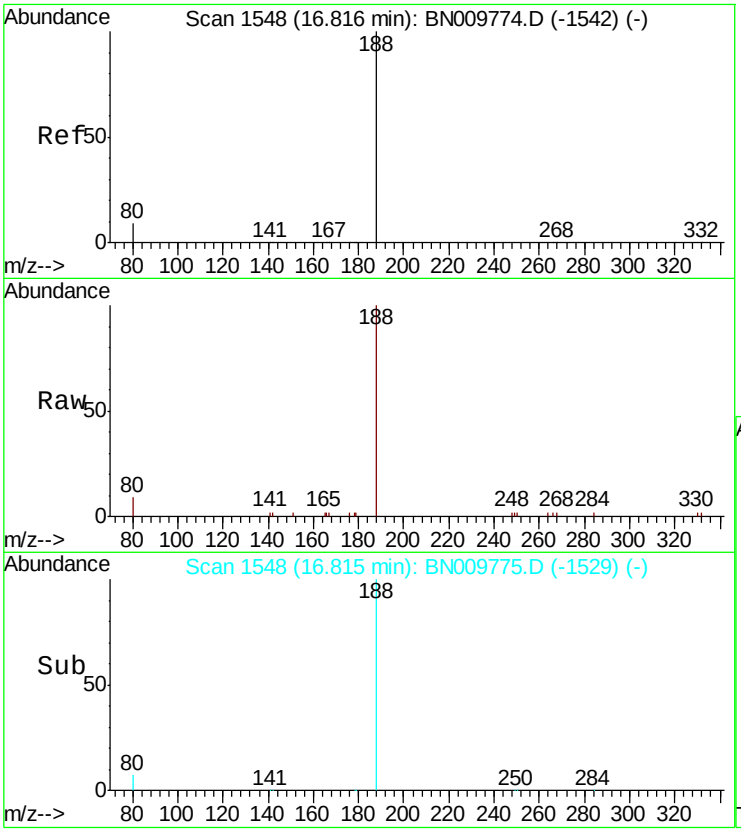


#18
Fluorene
Concen: 0.819 ng
RT: 15.12 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:166 Resp: 6454

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.2	115.8
167	13.4	10.5	15.7



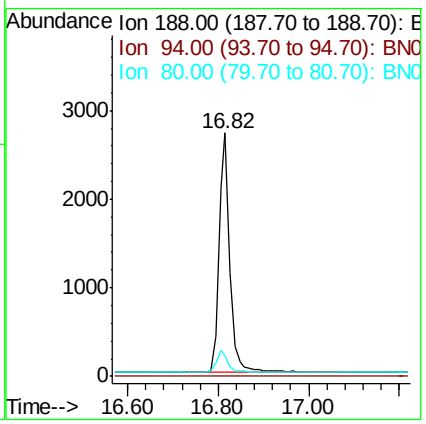


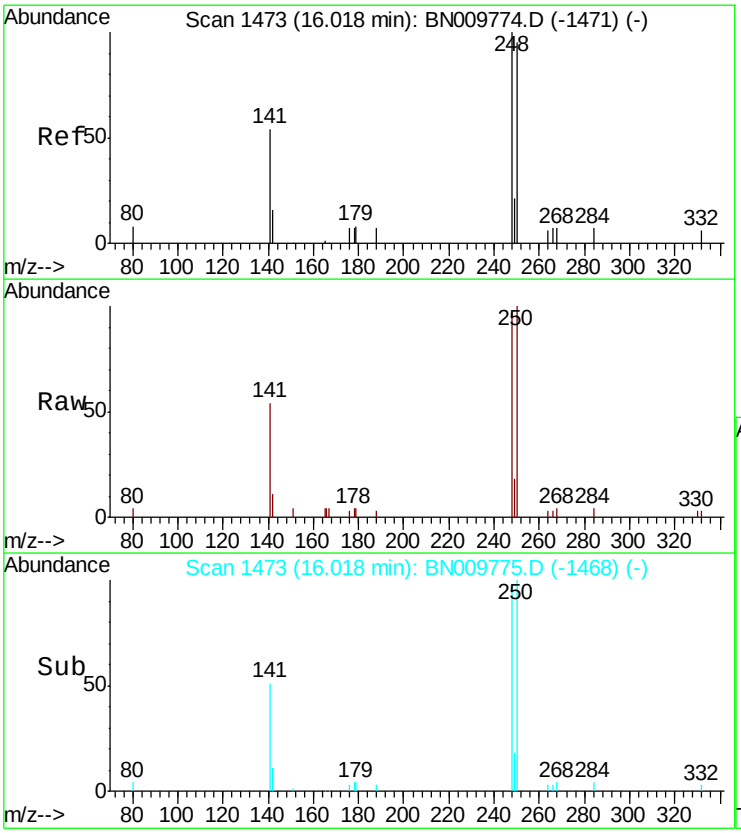
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 4520

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	8.3	12.5

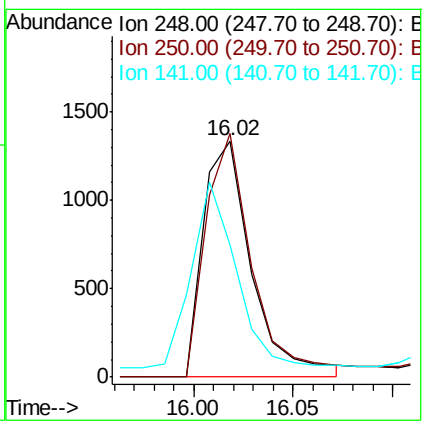


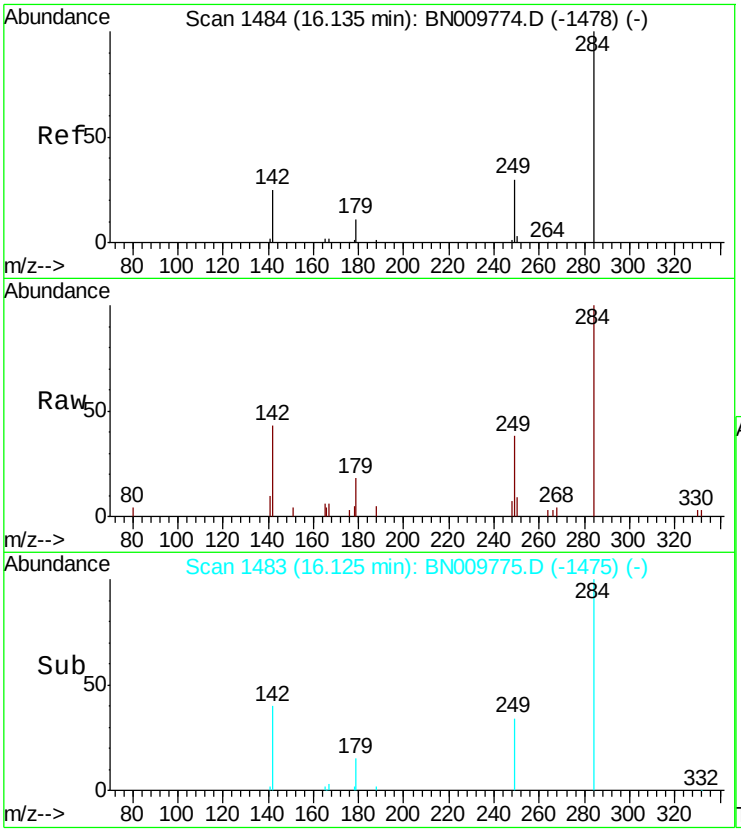


#20
4-Bromophenyl-phenylether
Concen: 0.831 ng
RT: 16.02 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:248 Resp: 2263

Ion	Ratio	Lower	Upper
248	100		
250	103.0	76.2	114.4
141	56.0	57.8	86.6#



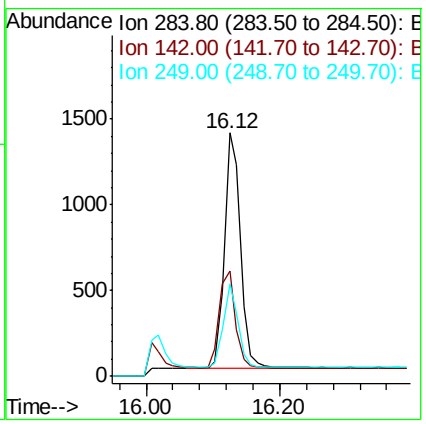


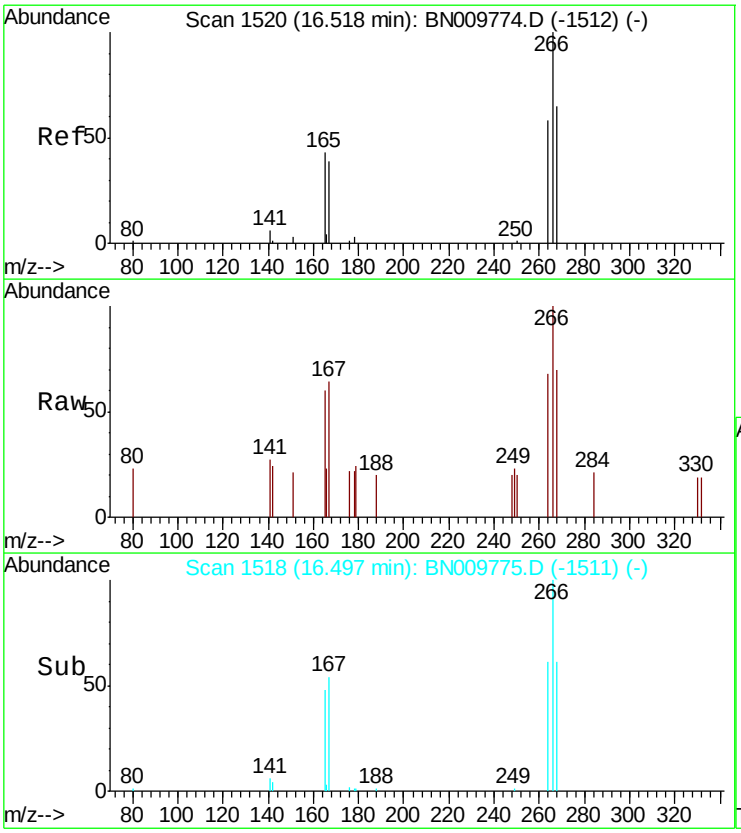
#21
Hexachlorobenzene
Concen: 0.781 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 2263

Ion	Ratio	Lower	Upper
284	100		
142	41.4	33.3	49.9
249	31.9	25.7	38.5

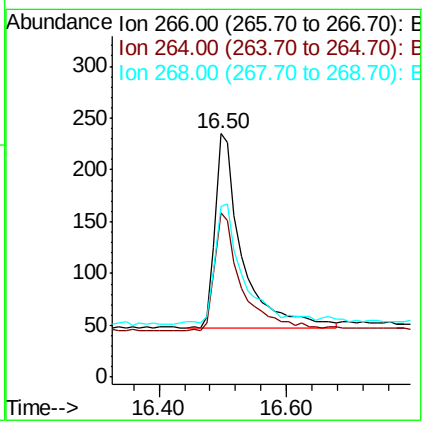


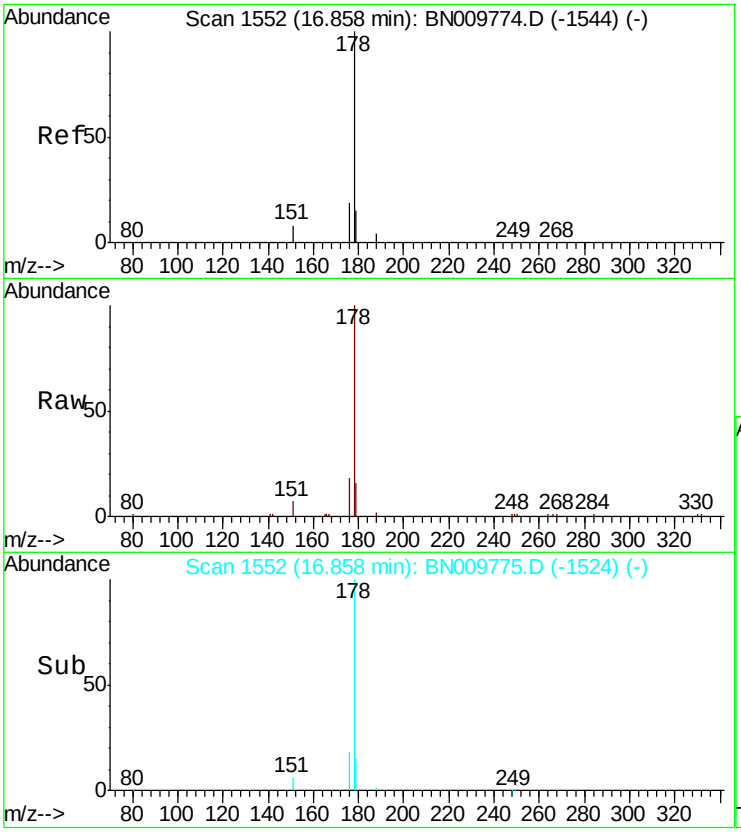


#22
Pentachlorophenol
Concen: 0.664 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:266 Resp: 540

Ion	Ratio	Lower	Upper
266	100		
264	67.7	58.1	87.1
268	70.2	65.7	98.5



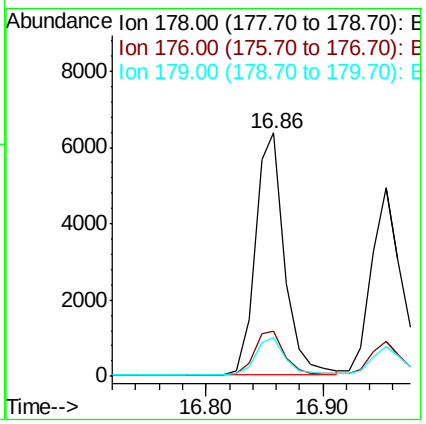


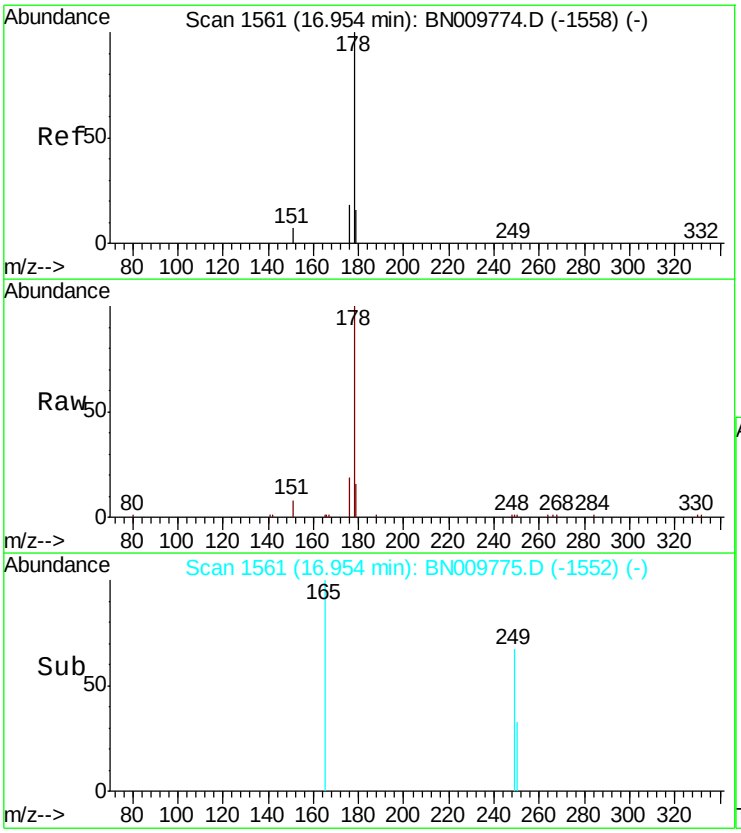
#23
Phenanthrene
Concen: 0.798 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10837

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.2	12.4	18.6

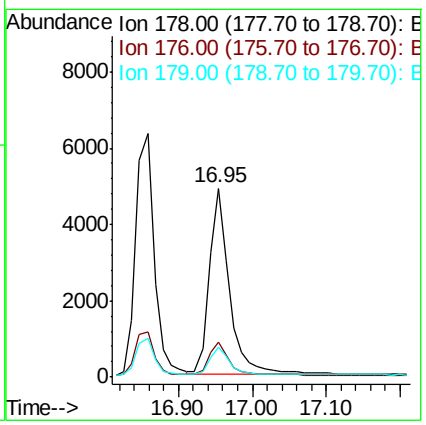


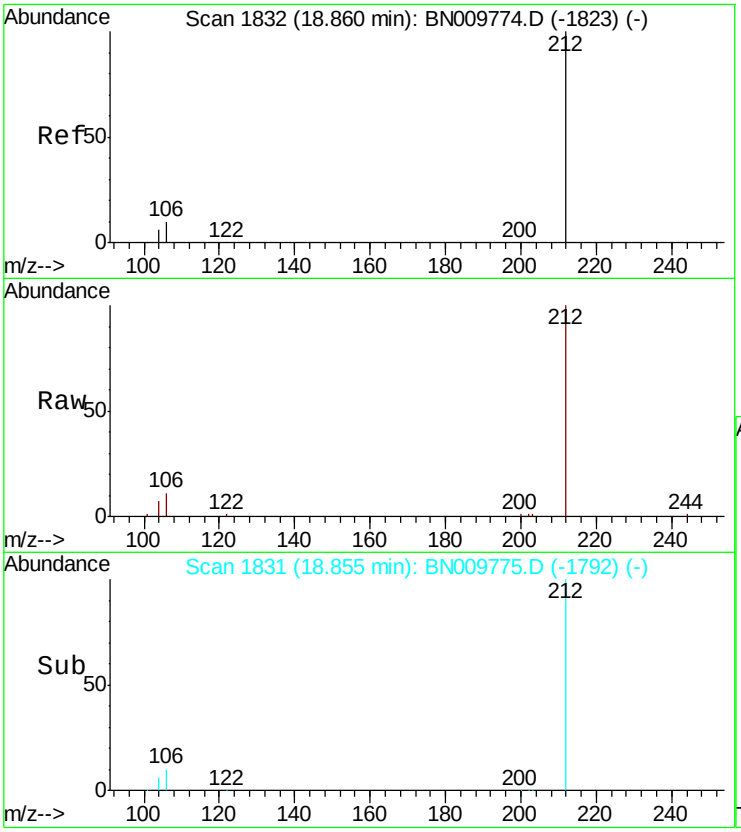


#24
Anthracene
Concen: 0.806 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:178 Resp: 9190

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.0	12.4	18.6



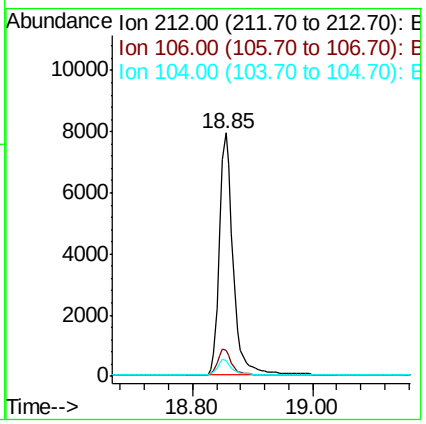


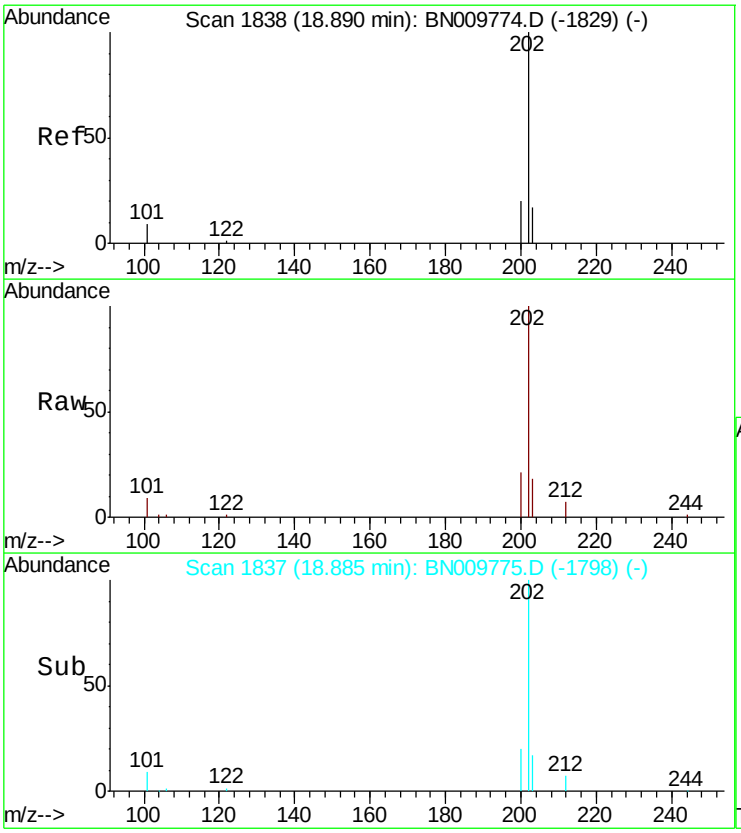
#25
Fluoranthene-d10
Concen: 0.816 ng
RT: 18.85 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 12642

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.4	12.6
104	6.0	4.8	7.2

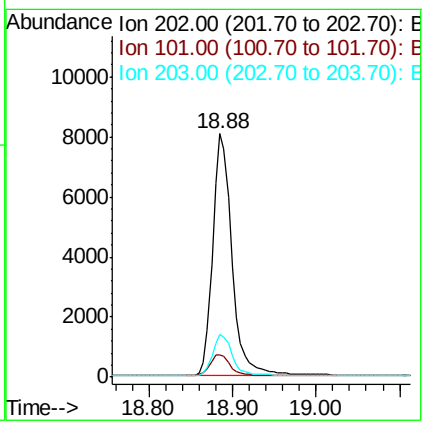


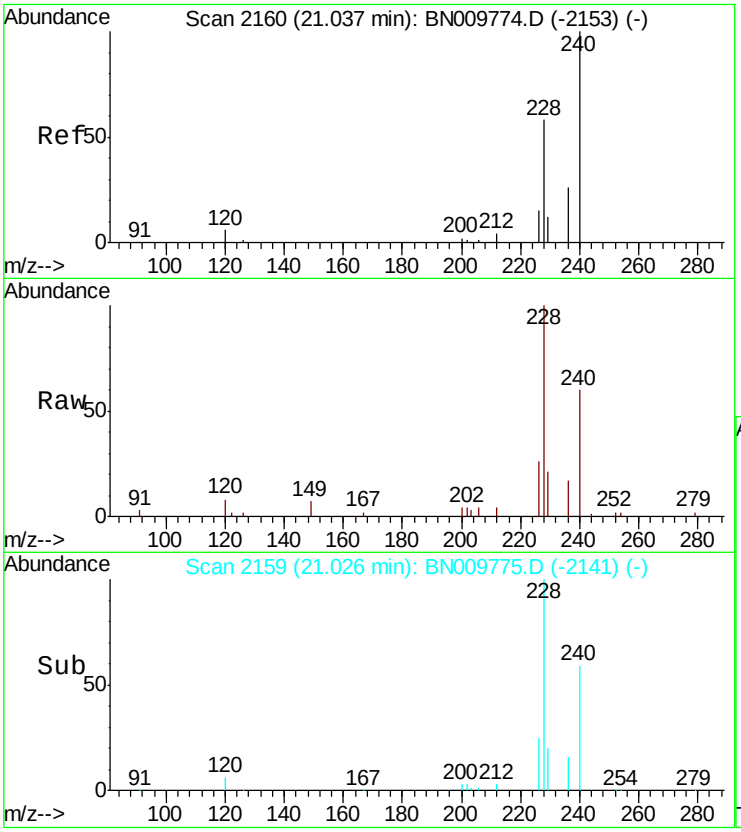


#26
Fluoranthene
Concen: 0.813 ng
RT: 18.88 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:202 Resp: 12945

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.1	10.7
203	17.1	13.8	20.6



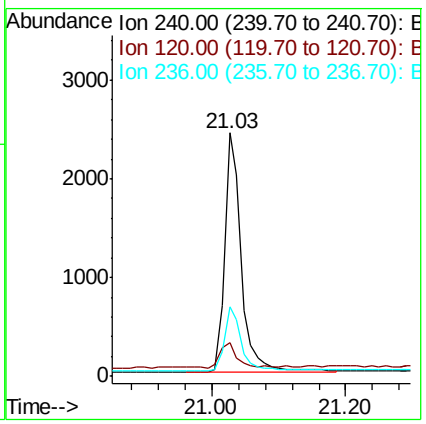


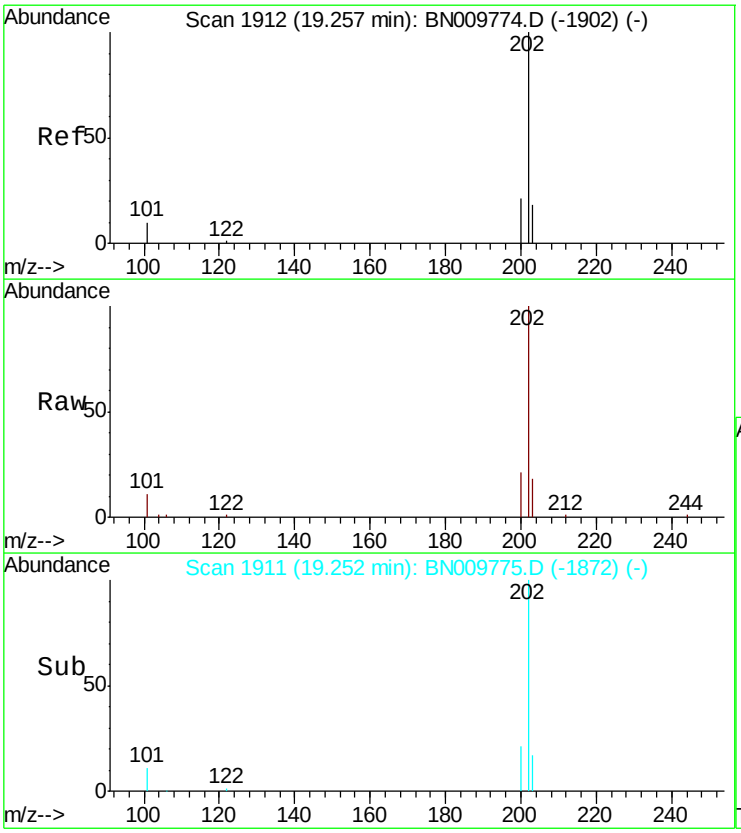
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4119

Ion	Ratio	Lower	Upper
240	100		
120	13.8	7.9	11.9#
236	28.7	22.0	33.0

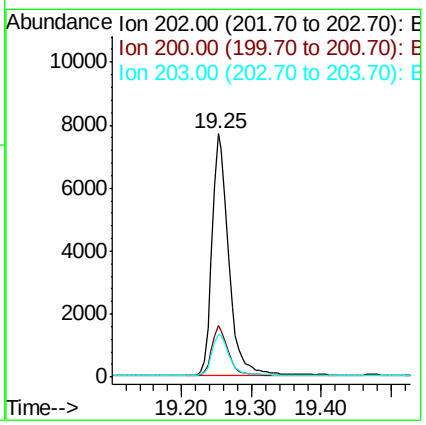


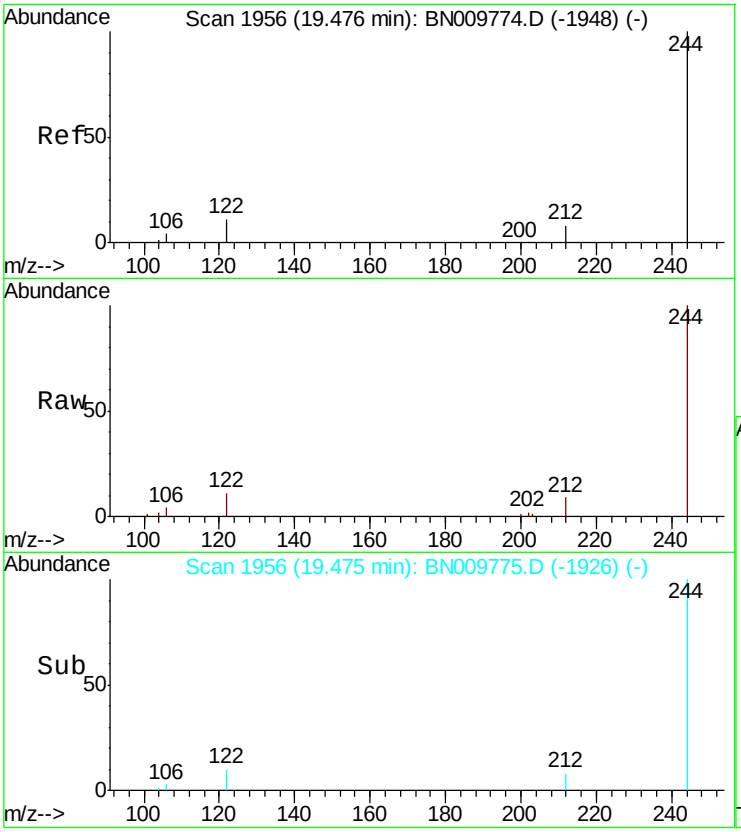


#28
Pyrene
Concen: 0.819 ng
RT: 19.25 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:202 Resp: 12780

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.5	13.9	20.9



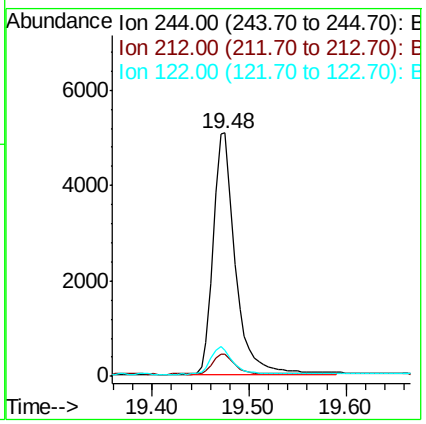


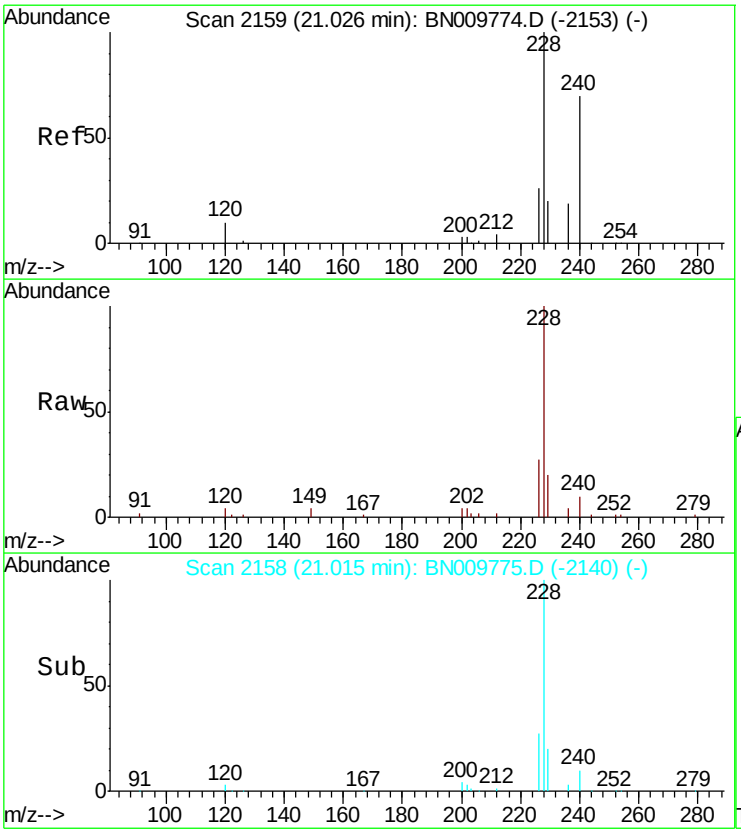
#29
Terphenyl-d14
Concen: 0.828 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8076

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.0	12.0
122	10.7	10.0	15.0

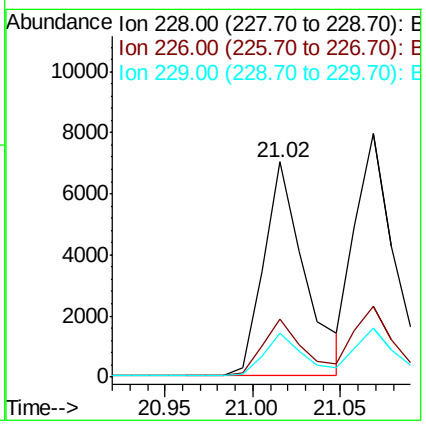


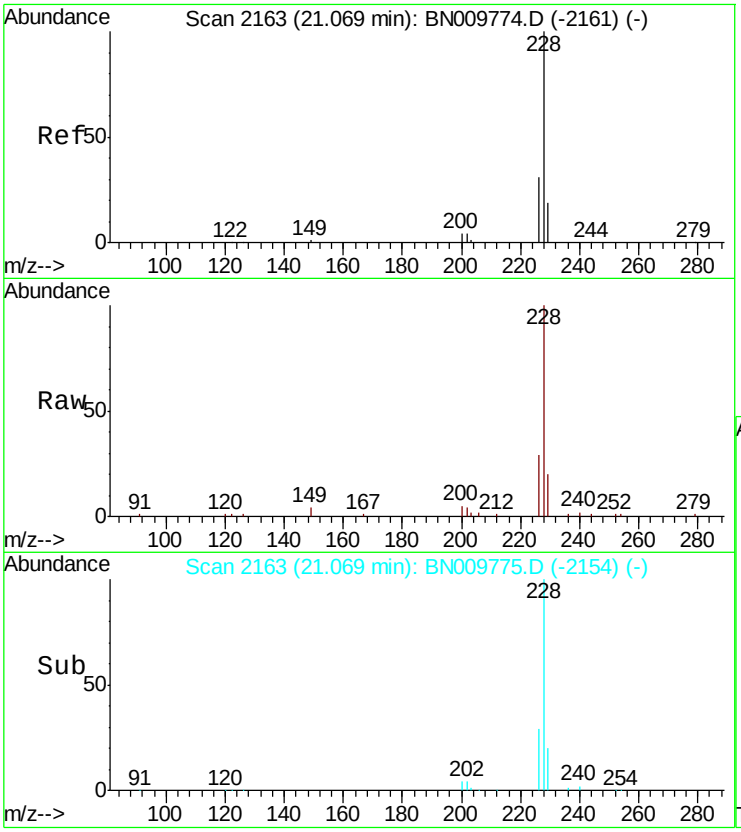


#30
Benzo(a)anthracene
Concen: 0.840 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:228 Resp: 11377

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.4	17.1	25.7



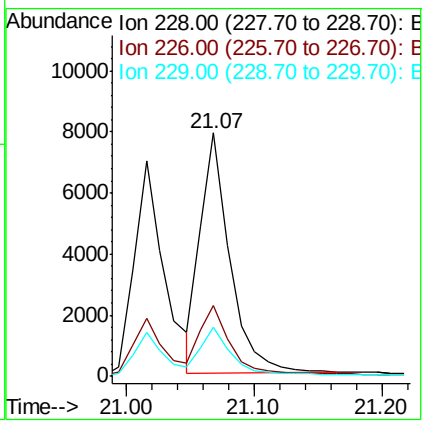


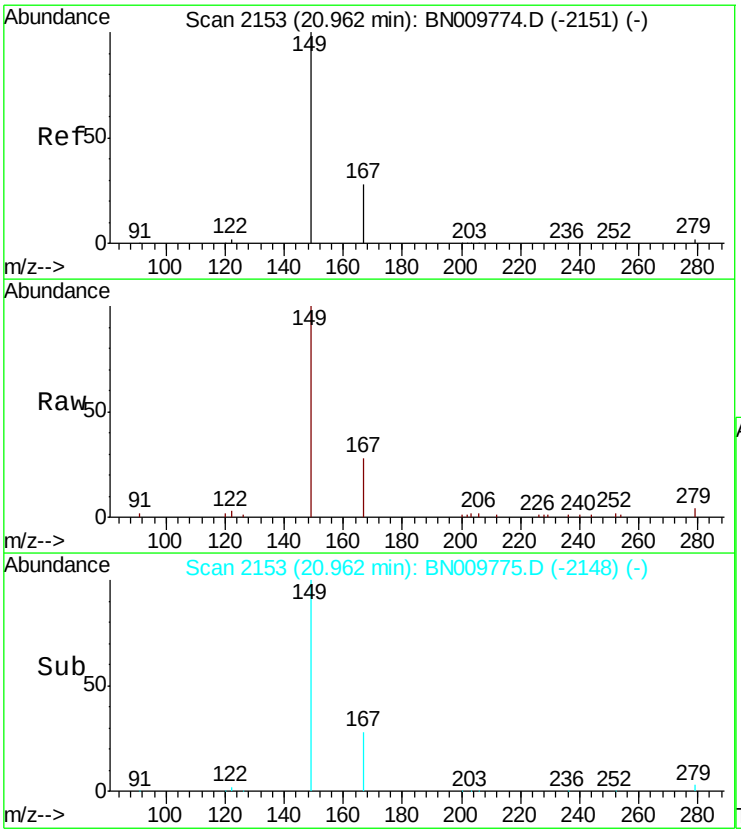
#31
Chrysene
Concen: 0.816 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12644

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.8	37.2
229	20.1	16.4	24.6

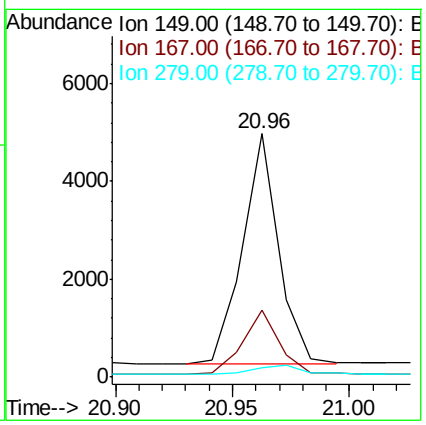


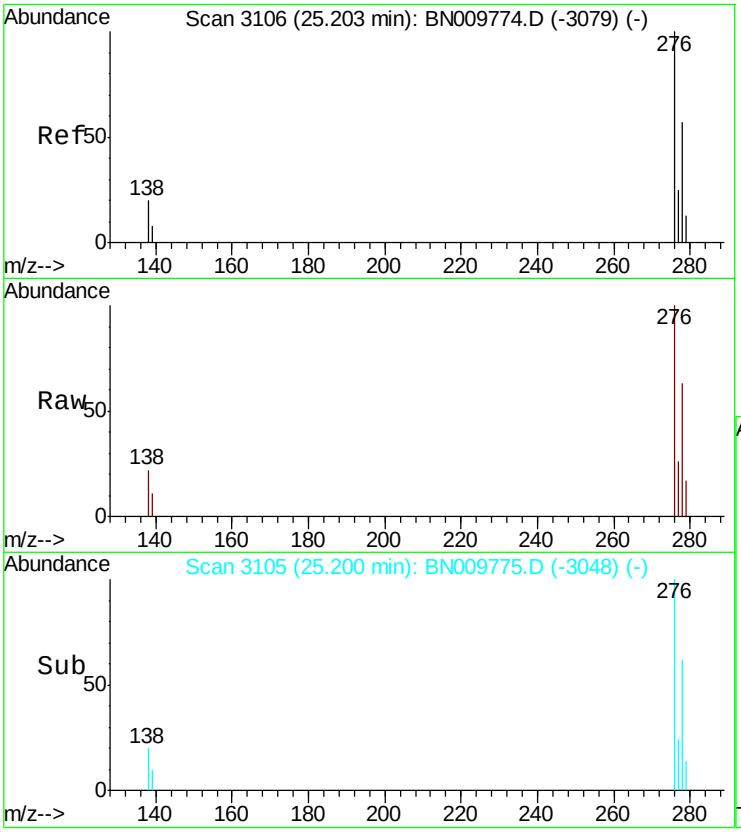


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.838 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:149 Resp: 5015

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.7	34.1
279	4.1	3.1	4.7



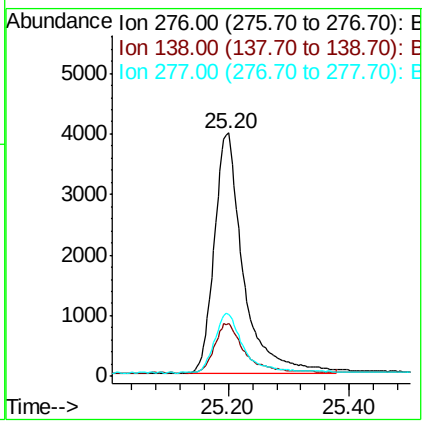


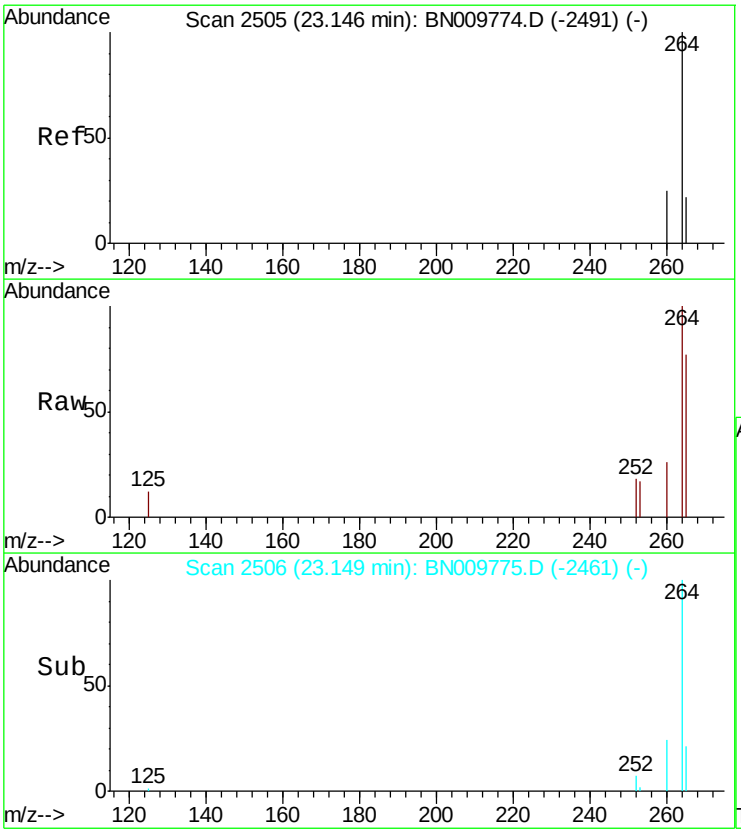
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.822 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13238

Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.8	23.6
277	24.3	19.3	28.9

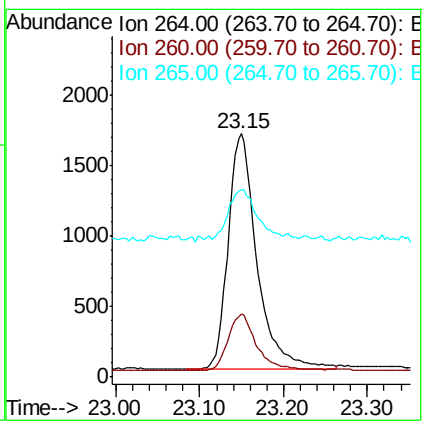


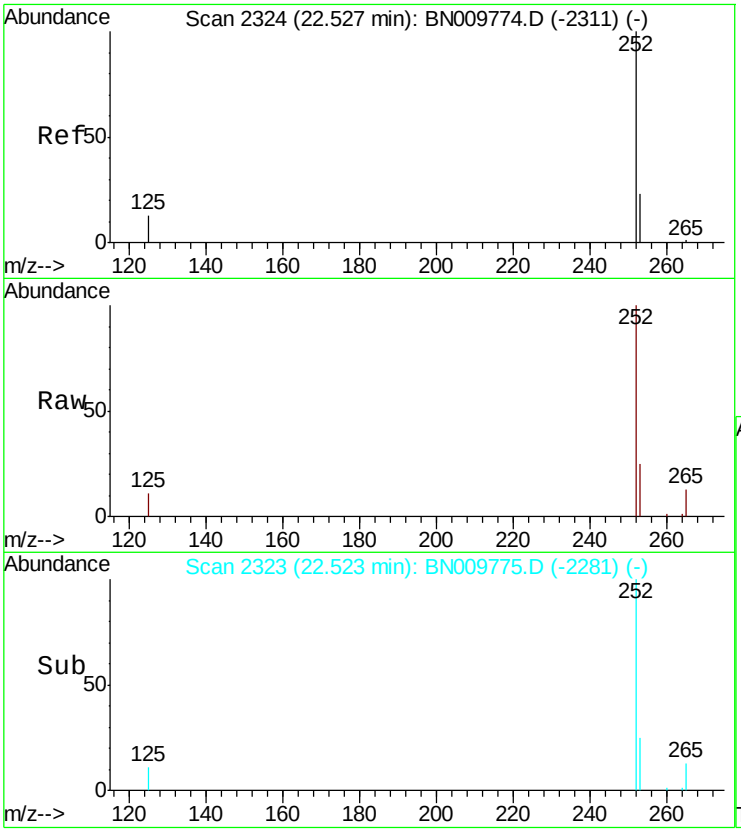


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:264 Resp: 3985

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.1	31.7
265	77.1	57.5	86.3



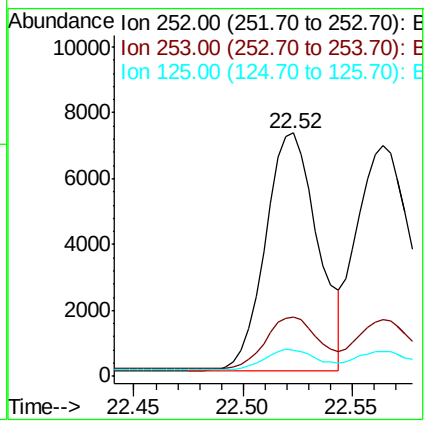


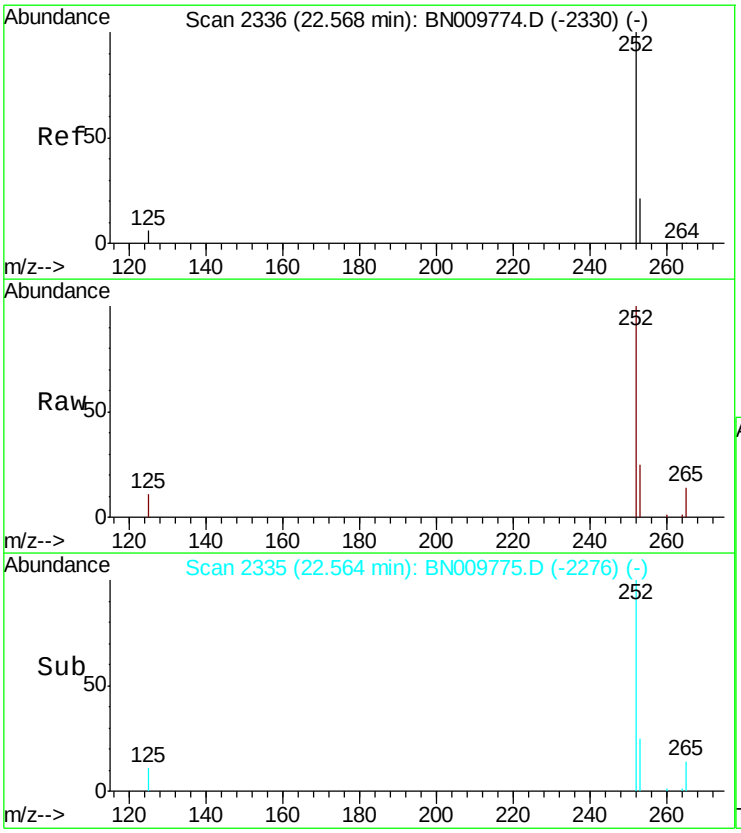
#35
Benzo(b)fluoranthene
Concen: 0.823 ng
RT: 22.52 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12066

Ion	Ratio	Lower	Upper
252	100		
253	24.6	23.0	34.6
125	10.6	14.4	21.6#

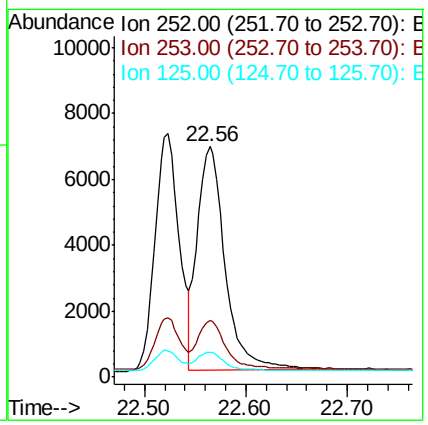


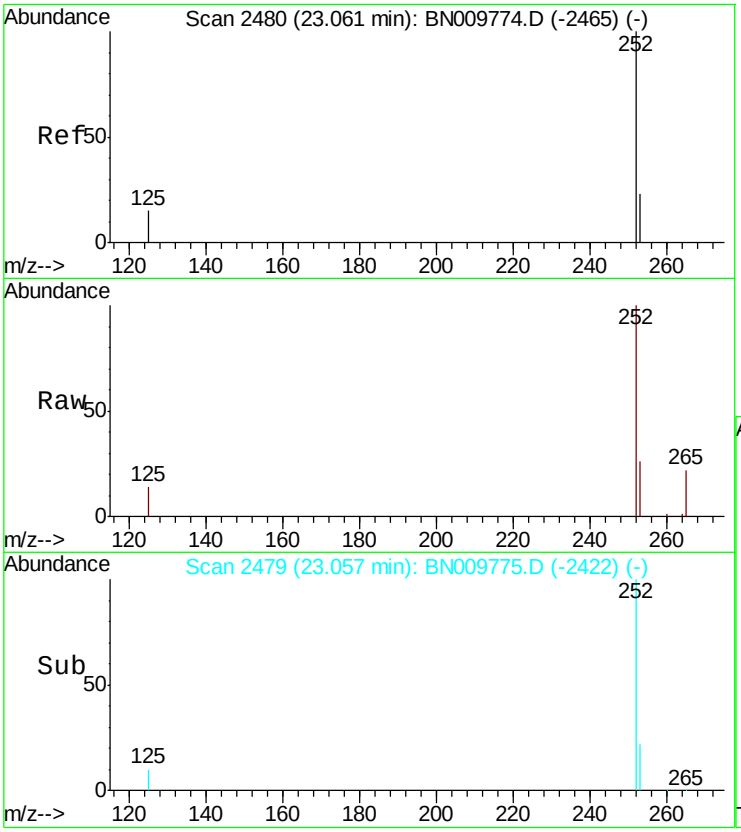


#36
Benzo(k)fluoranthene
Concen: 0.801 ng
RT: 22.56 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:252 Resp: 12963

Ion	Ratio	Lower	Upper
252	100		
253	24.6	22.2	33.2
125	10.9	10.5	15.7



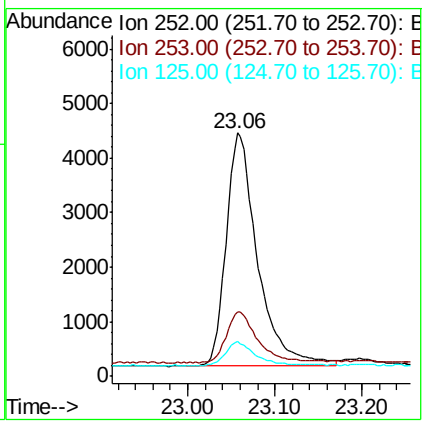


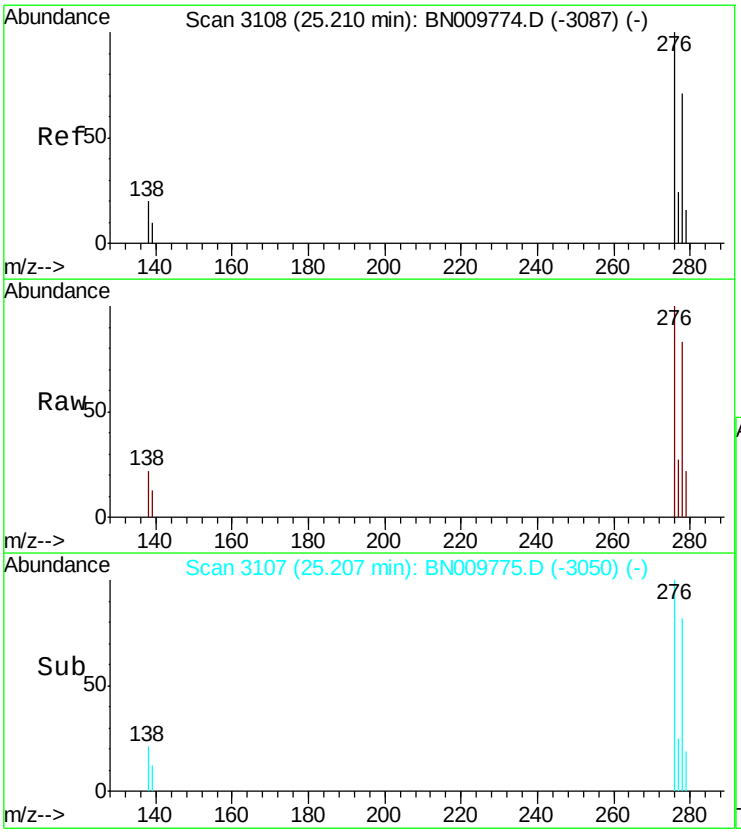
#37
Benzo(a)pyrene
Concen: 0.832 ng
RT: 23.06 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10731

Ion	Ratio	Lower	Upper
252	100		
253	26.3	25.3	37.9
125	14.3	17.7	26.5#

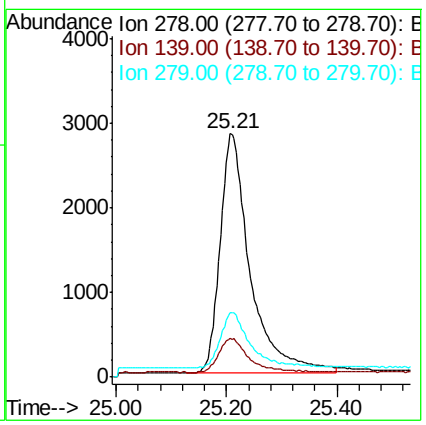


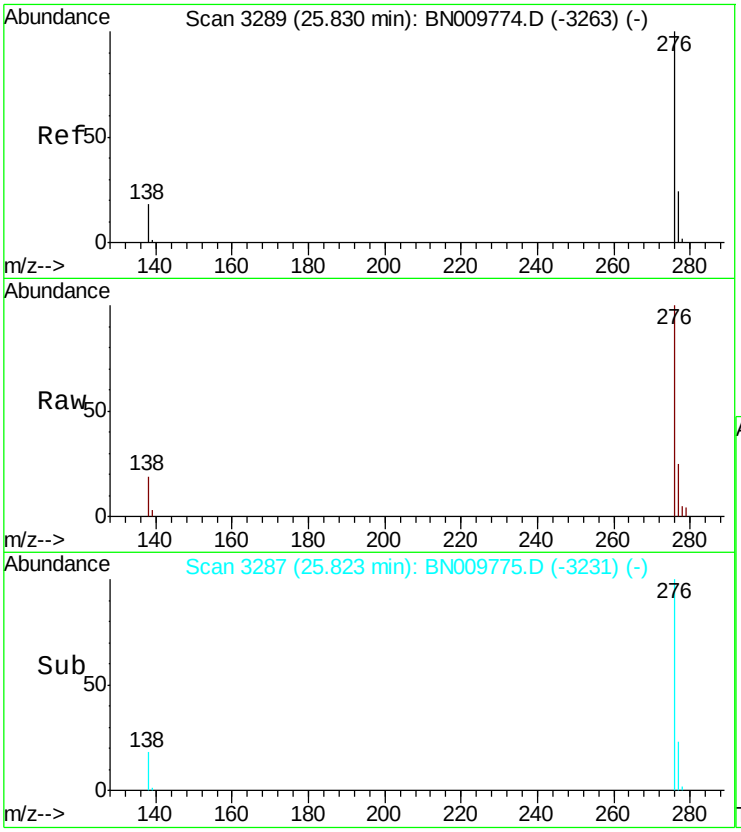


#38
Dibenzo(a,h)anthracene
Concen: 0.826 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Tgt Ion:278 Resp: 10715

Ion	Ratio	Lower	Upper
278	100		
139	15.8	14.5	21.7
279	26.2	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.805 ng
RT: 25.82 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BN009775.D
Acq: 19 Feb 2020 12:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 11501

Ion	Ratio	Lower	Upper
276	100		
277	25.1	21.4	32.0
138	19.2	16.6	24.8