Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035737.D
Acq On : 20 Dec 2024 12:17
Operator : RC/JU
Sample : P5261-13MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 12:48:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.272	152	3069	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	8497	0.400	ng		-0.01
13) Acenaphthene-d10	13.924	164	5472	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	11238	0.400	ng	#	0.00
29) Chrysene-d12	20.947	240	10070	0.400	ng	#	0.00
35) Perylene-d12	23.035	264	9931	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.939	112	900	0.117	ng		0.00
5) Phenol-d6	6.484	99	611	0.066	ng		0.00
8) Nitrobenzene-d5	8.408	82	2503	0.482	ng		0.00
11) 2-Methylnaphthalene-d10	11.616	152	5212	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	864	0.222	ng		0.00
15) 2-Fluorobiphenyl	12.533	172	7056	0.341	ng		-0.01
27) Fluoranthene-d10	18.757	212	13055	0.410	ng		0.00
31) Terphenyl-d14	19.389	244	11620	0.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	15474	5.274	ng		98
3) n-Nitrosodimethylamine	3.278	42	397	0.162	ng	#	97
6) bis(2-Chloroethyl)ether	6.723	93	2616	0.337	ng		99
9) Naphthalene	10.063	128	7406	0.330	ng		100
10) Hexachlorobutadiene	10.351	225	1637	0.317	ng	#	100
12) 2-Methylnaphthalene	11.692	142	5182	0.323	ng		99
16) Acenaphthylene	13.636	152	8176	0.356	ng		99
17) Acenaphthene	13.989	154	5295	0.347	ng		98
18) Fluorene	14.994	166	7056	0.323	ng		99
20) 4,6-Dinitro-2-methylph...	15.111	198	186	0.168	ng	#	6
21) 4-Bromophenyl-phenylether	15.904	248	2268	0.345	ng	#	85
22) Hexachlorobenzene	16.003	284	3067	0.397	ng		95
23) Atrazine	16.202	200	1963	0.420	ng		95
24) Pentachlorophenol	16.363	266	2548	0.759	ng		86
25) Phenanthrene	16.736	178	11800	0.382	ng		99
26) Anthracene	16.835	178	10506	0.376	ng		99
28) Fluoranthene	18.789	202	14548	0.350	ng		100
30) Pyrene	19.156	202	15486	0.417	ng		99
32) Benzo(a)anthracene	20.938	228	13128	0.373	ng		98
33) Chrysene	20.983	228	14397	0.396	ng		100
34) Bis(2-ethylhexyl)phtha...	20.902	149	12764	0.918	ng		97
36) Indeno(1,2,3-cd)pyrene	25.061	276	15032	0.387	ng		96
37) Benzo(b)fluoranthene	22.427	252	22144	0.610	ng		97
38) Benzo(k)fluoranthene	22.468	252	14125	0.395	ng		96
39) Benzo(a)pyrene	22.947	252	11859	0.396	ng		94
40) Dibenzo(a,h)anthracene	25.082	278	11425	0.373	ng		97
41) Benzo(g,h,i)perylene	25.675	276	12077	0.377	ng		99

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

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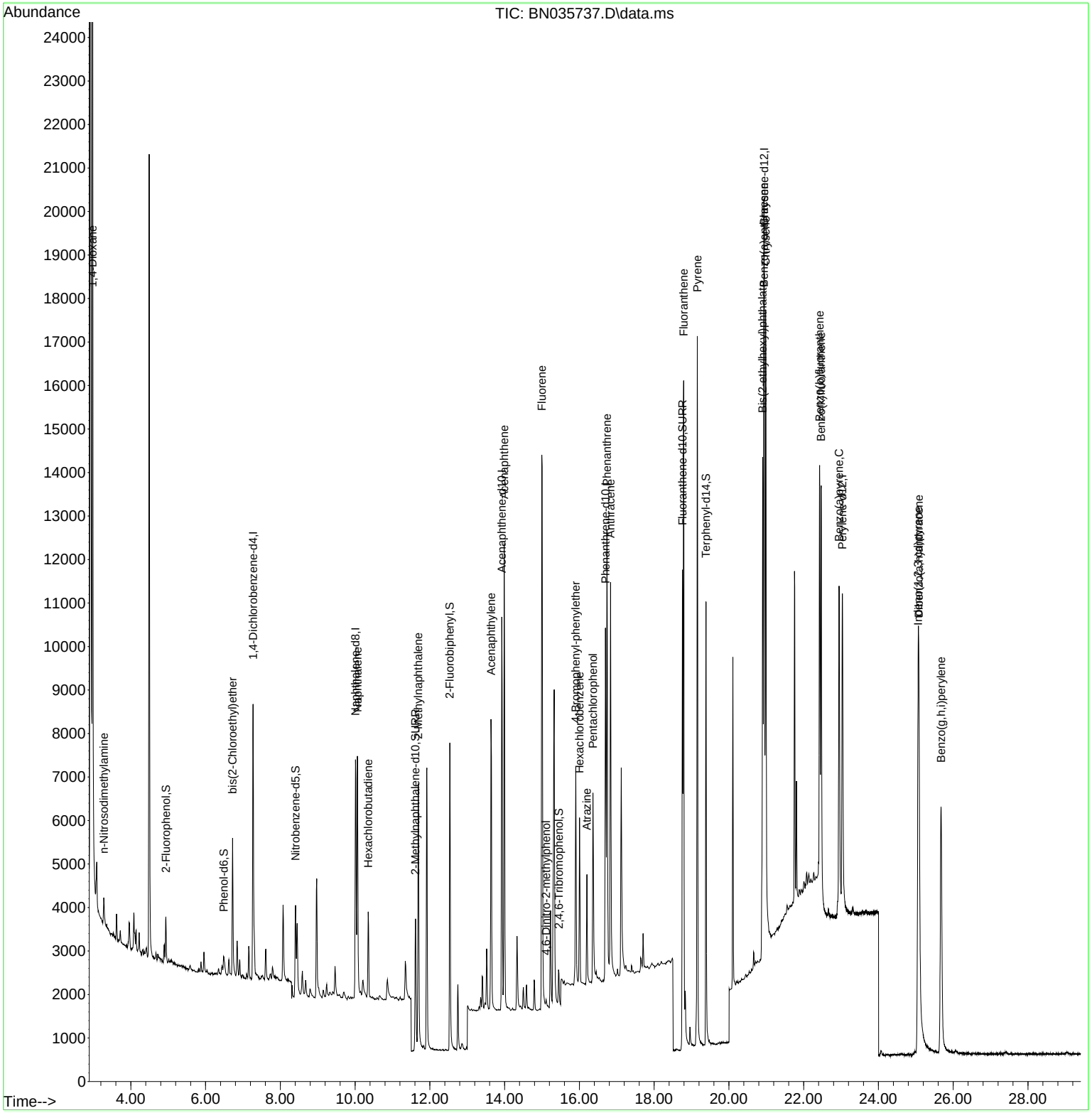
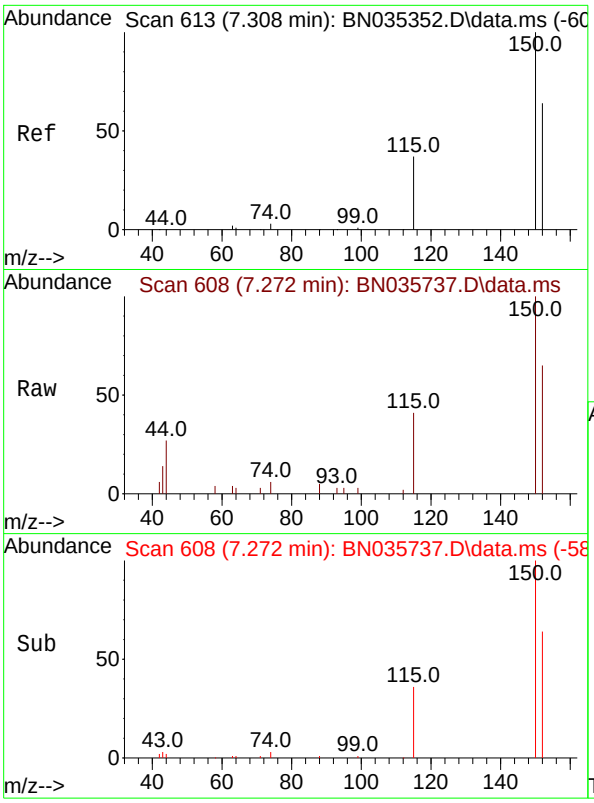


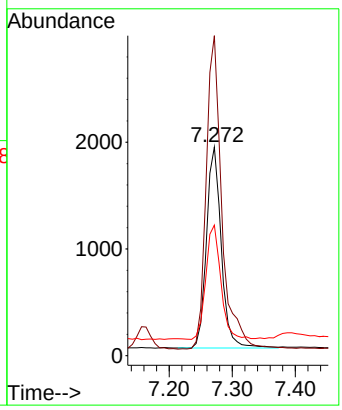


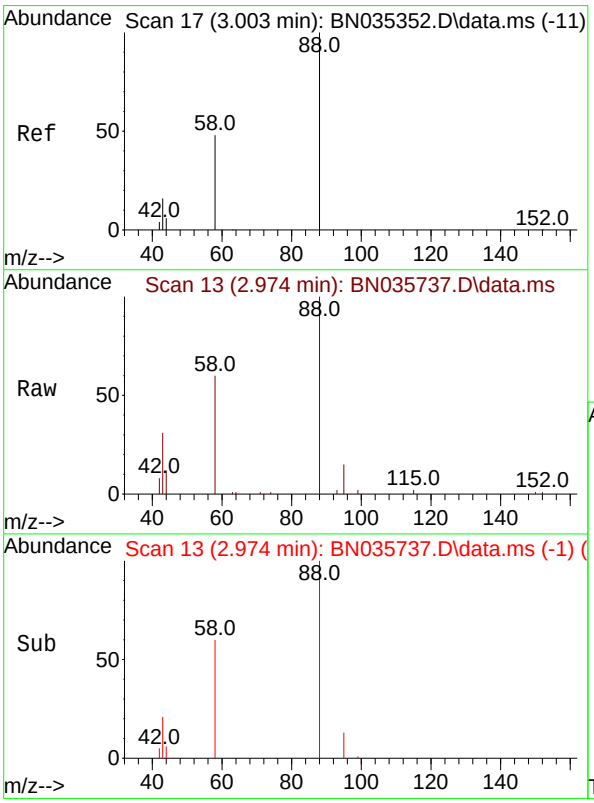
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3069

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.0	186.0
115	62.6	49.6	74.4

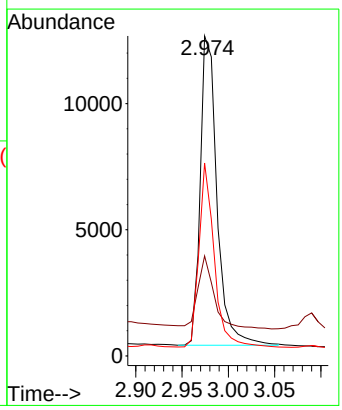


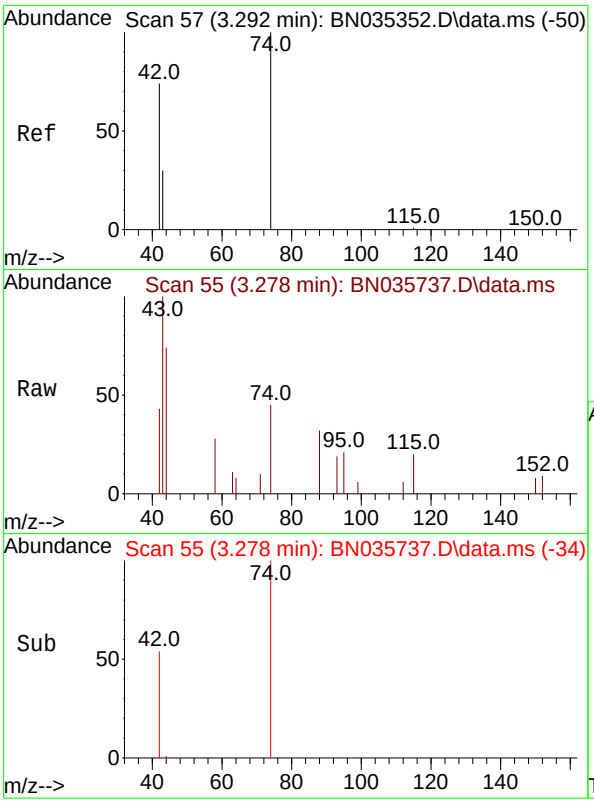


#2
1,4-Dioxane
Concen: 5.274 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion: 88 Resp: 15474

Ion	Ratio	Lower	Upper
88	100		
43	22.7	17.2	25.8
58	54.2	44.5	66.7



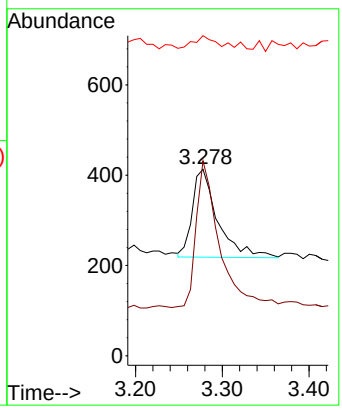


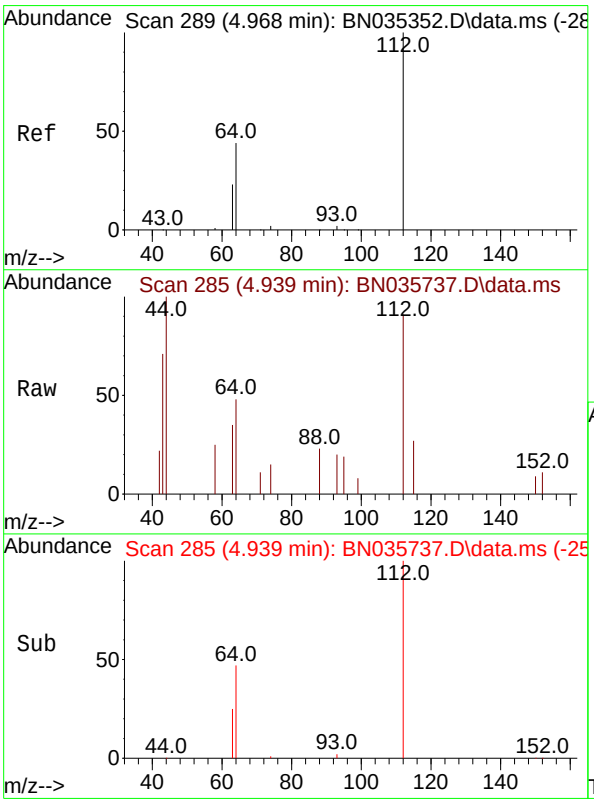
#3
n-Nitrosodimethylamine
Concen: 0.162 ng
RT: 3.278 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 397

Ion	Ratio	Lower	Upper
42	100		
74	152.9	124.9	187.3
44	15.9	2.2	3.4#

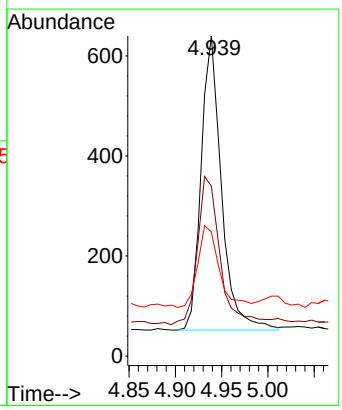


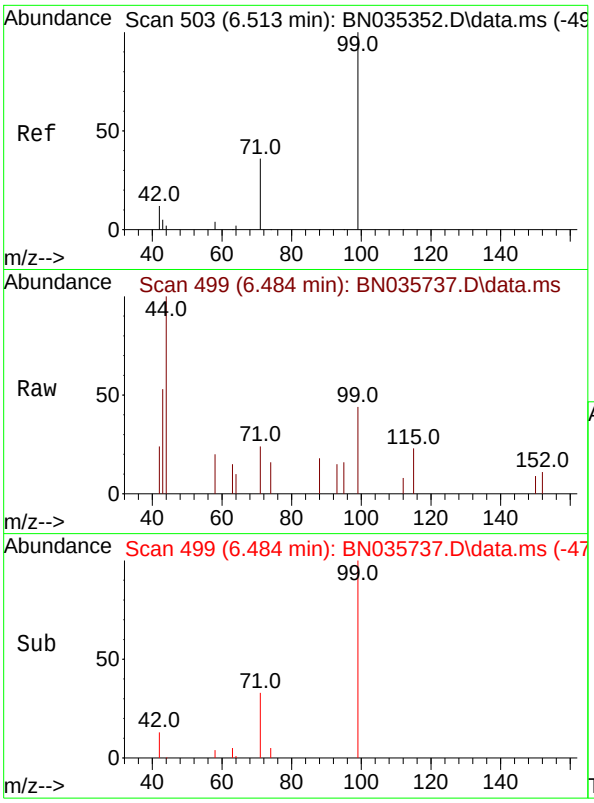


#4
2-Fluorophenol
Concen: 0.117 ng
RT: 4.939 min Scan# 285
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:112 Resp: 900

Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.8	59.8
63	29.2	21.0	31.6



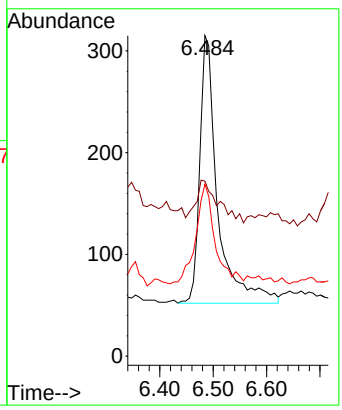


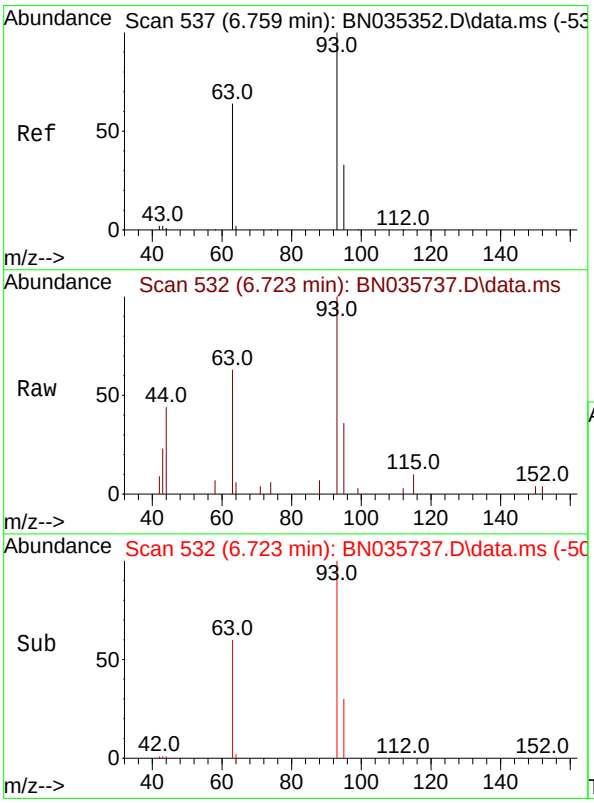
#5
Phenol-d6
Concen: 0.066 ng
RT: 6.484 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 611

Ion	Ratio	Lower	Upper
99	100		
42	19.6	11.4	17.2#
71	40.4	29.3	43.9

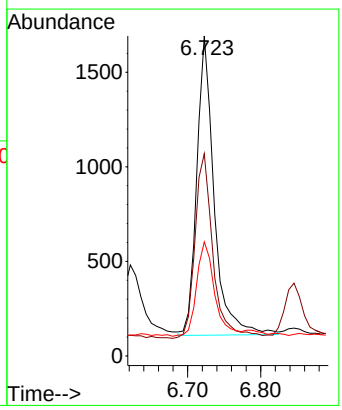


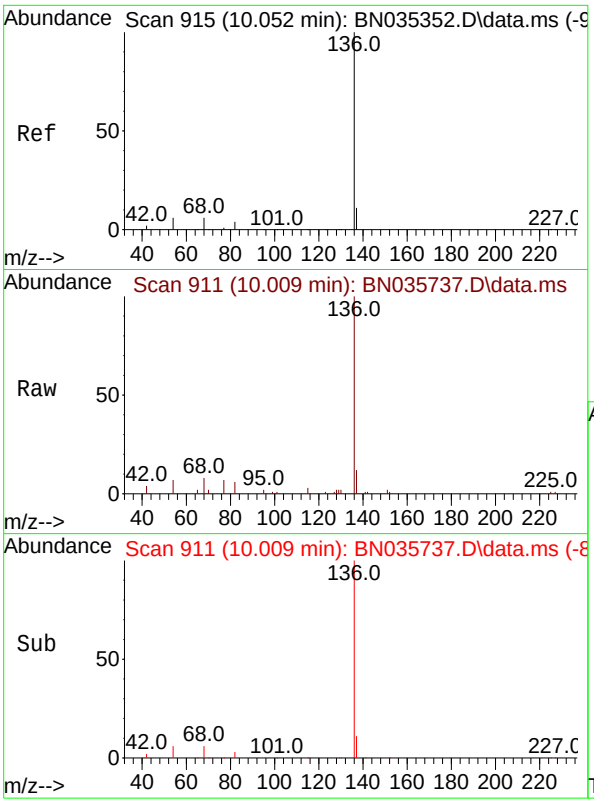


#6
bis(2-Chloroethyl)ether
Concen: 0.337 ng
RT: 6.723 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion: 93 Resp: 2616

Ion	Ratio	Lower	Upper
93	100		
63	64.0	50.4	75.6
95	32.5	25.7	38.5



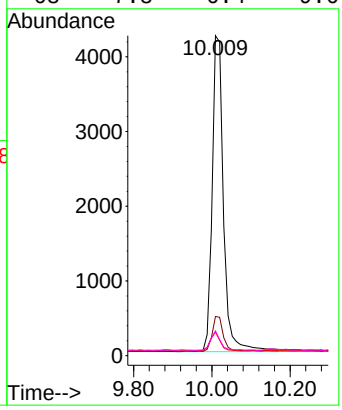


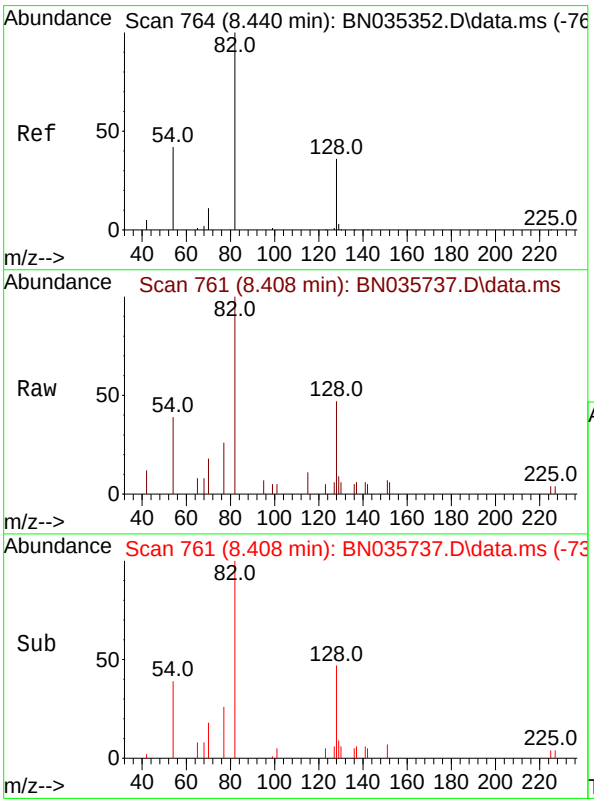
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 8497

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	7.4	6.1	9.1
68	7.8	6.4	9.6

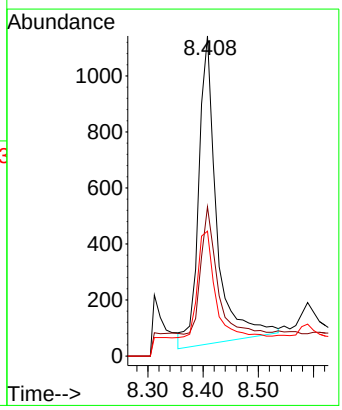


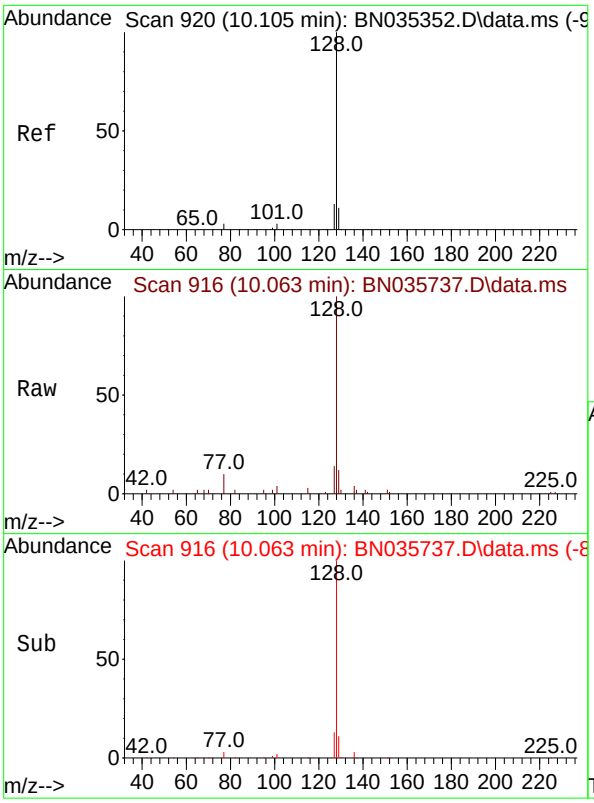


#8
Nitrobenzene-d5
Concen: 0.482 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion: 82 Resp: 2503

Ion	Ratio	Lower	Upper
82	100		
128	46.6	33.4	50.0
54	39.0	36.7	55.1



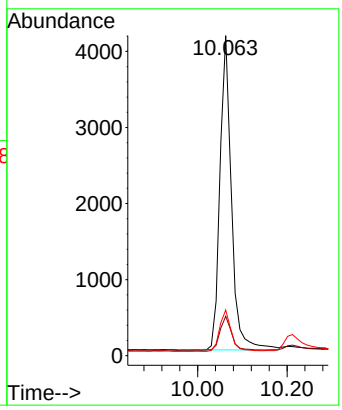


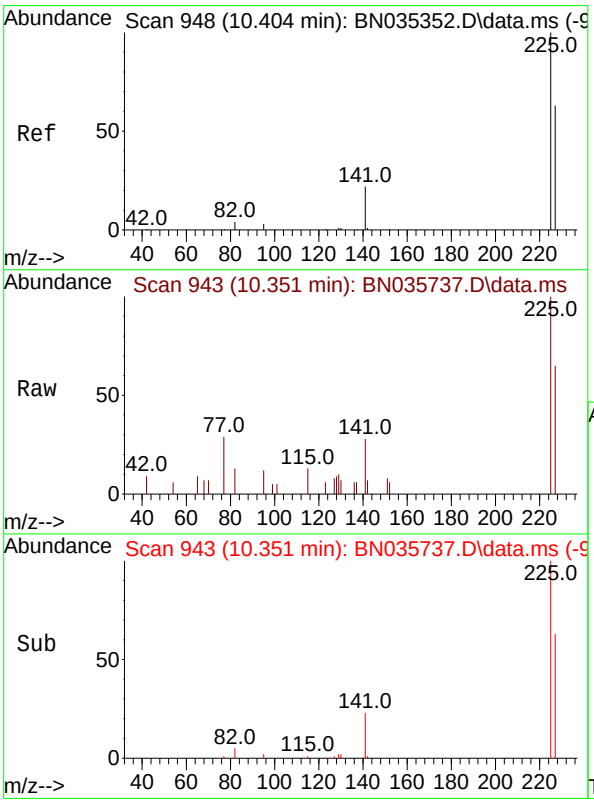
#9
Naphthalene
Concen: 0.330 ng
RT: 10.063 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 7406

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.3	11.4	17.2

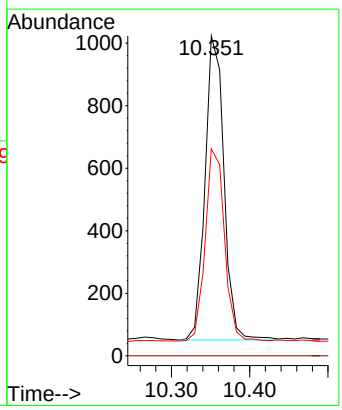


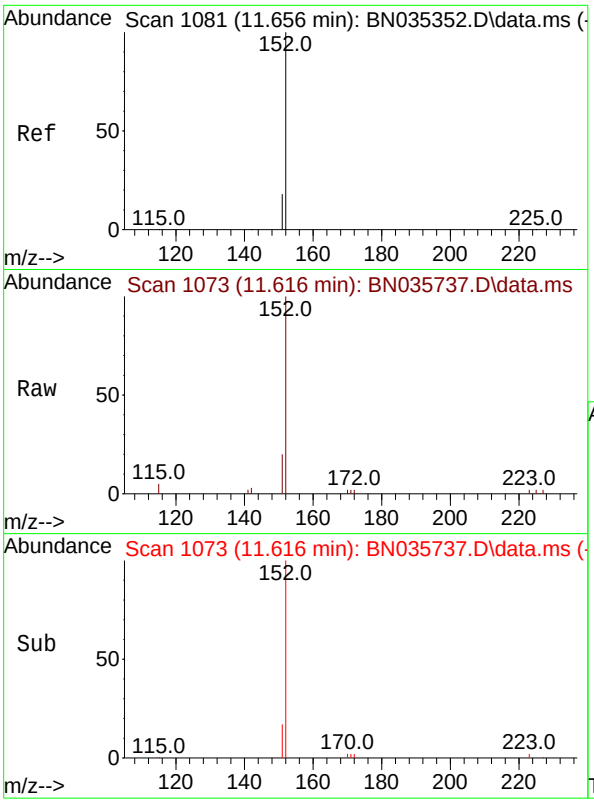


#10
Hexachlorobutadiene
Concen: 0.317 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:225 Resp: 1637

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.3	76.9



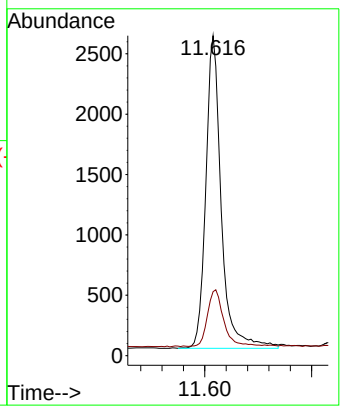


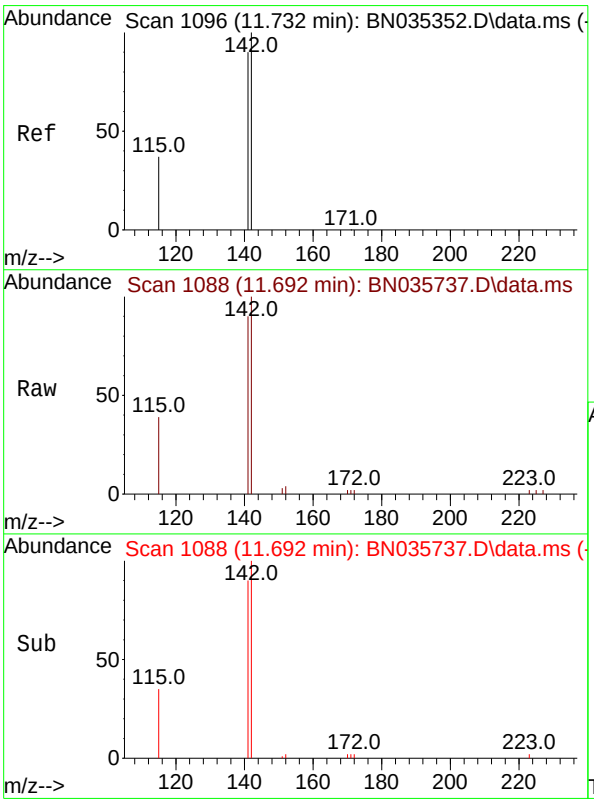
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.616 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5212

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.6	25.0

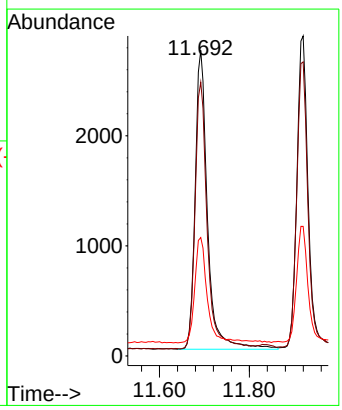


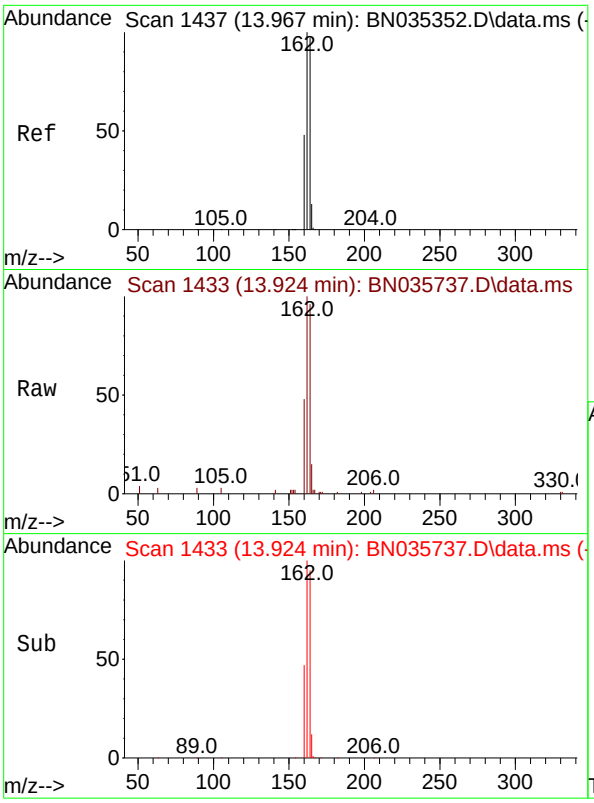


#12
2-Methylnaphthalene
Concen: 0.323 ng
RT: 11.692 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:142 Resp: 5182

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.4
115	38.8	31.4	47.0



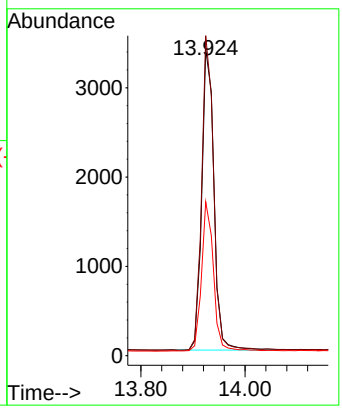


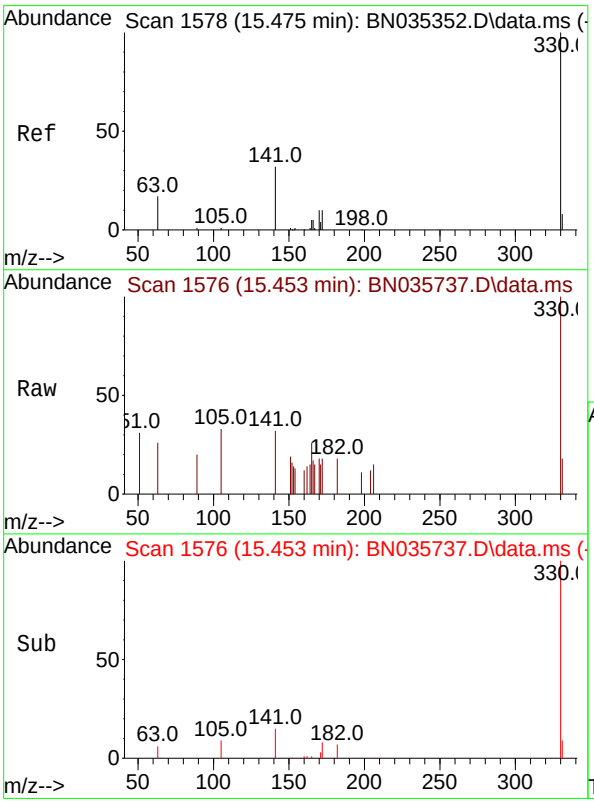
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5472

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.2
160	50.3	40.1	60.1

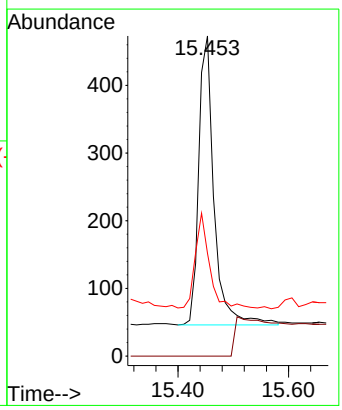


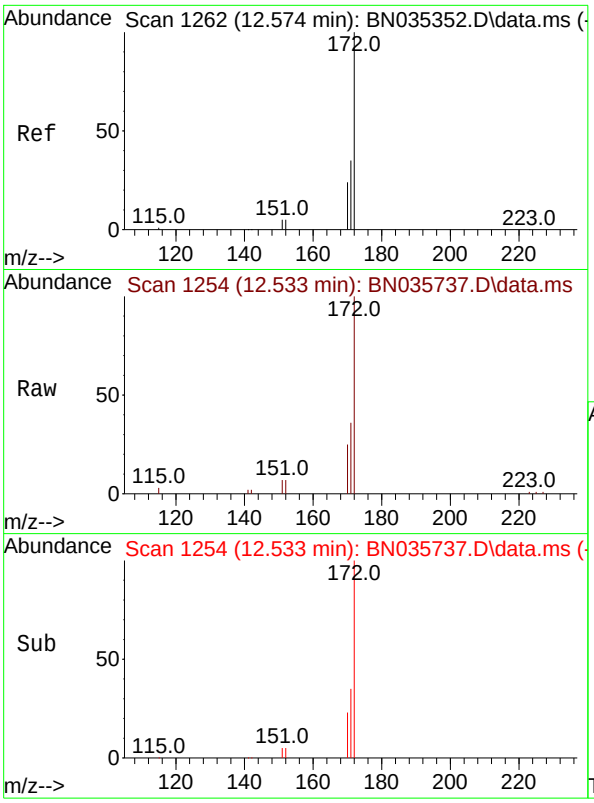


#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:330 Resp: 864

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.4	26.6	40.0



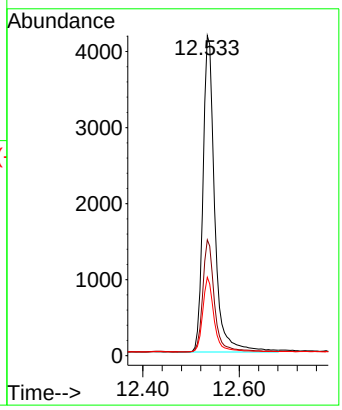


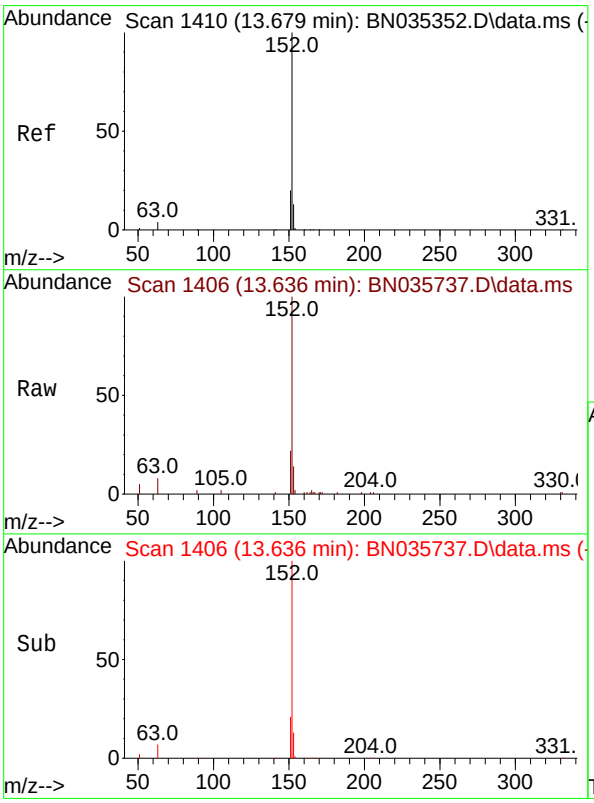
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 7056

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.5	19.8	29.8

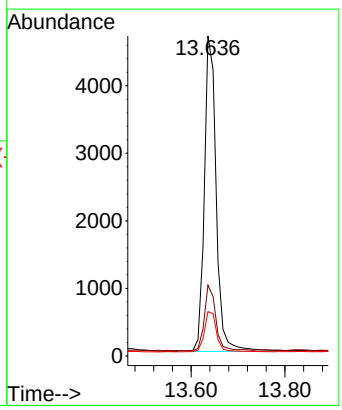


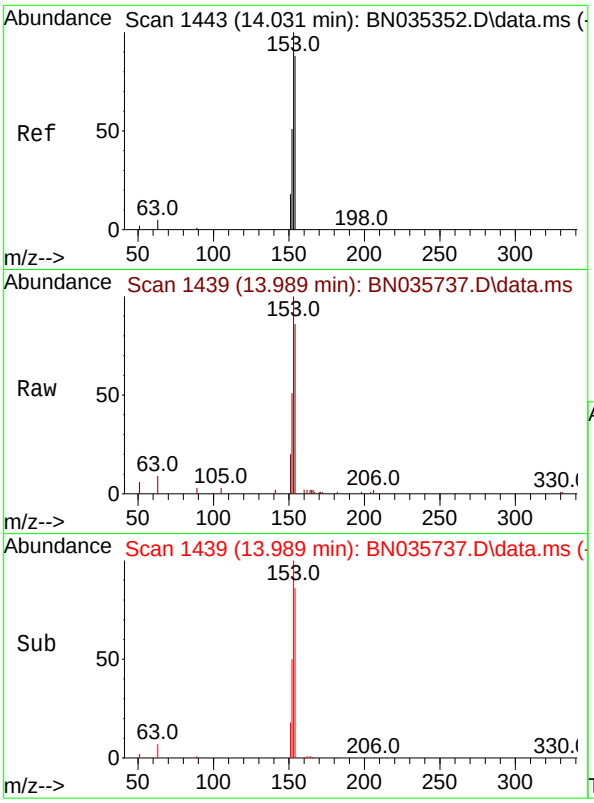


#16
Acenaphthylene
Concen: 0.356 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:152 Resp: 8176

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.3	10.4	15.6



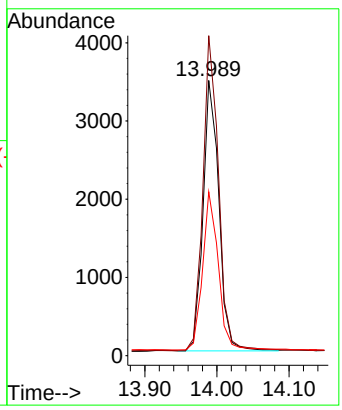


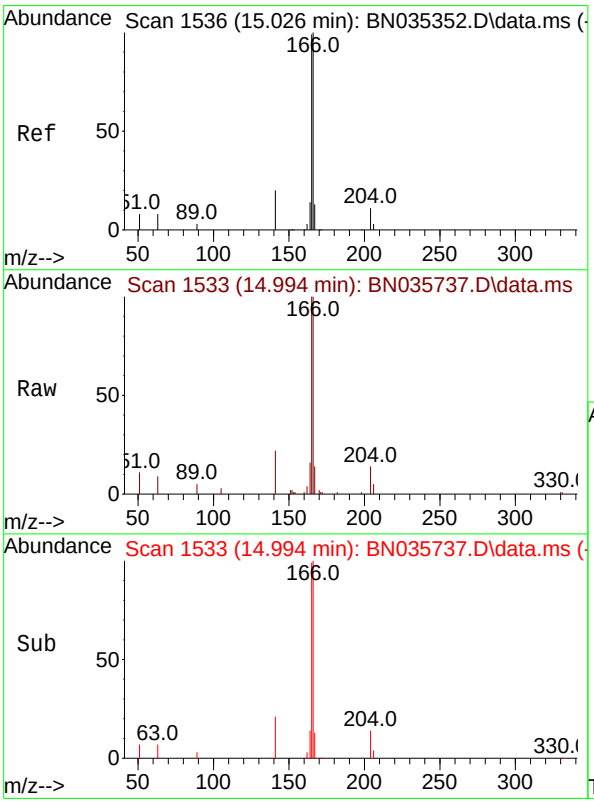
#17
Acenaphthene
Concen: 0.347 ng
RT: 13.989 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5295

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.6	139.0
152	58.1	49.0	73.6

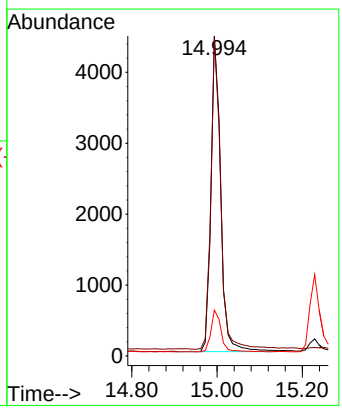


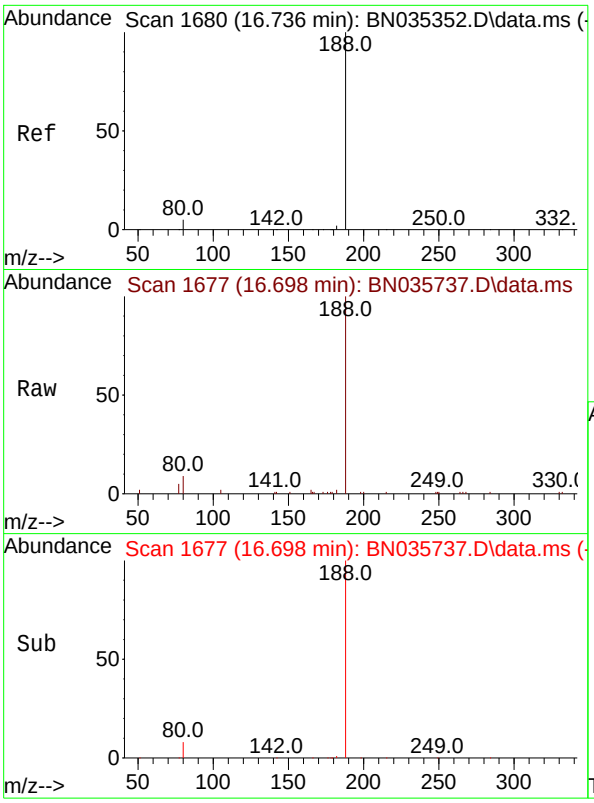


#18
Fluorene
Concen: 0.323 ng
RT: 14.994 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:166 Resp: 7056

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	13.8	10.8	16.2



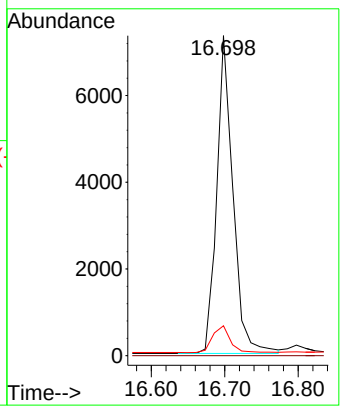


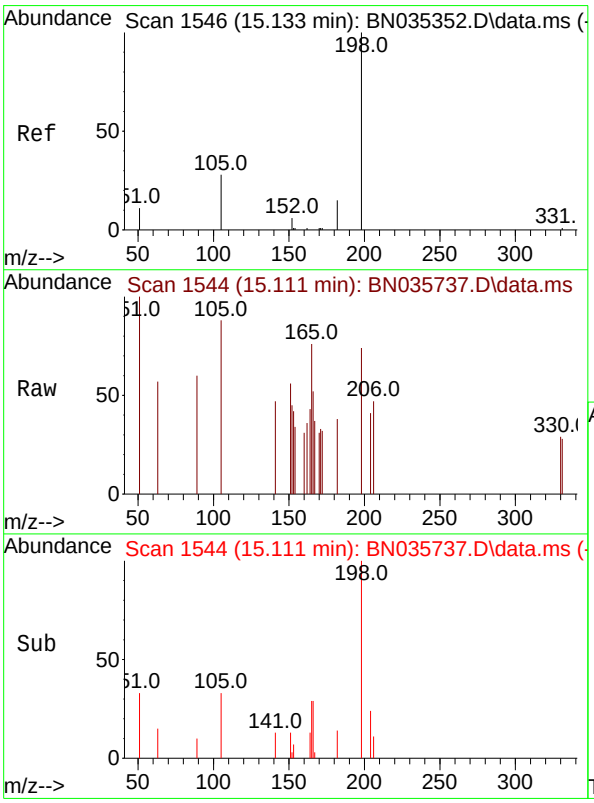
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 11238

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	4.6	6.8#

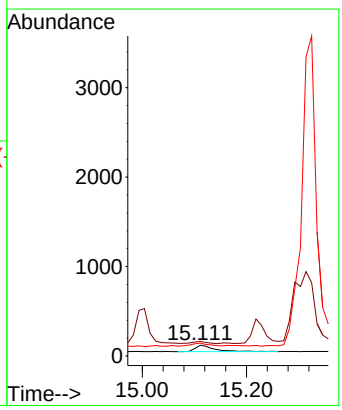


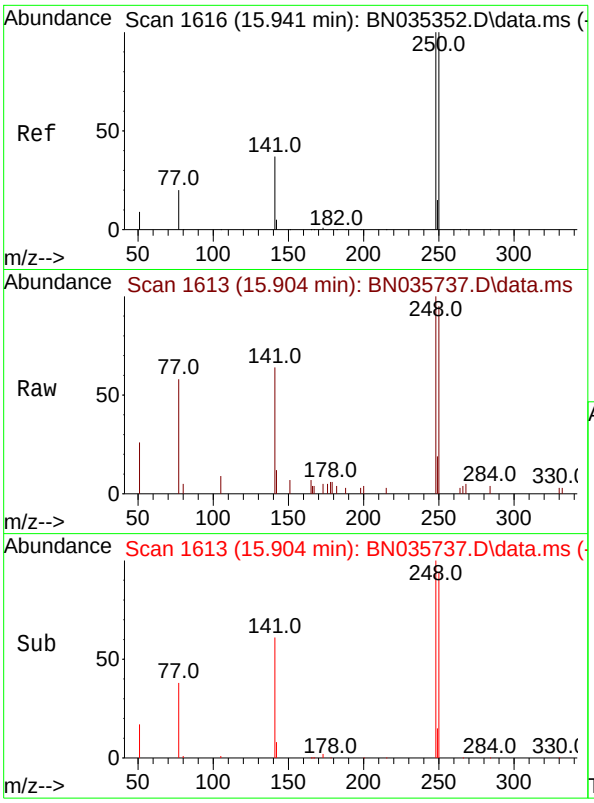


#20
4,6-Dinitro-2-methylphenol
Concen: 0.168 ng
RT: 15.111 min Scan# 1544
Delta R.T. -0.011 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:198 Resp: 186

Ion	Ratio	Lower	Upper
198	100		
51	134.7	46.5	69.7#
105	118.2	45.3	67.9#



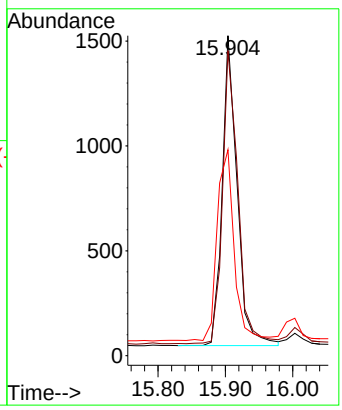


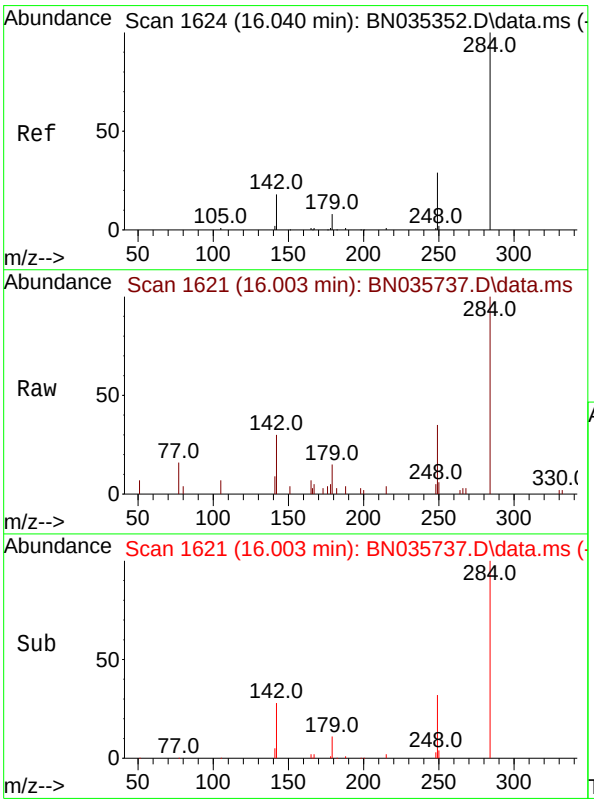
#21
4-Bromophenyl-phenylether
Concen: 0.345 ng
RT: 15.904 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2268

Ion	Ratio	Lower	Upper
248	100		
250	95.3	80.6	120.8
141	64.4	31.5	47.3#

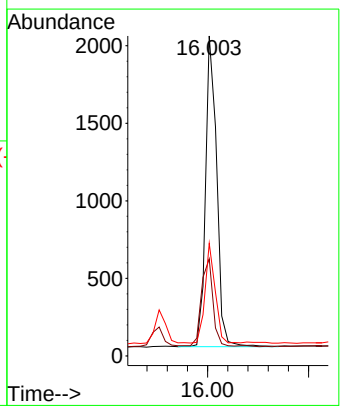


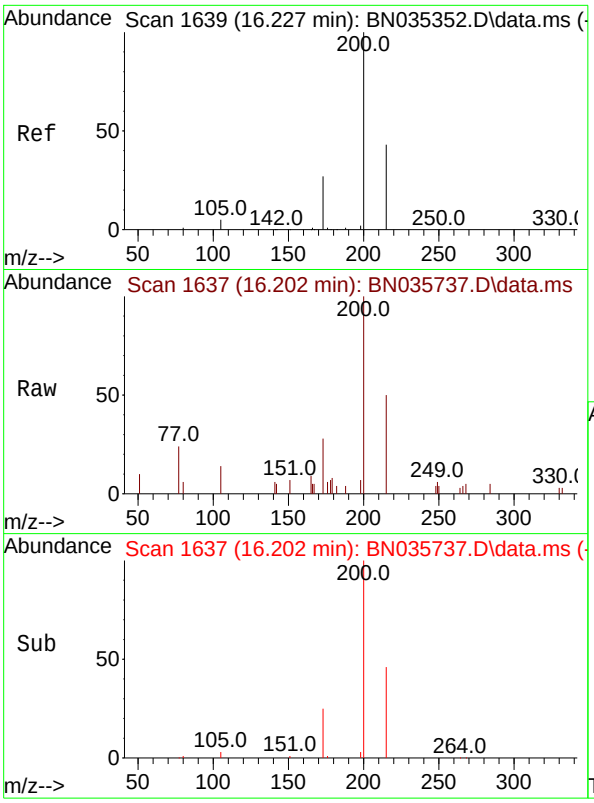


#22
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.003 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:284 Resp: 3067

Ion	Ratio	Lower	Upper
284	100		
142	29.0	26.7	40.1
249	29.8	24.6	36.8



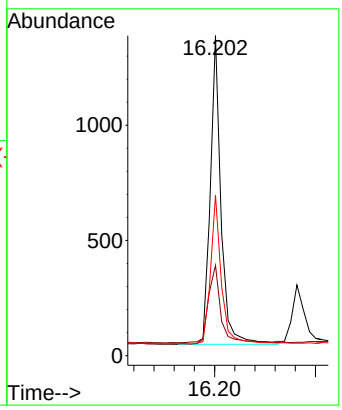


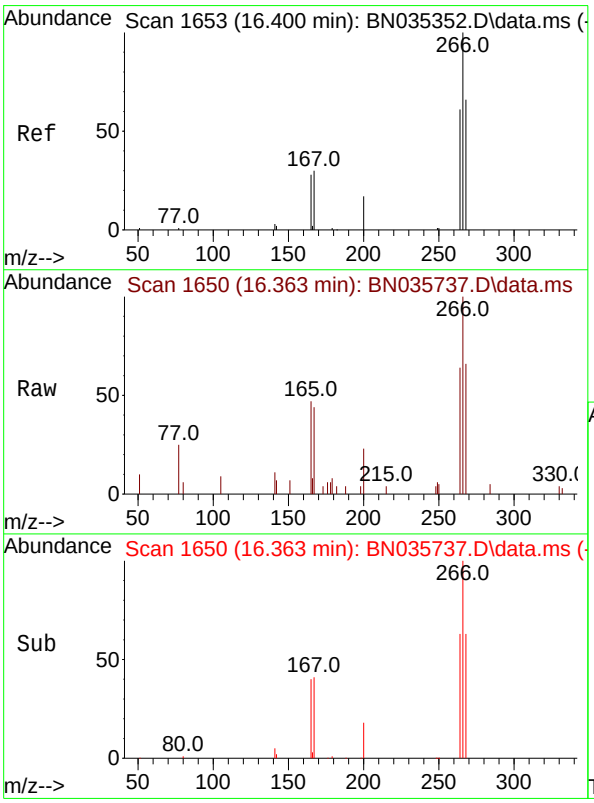
#23
Atrazine
Concen: 0.420 ng
RT: 16.202 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1963

Ion	Ratio	Lower	Upper
200	100		
173	28.2	24.1	36.1
215	50.2	36.9	55.3

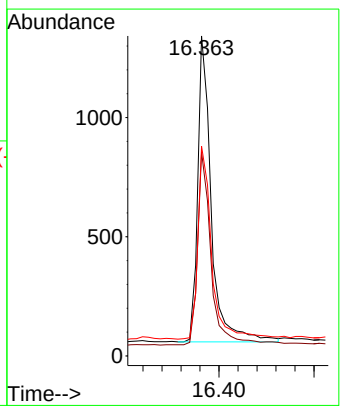


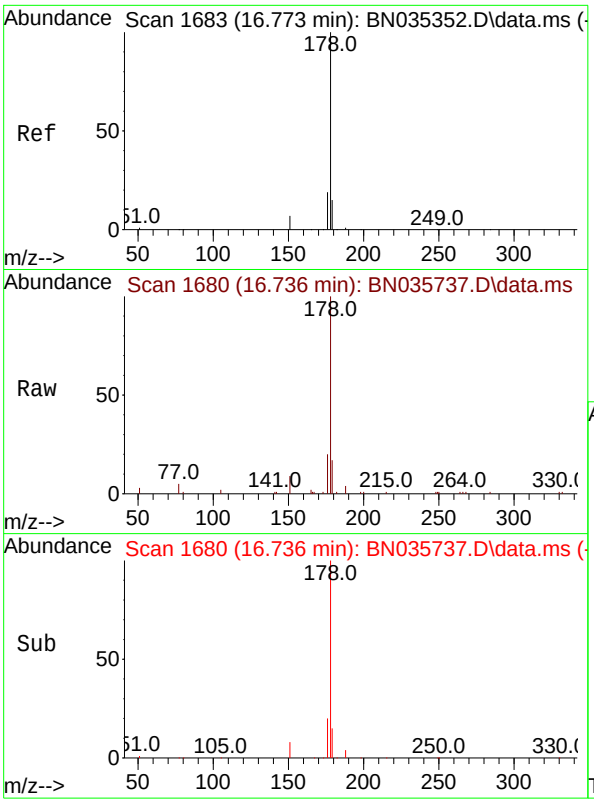


#24
Pentachlorophenol
Concen: 0.759 ng
RT: 16.363 min Scan# 1650
Delta R.T. -0.013 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:266 Resp: 2548

Ion	Ratio	Lower	Upper
266	100		
264	62.5	42.3	63.5
268	64.7	43.3	64.9



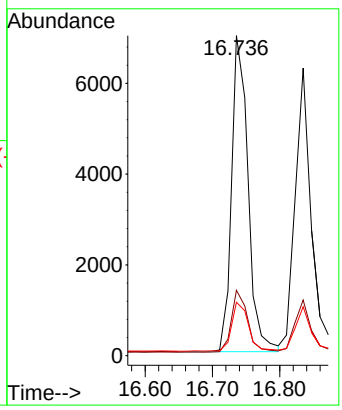


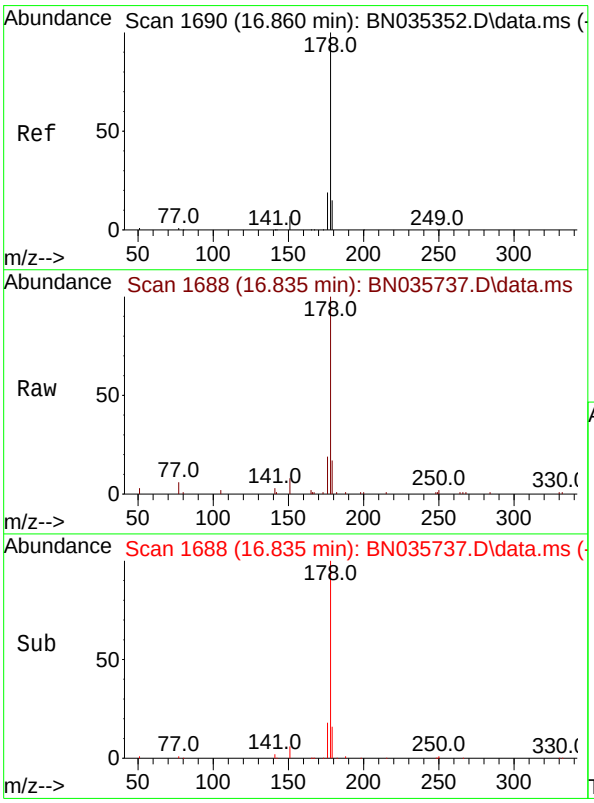
#25
Phenanthrene
Concen: 0.382 ng
RT: 16.736 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11800

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.9	12.3	18.5

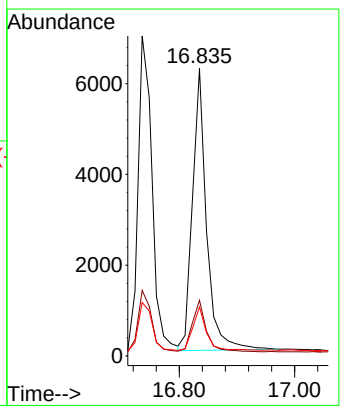


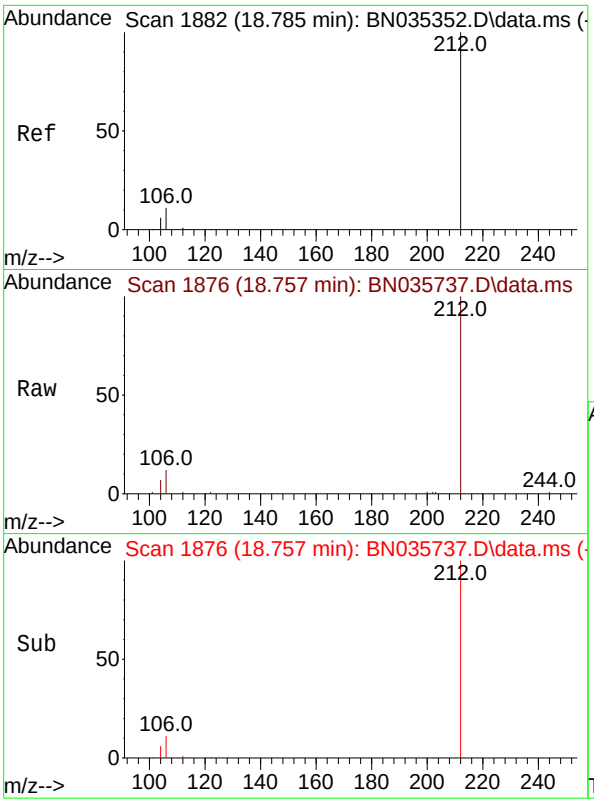


#26
Anthracene
Concen: 0.376 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:178 Resp: 10506

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.3	12.6	18.8



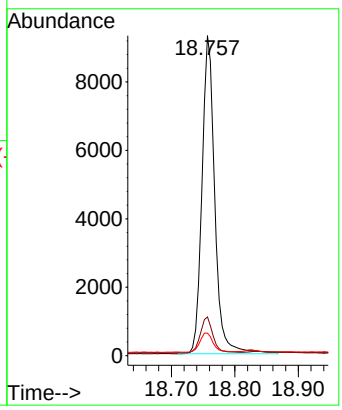


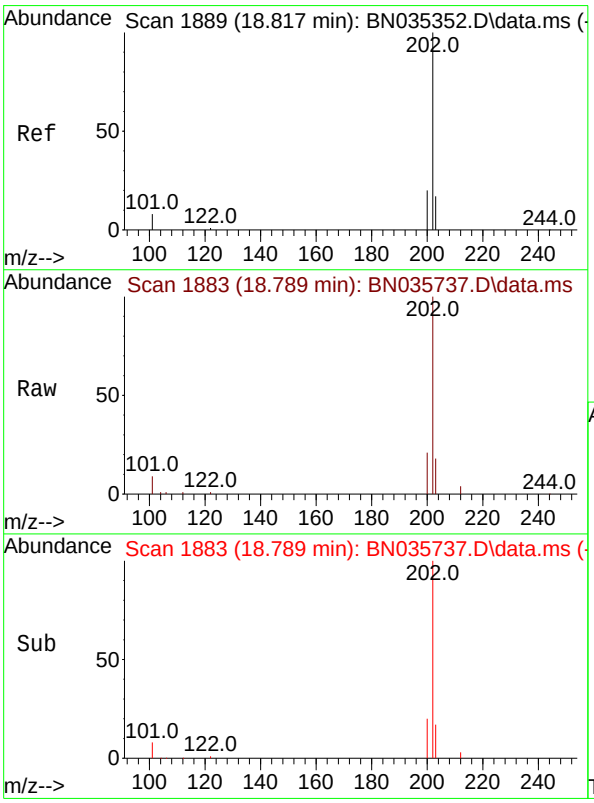
#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 18.757 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 13055

Ion	Ratio	Lower	Upper
212	100		
106	11.0	9.2	13.8
104	6.2	5.3	7.9

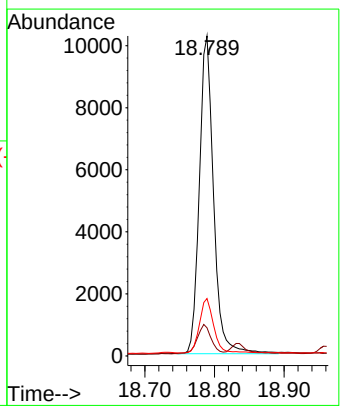


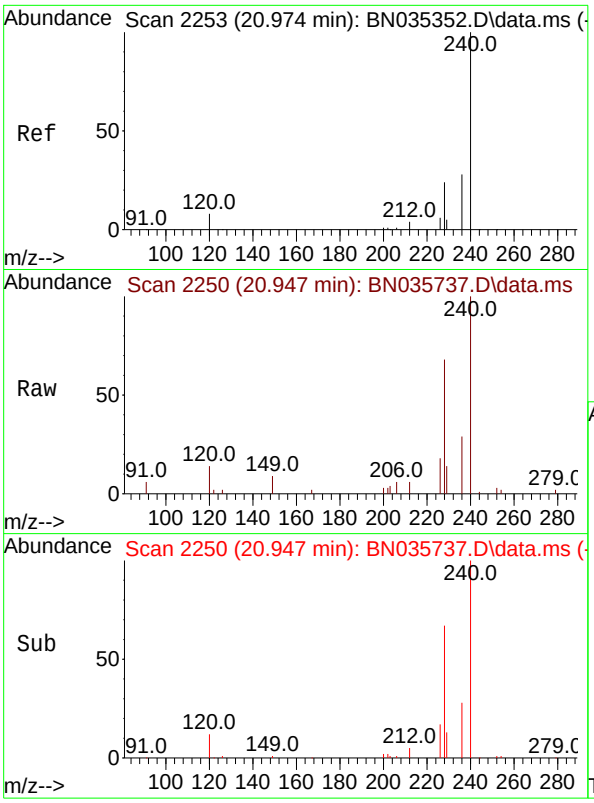


#28
Fluoranthene
Concen: 0.350 ng
RT: 18.789 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:202 Resp: 14548

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.4	11.0
203	17.0	13.7	20.5



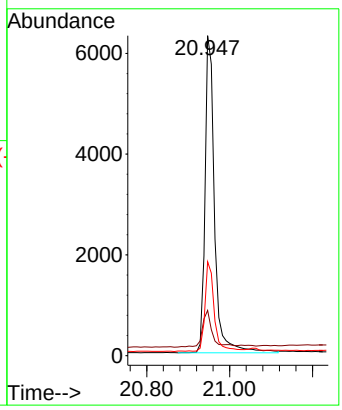


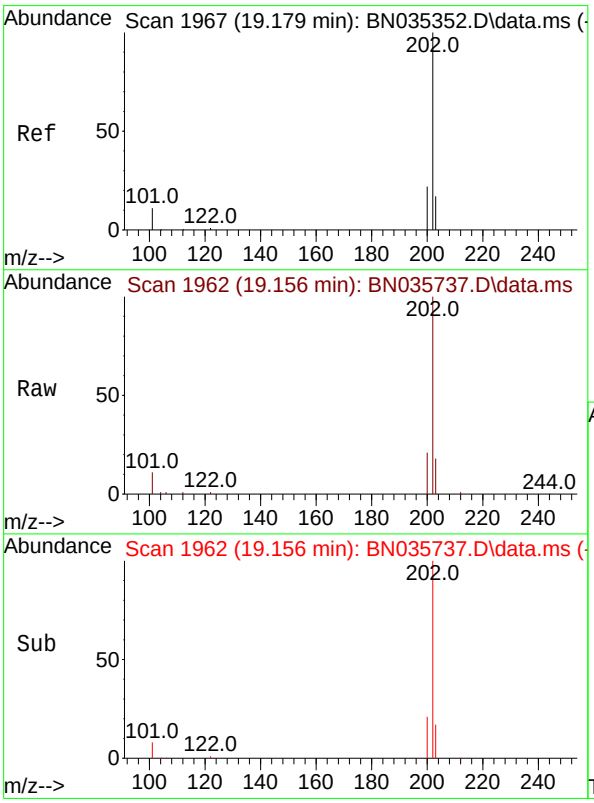
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 10070

Ion	Ratio	Lower	Upper
240	100		
120	14.2	7.9	11.9#
236	29.3	22.9	34.3

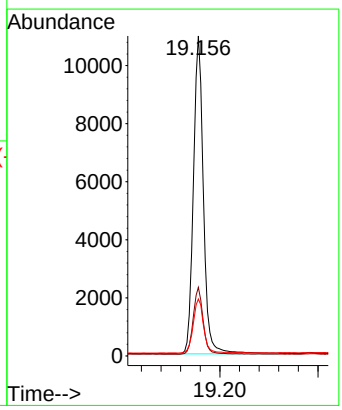


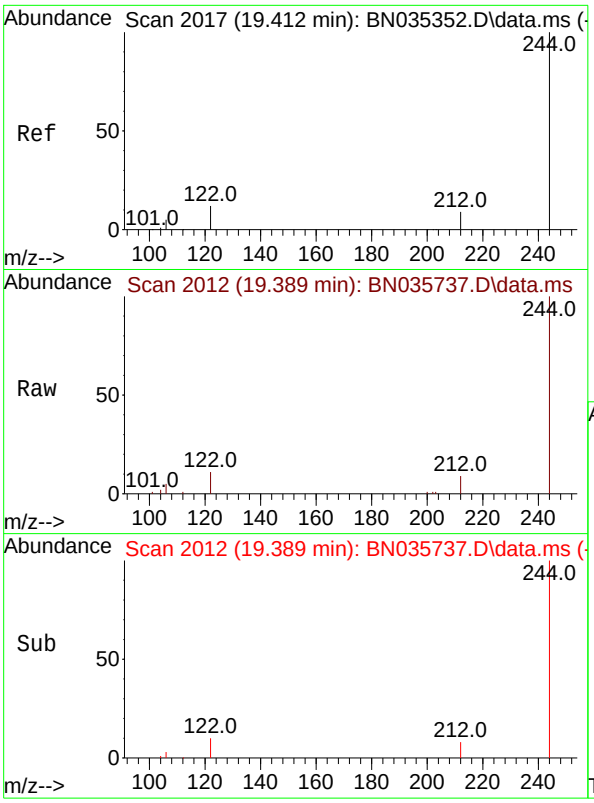


#30
Pyrene
Concen: 0.417 ng
RT: 19.156 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:202 Resp: 15486

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.5	14.3	21.5



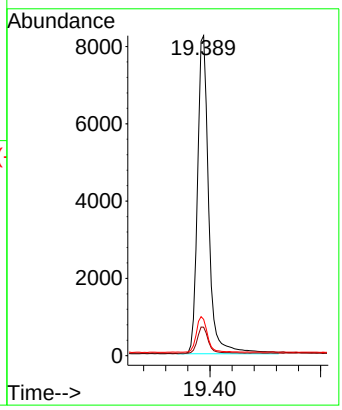


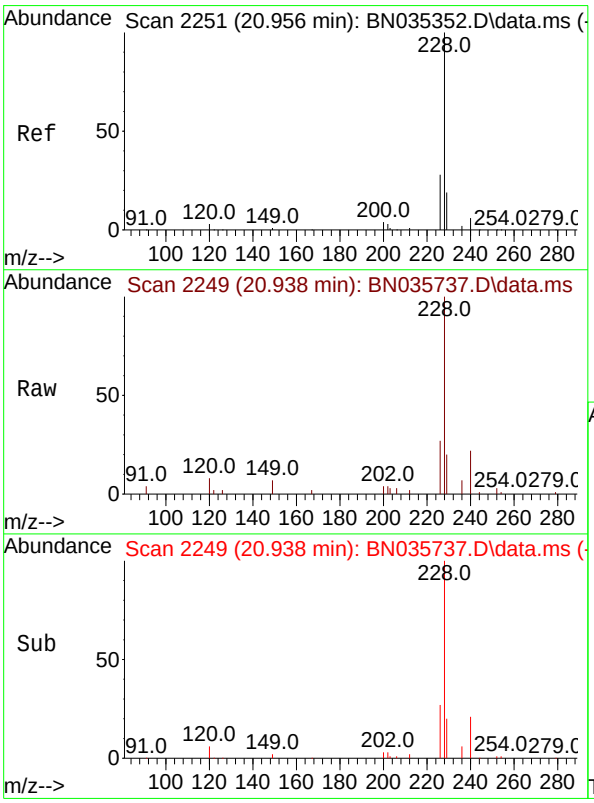
#31
Terphenyl-d14
Concen: 0.585 ng
RT: 19.389 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 11620

Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.1	12.1
122	11.3	10.3	15.5

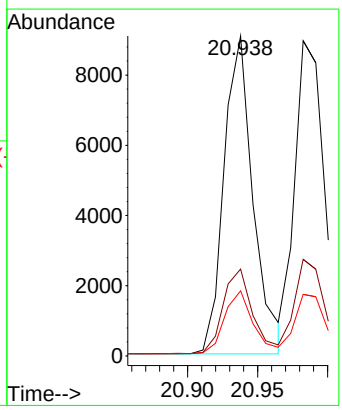


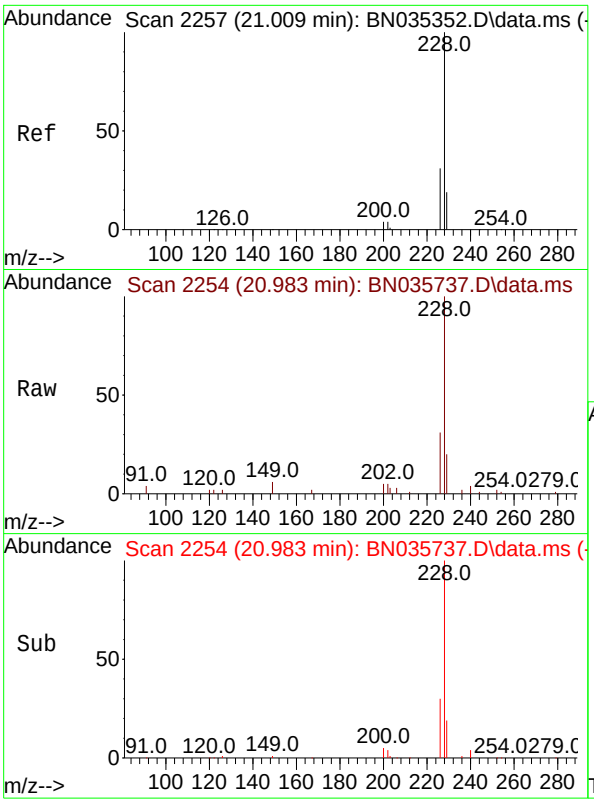


#32
Benzo(a)anthracene
Concen: 0.373 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:228 Resp: 13128

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.5	33.7
229	20.4	15.8	23.8



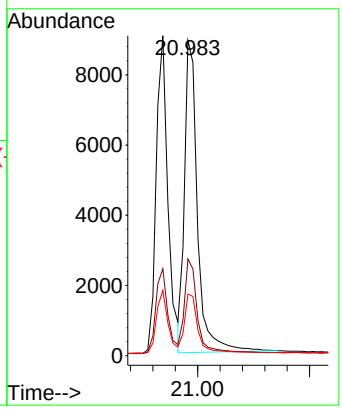


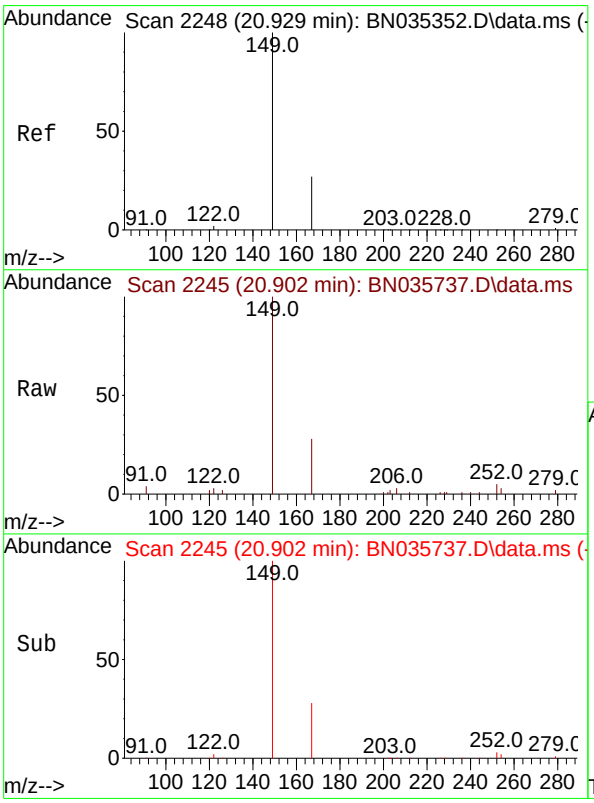
#33
Chrysene
Concen: 0.396 ng
RT: 20.983 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14397

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.6	15.9	23.9

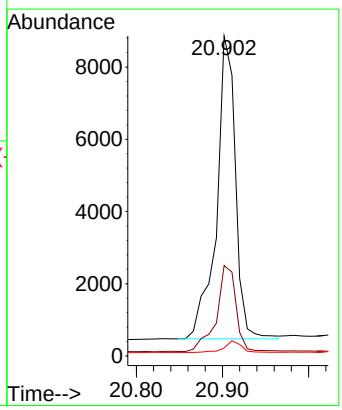


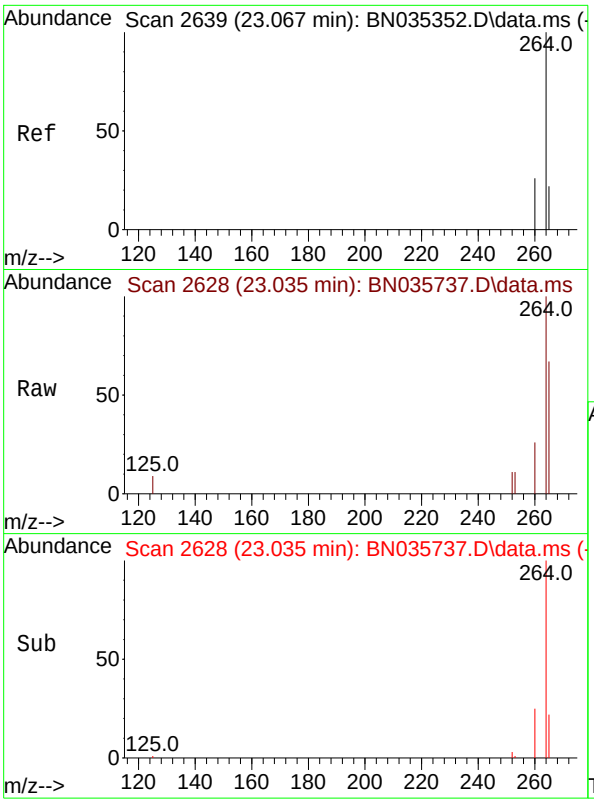


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.918 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:149 Resp: 12764

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.2	33.4
279	3.4	2.7	4.1



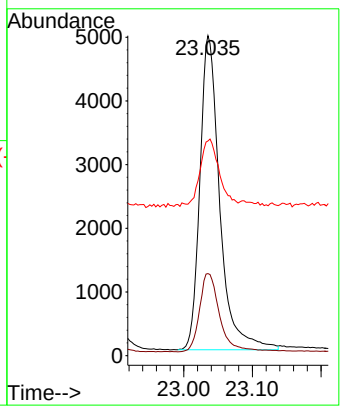


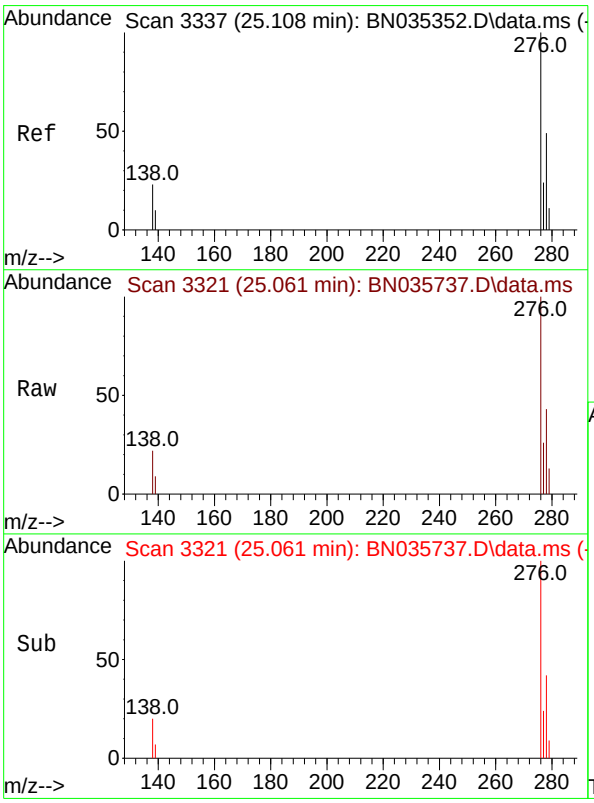
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.035 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 9931

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.4	32.2
265	67.1	40.2	60.4#

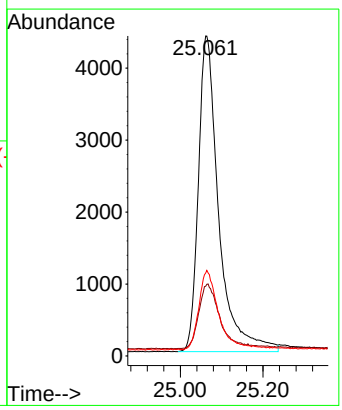


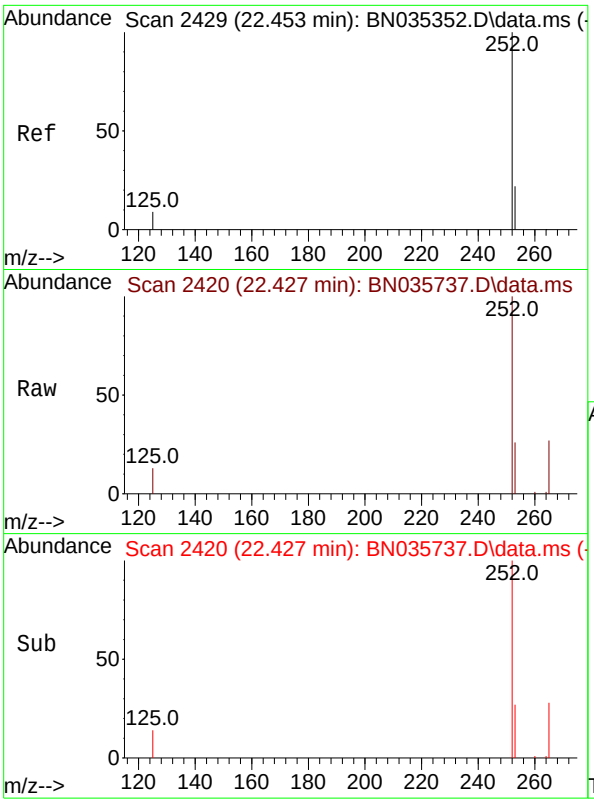


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 25.061 min Scan# 3321
Delta R.T. -0.006 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:276 Resp: 15032

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.4	29.0
277	23.9	19.8	29.6



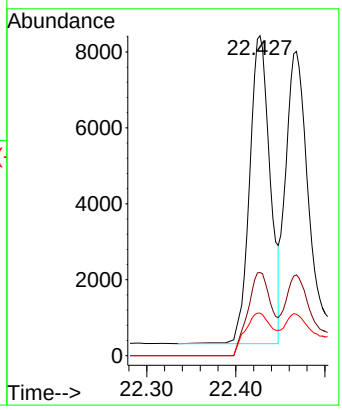


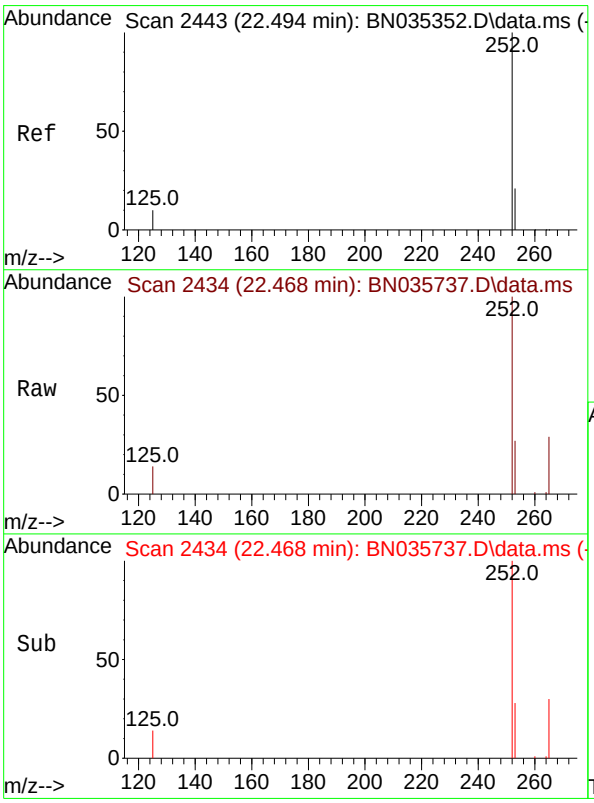
#37
Benzo(b)fluoranthene
Concen: 0.610 ng
RT: 22.427 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 22144

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	13.3	9.6	14.4

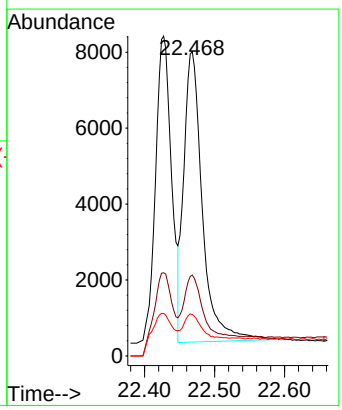


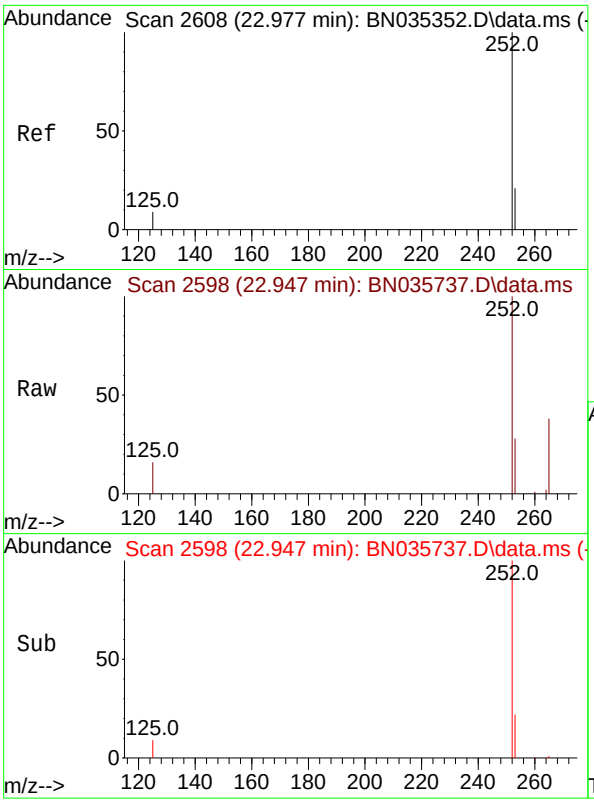


#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 22.468 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:252 Resp: 14125

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.5	29.3
125	13.6	10.2	15.4



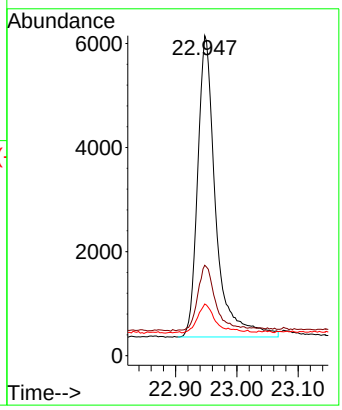


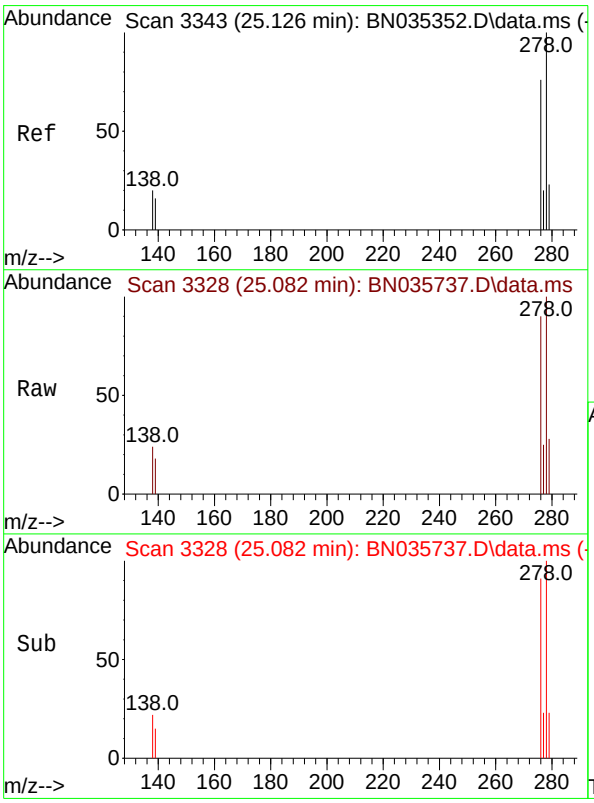
#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 22.947 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11859

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.2	30.4
125	16.1	10.9	16.3

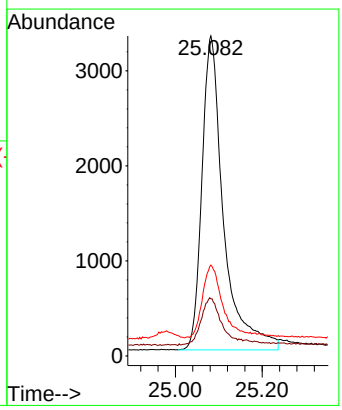


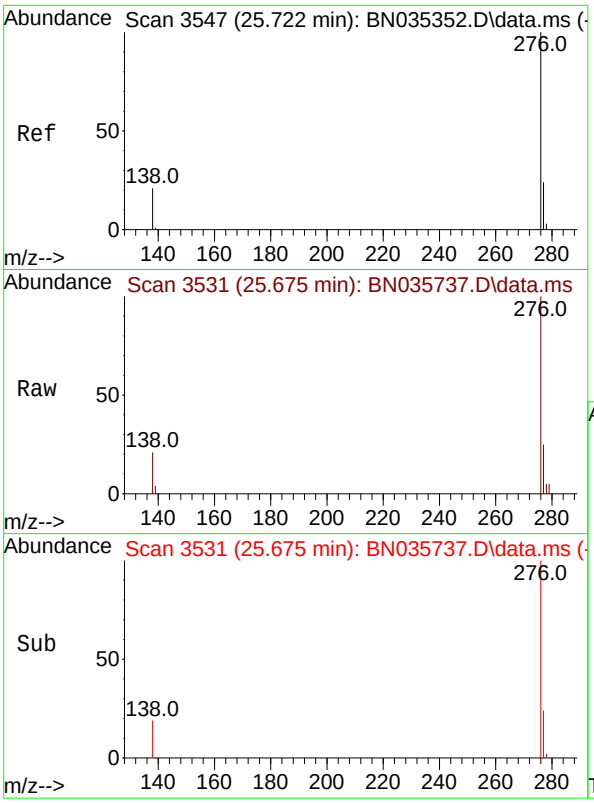


#40
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 25.082 min Scan# 3328
Delta R.T. -0.000 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Tgt Ion:278 Resp: 11425

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	28.4	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 25.675 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035737.D
Acq: 20 Dec 2024 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12077

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.9	29.9
138	21.4	17.8	26.8