Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035738.D
Acq On : 20 Dec 2024 12:53
Operator : RC/JU
Sample : P5261-13MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 14:16:01 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	3265	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	9048	0.400	ng		-0.01
13) Acenaphthene-d10	13.925	164	5785	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	11929	0.400	ng	#	0.00
29) Chrysene-d12	20.947	240	10838	0.400	ng	#	0.00
35) Perylene-d12	23.038	264	10844	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.939	112	965	0.118	ng		0.00
5) Phenol-d6	6.484	99	622	0.063	ng		0.00
8) Nitrobenzene-d5	8.408	82	2545	0.461	ng		0.00
11) 2-Methylnaphthalene-d10	11.616	152	5529	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	891	0.217	ng		0.00
15) 2-Fluorobiphenyl	12.534	172	7466	0.341	ng		-0.01
27) Fluoranthene-d10	18.757	212	14112	0.417	ng		0.00
31) Terphenyl-d14	19.389	244	12561	0.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	16269	5.212	ng		98
3) n-Nitrosodimethylamine	3.278	42	392	0.151	ng	#	94
6) bis(2-Chloroethyl)ether	6.723	93	2782	0.337	ng		98
9) Naphthalene	10.063	128	7939	0.333	ng		100
10) Hexachlorobutadiene	10.351	225	1767	0.321	ng	#	99
12) 2-Methylnaphthalene	11.692	142	5459	0.320	ng		99
16) Acenaphthylene	13.636	152	8595	0.354	ng		99
17) Acenaphthene	13.989	154	5666	0.351	ng		97
18) Fluorene	14.994	166	7419	0.321	ng		100
20) 4,6-Dinitro-2-methylph...	15.111	198	201	0.171	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2391	0.343	ng	#	82
22) Hexachlorobenzene	16.003	284	3241	0.396	ng		96
23) Atrazine	16.202	200	2057	0.414	ng		96
24) Pentachlorophenol	16.363	266	2674	0.750	ng	#	86
25) Phenanthrene	16.736	178	12435	0.380	ng		99
26) Anthracene	16.835	178	11234	0.379	ng		99
28) Fluoranthene	18.789	202	15609	0.353	ng		100
30) Pyrene	19.156	202	16643	0.416	ng		99
32) Benzo(a)anthracene	20.938	228	14262	0.376	ng		99
33) Chrysene	20.983	228	15526	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	13398	0.895	ng		98
36) Indeno(1,2,3-cd)pyrene	25.064	276	16365	0.386	ng		97
37) Benzo(b)fluoranthene	22.427	252	26576	0.670	ng		98
38) Benzo(k)fluoranthene	22.468	252	15174	0.389	ng		97
39) Benzo(a)pyrene	22.950	252	13047	0.399	ng		95
40) Dibenzo(a,h)anthracene	25.085	278	12476	0.373	ng		97
41) Benzo(g,h,i)perylene	25.675	276	13349	0.382	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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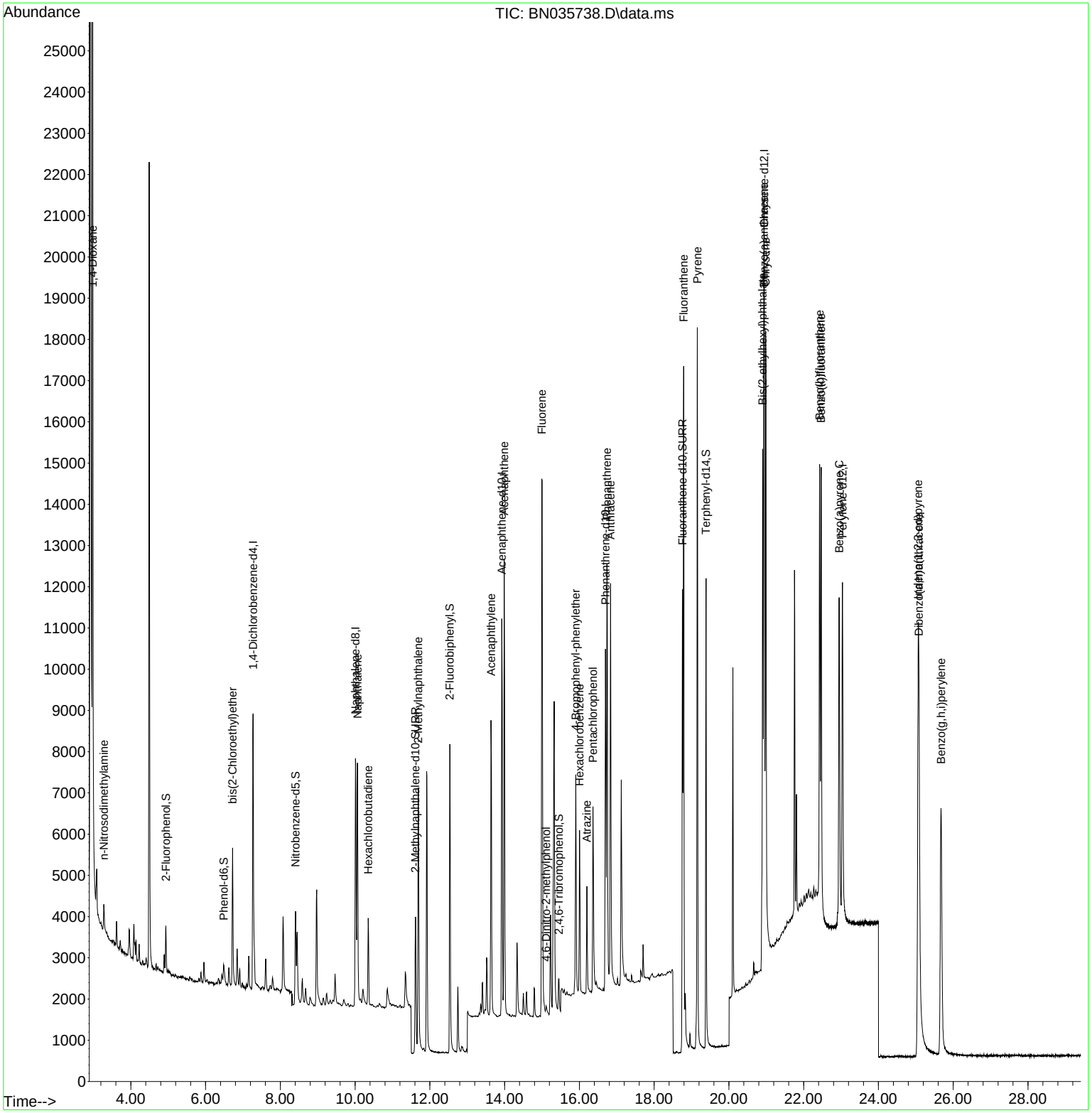
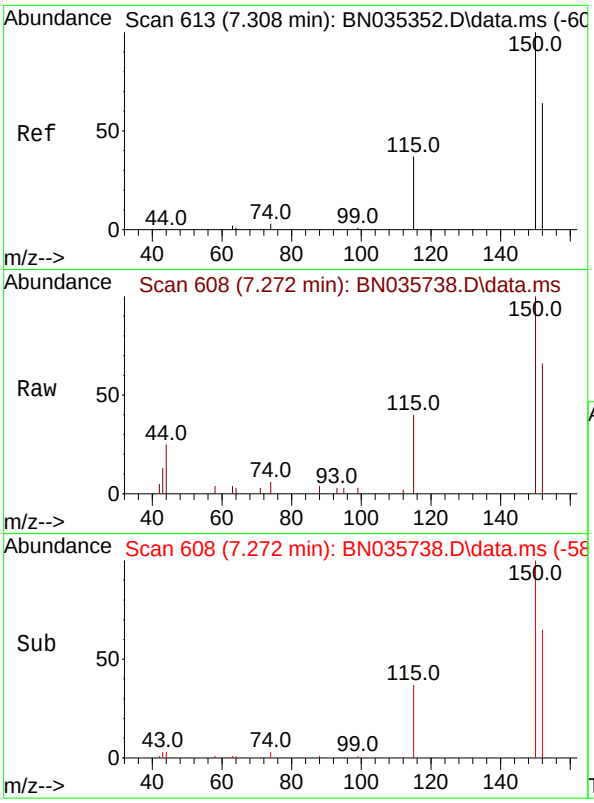
Quant Time: Dec 20 14:16:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



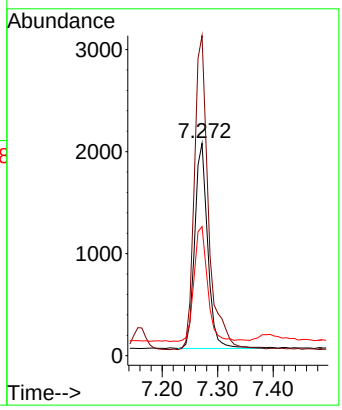


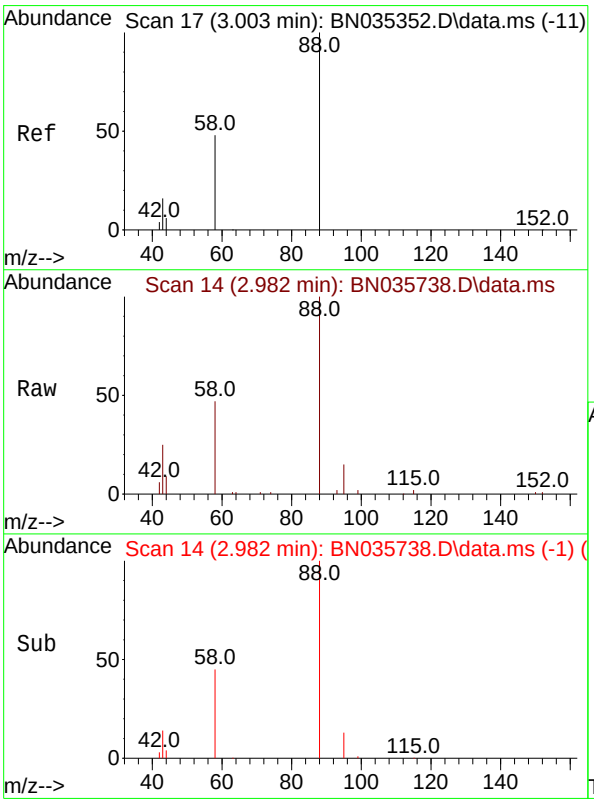
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3265

Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.0	186.0
115	60.8	49.6	74.4

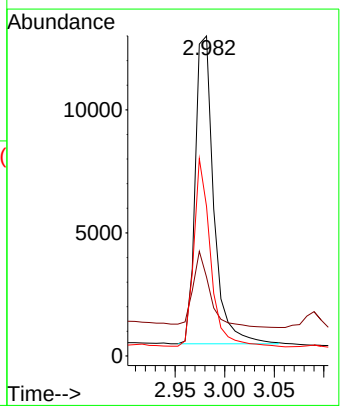


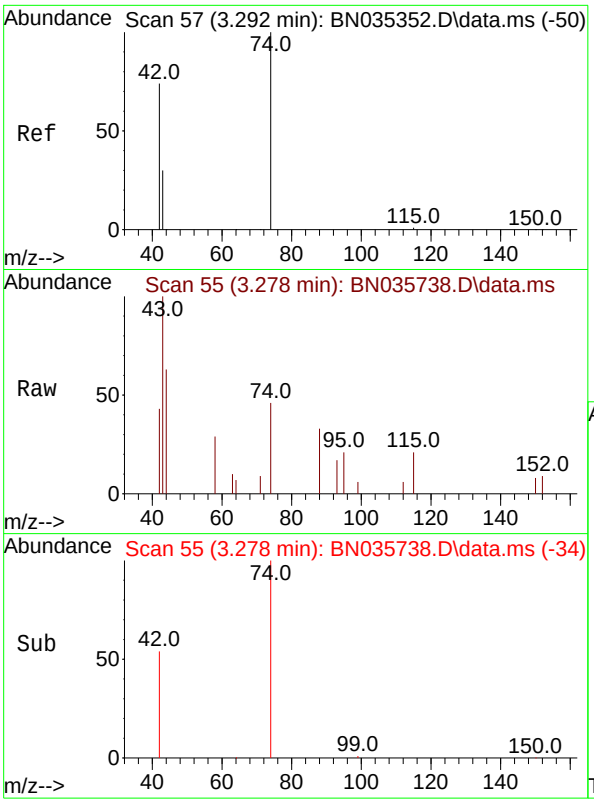


#2
1,4-Dioxane
Concen: 5.212 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion: 88 Resp: 16269

Ion	Ratio	Lower	Upper
88	100		
43	22.7	17.2	25.8
58	54.5	44.5	66.7



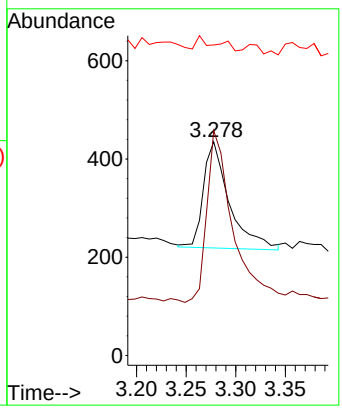


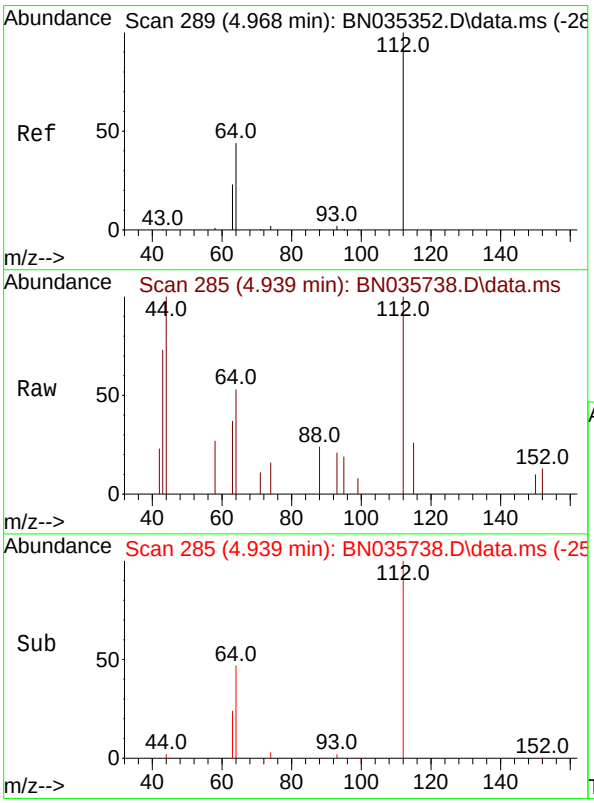
#3
n-Nitrosodimethylamine
Concen: 0.151 ng
RT: 3.278 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
74	163.8	124.9	187.3
44	5.1	2.2	3.4#

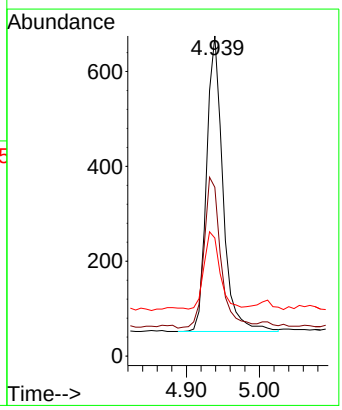


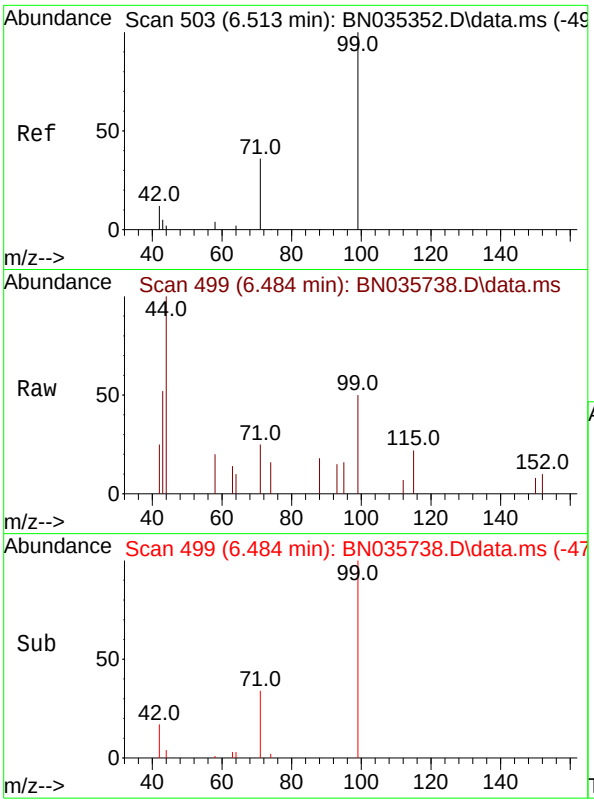


#4
2-Fluorophenol
Concen: 0.118 ng
RT: 4.939 min Scan# 285
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:112 Resp: 965

Ion	Ratio	Lower	Upper
112	100		
64	52.7	39.8	59.8
63	26.4	21.0	31.6



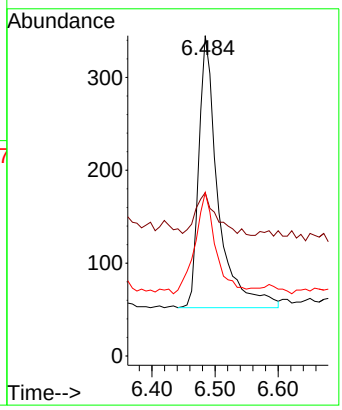


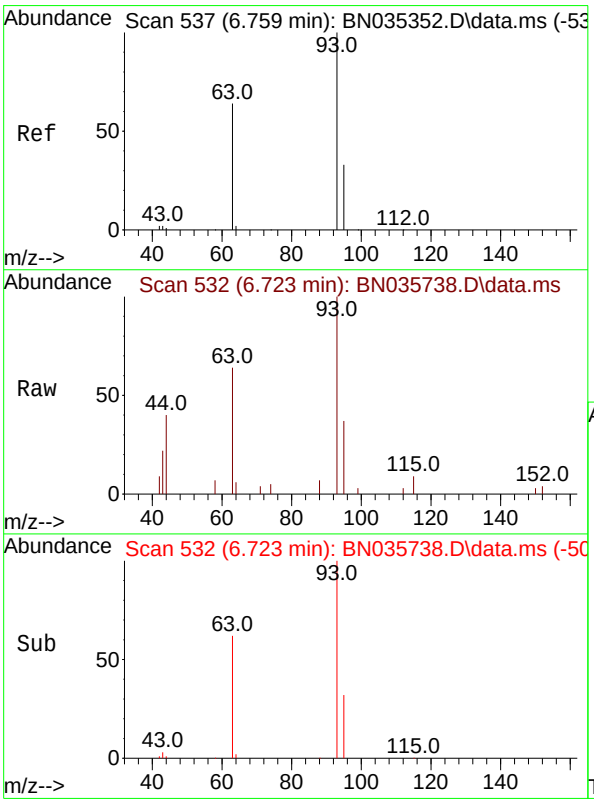
#5
Phenol-d6
Concen: 0.063 ng
RT: 6.484 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 622

Ion	Ratio	Lower	Upper
99	100		
42	16.7	11.4	17.2
71	40.8	29.3	43.9

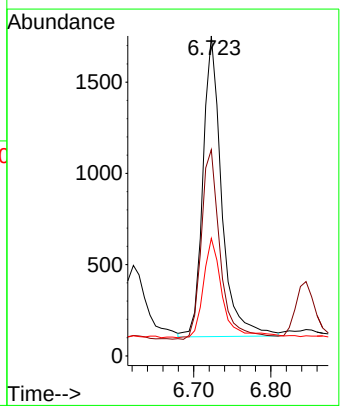


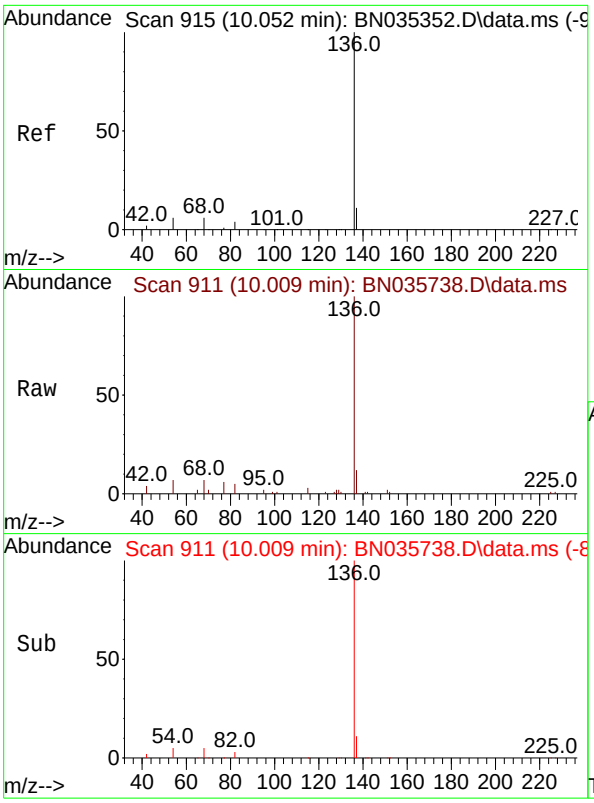


#6
bis(2-Chloroethyl)ether
Concen: 0.337 ng
RT: 6.723 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion: 93 Resp: 2782

Ion	Ratio	Lower	Upper
93	100		
63	63.8	50.4	75.6
95	33.9	25.7	38.5



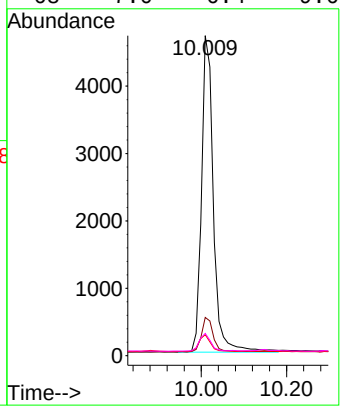


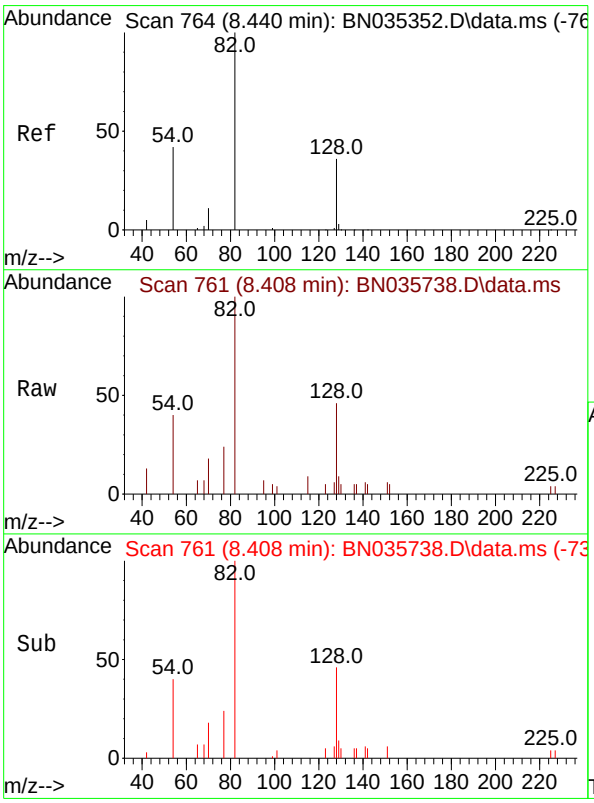
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 9048

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.2	15.2
54	6.5	6.1	9.1
68	7.0	6.4	9.6

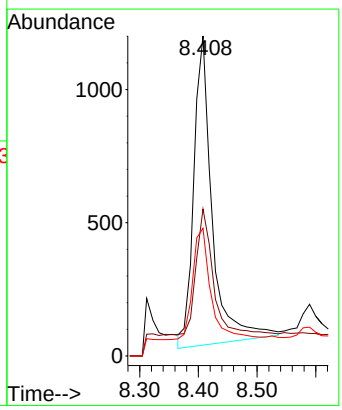


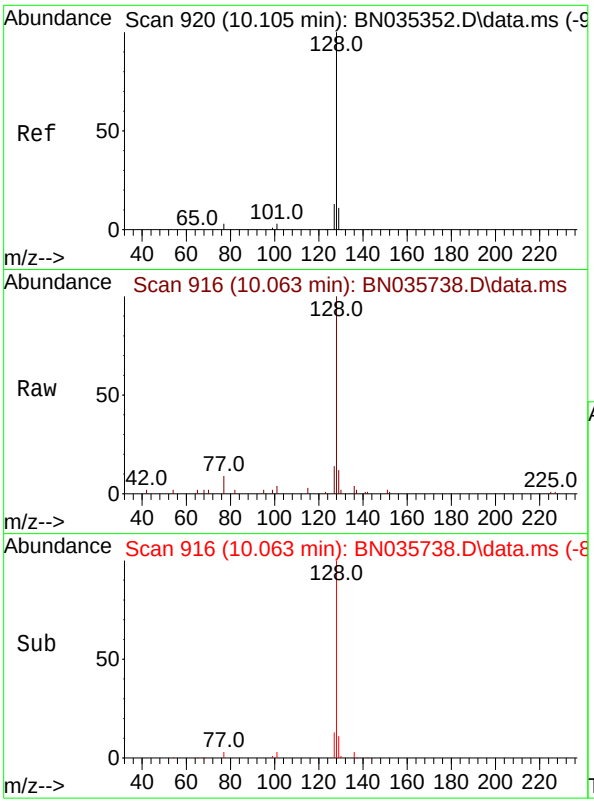


#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion: 82 Resp: 2545

Ion	Ratio	Lower	Upper
82	100		
128	45.9	33.4	50.0
54	39.9	36.7	55.1



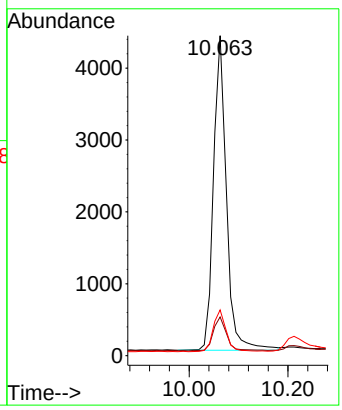


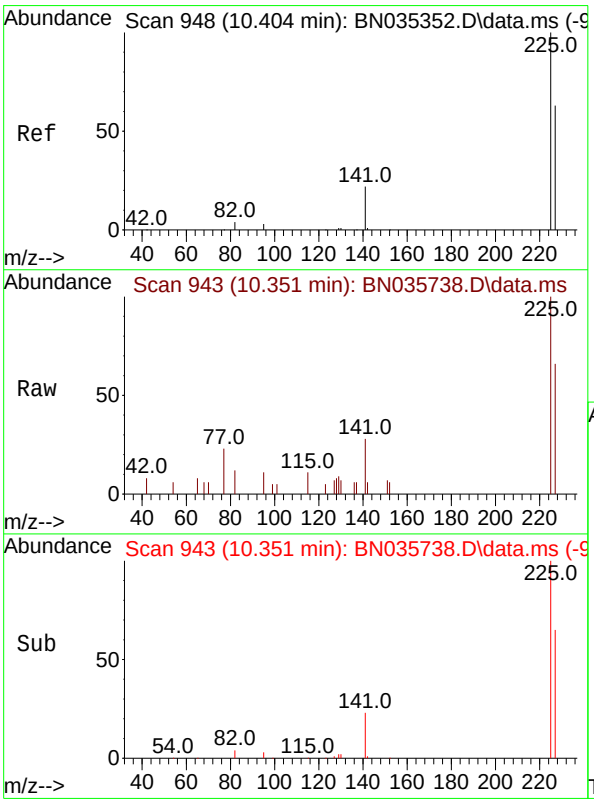
#9
Naphthalene
Concen: 0.333 ng
RT: 10.063 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 7939

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.3	11.4	17.2

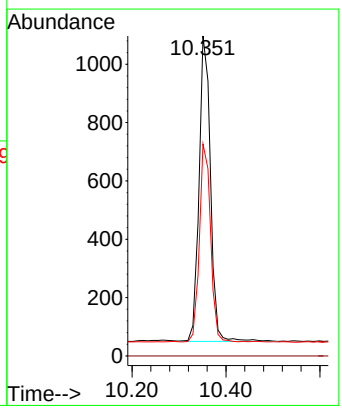


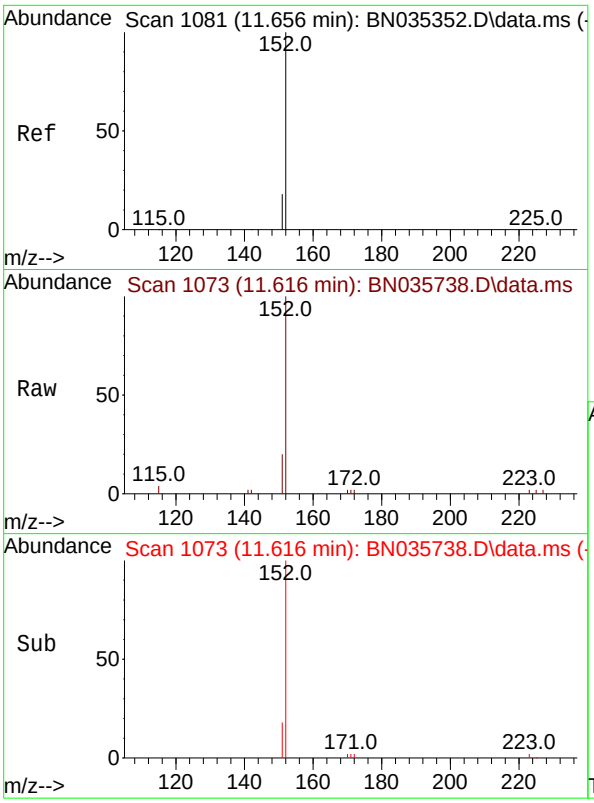


#10
Hexachlorobutadiene
Concen: 0.321 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:225 Resp: 1767

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.3	76.9



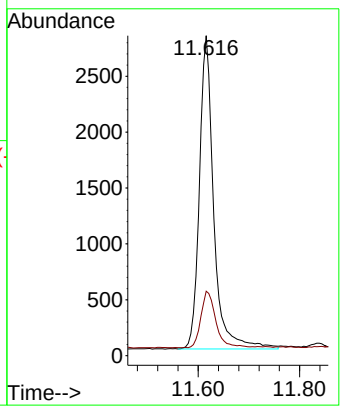


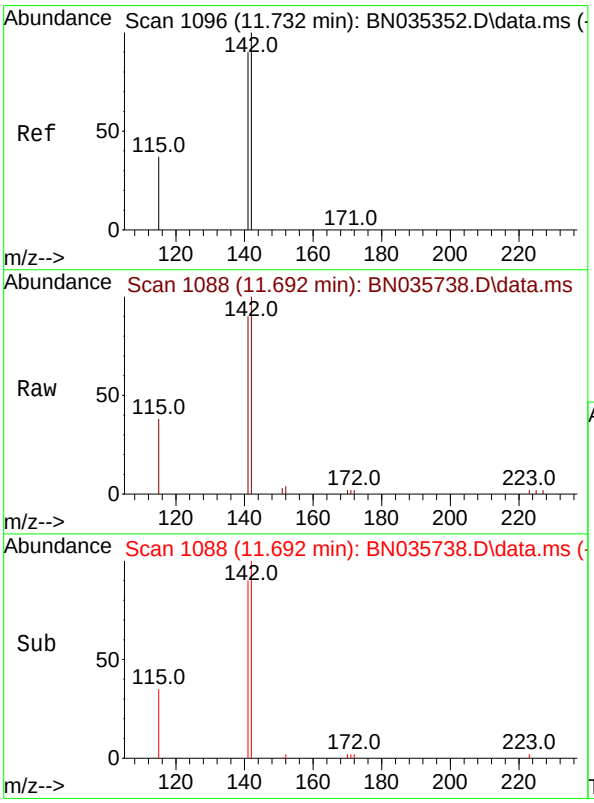
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.616 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5529

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.6	25.0

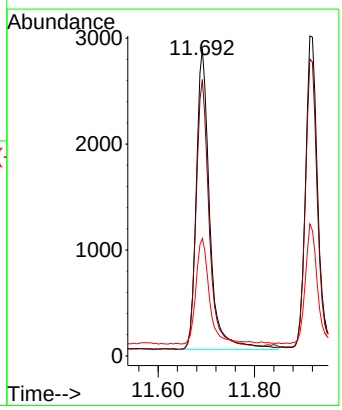


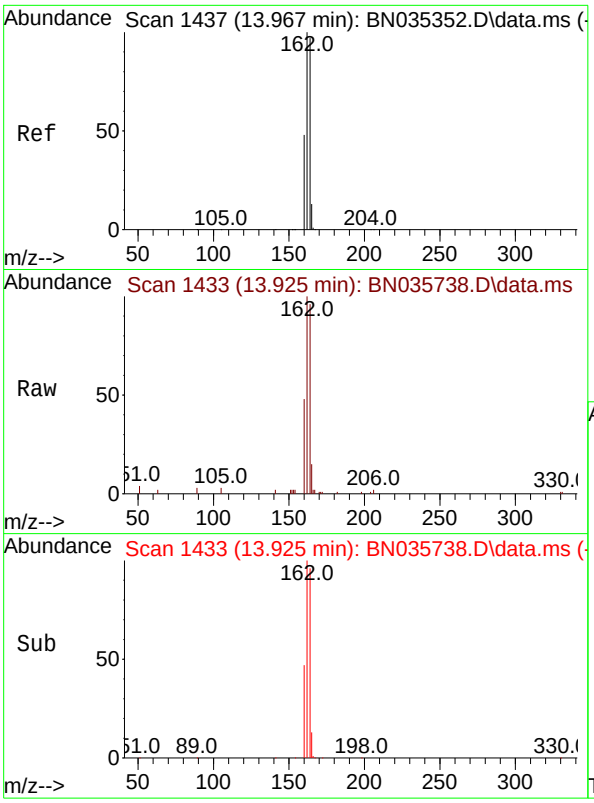


#12
2-Methylnaphthalene
Concen: 0.320 ng
RT: 11.692 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:142 Resp: 5459

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	38.2	31.4	47.0



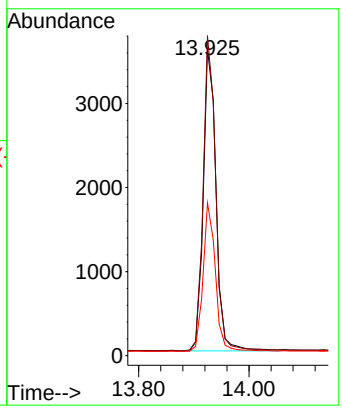


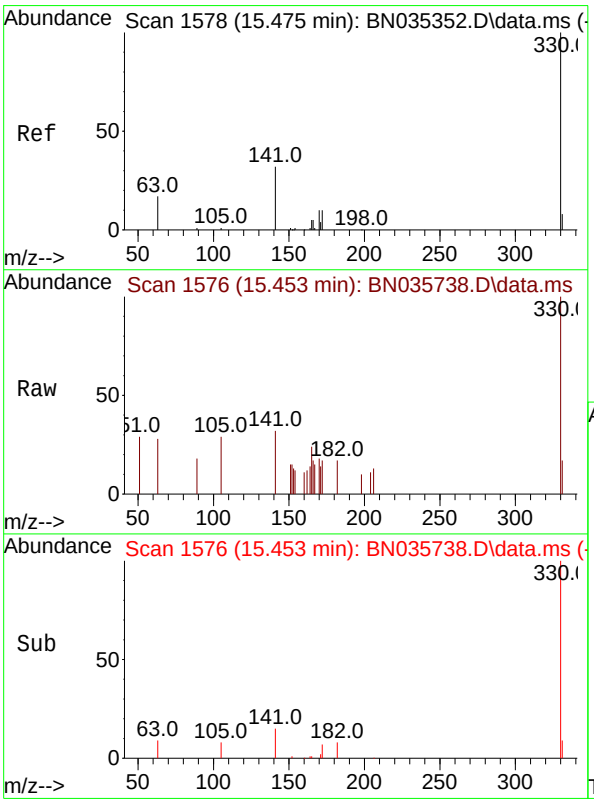
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5785

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	49.8	40.1	60.1

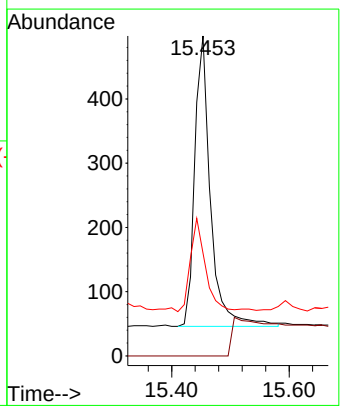


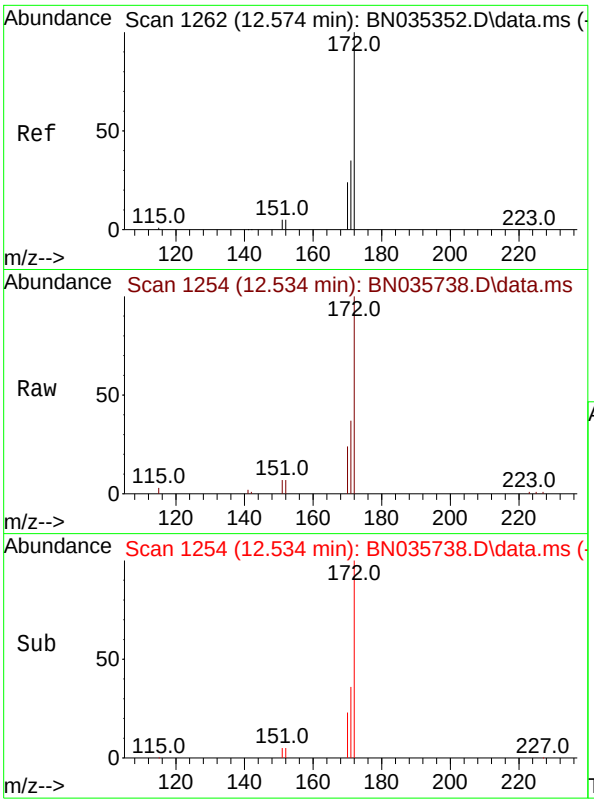


#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:330 Resp: 891

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.0	26.6	40.0



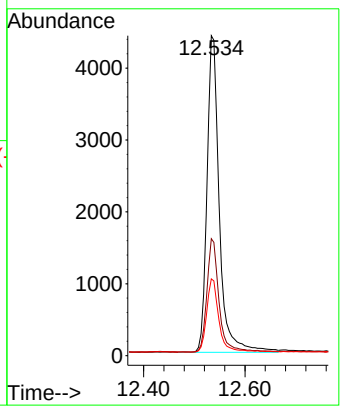


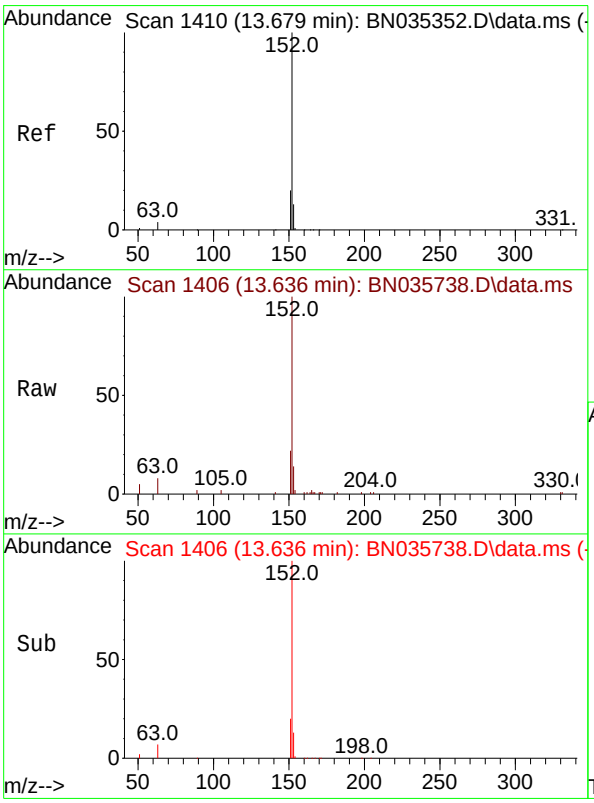
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.534 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 7466

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.0	19.8	29.8

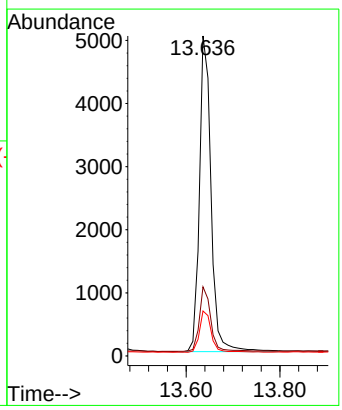


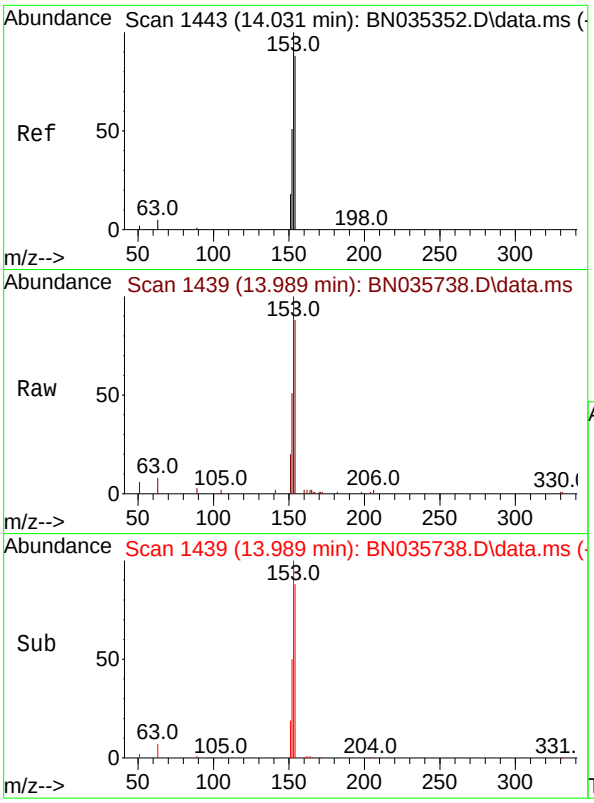


#16
Acenaphthylene
Concen: 0.354 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:152 Resp: 8595

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.5	10.4	15.6



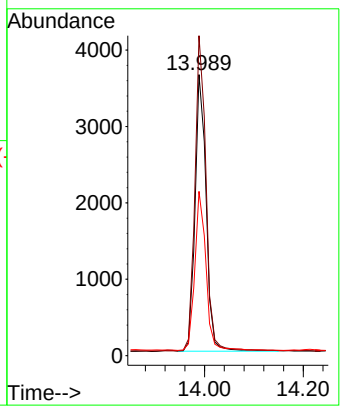


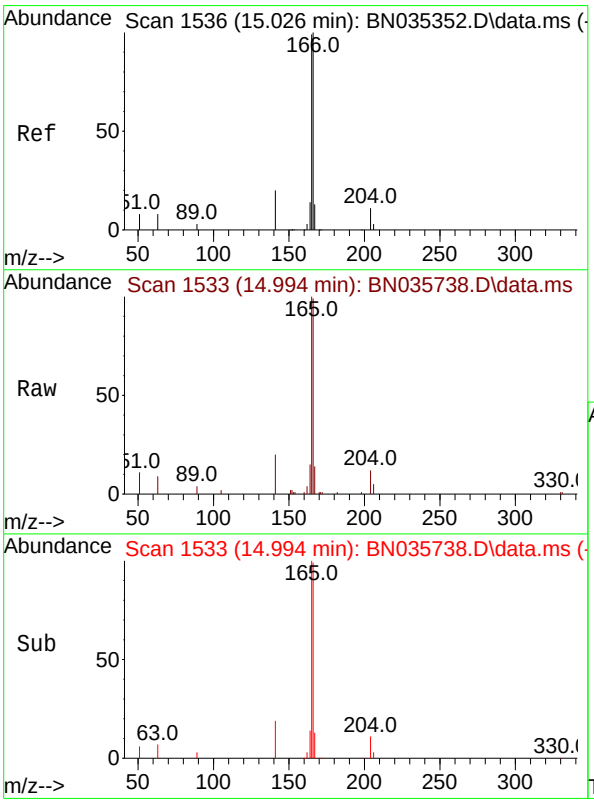
#17
Acenaphthene
Concen: 0.351 ng
RT: 13.989 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5666

Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.6	139.0
152	57.3	49.0	73.6

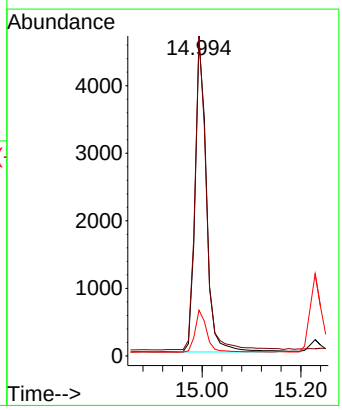


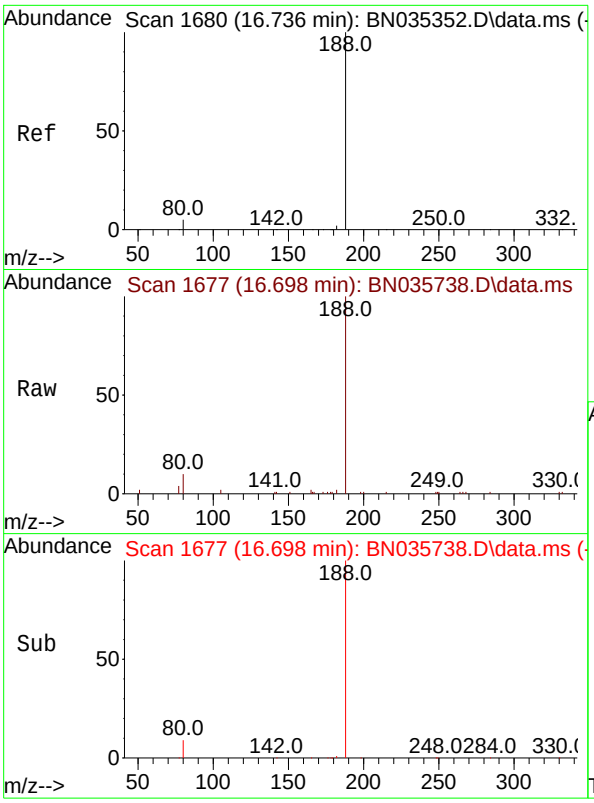


#18
Fluorene
Concen: 0.321 ng
RT: 14.994 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:166 Resp: 7419

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	13.7	10.8	16.2



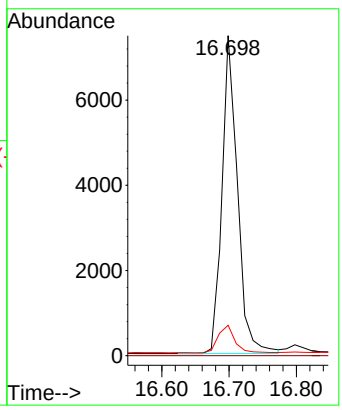


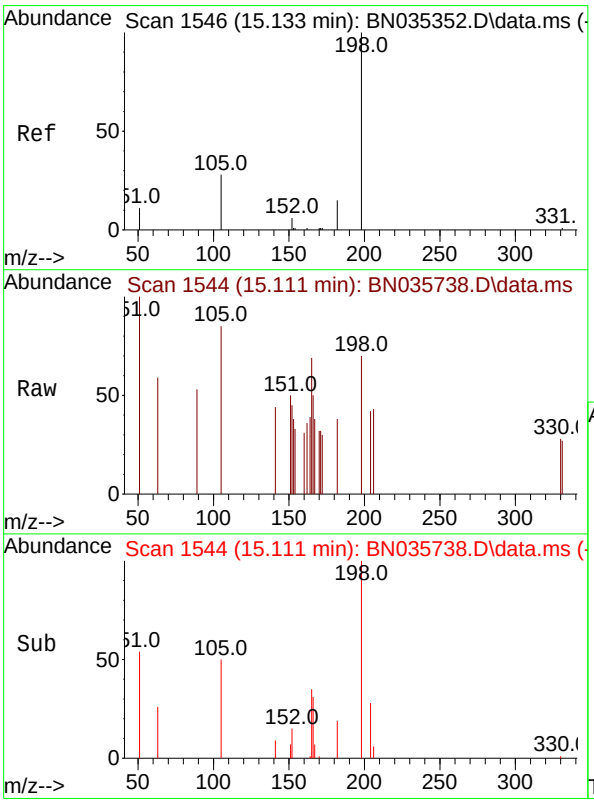
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 11929

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	4.6	6.8#

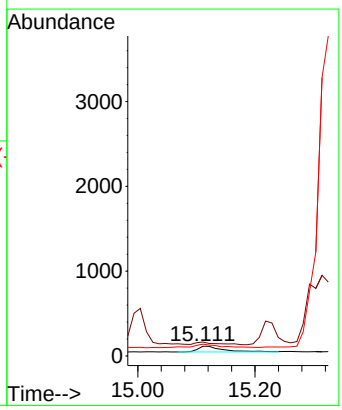


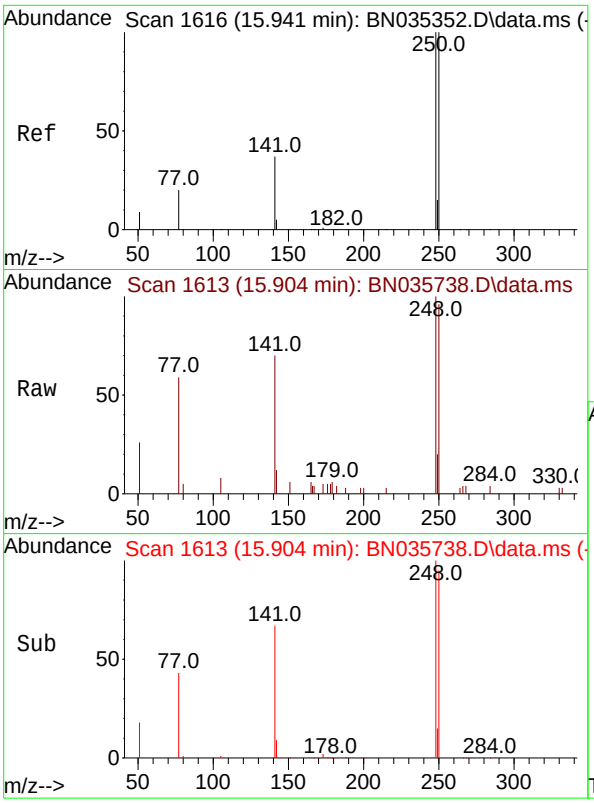


#20
4,6-Dinitro-2-methylphenol
Concen: 0.171 ng
RT: 15.111 min Scan# 1544
Delta R.T. -0.011 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:198 Resp: 201

Ion	Ratio	Lower	Upper
198	100		
51	142.2	46.5	69.7#
105	120.7	45.3	67.9#



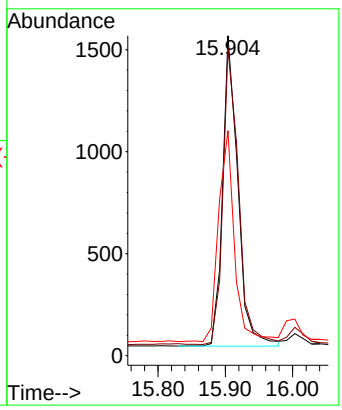


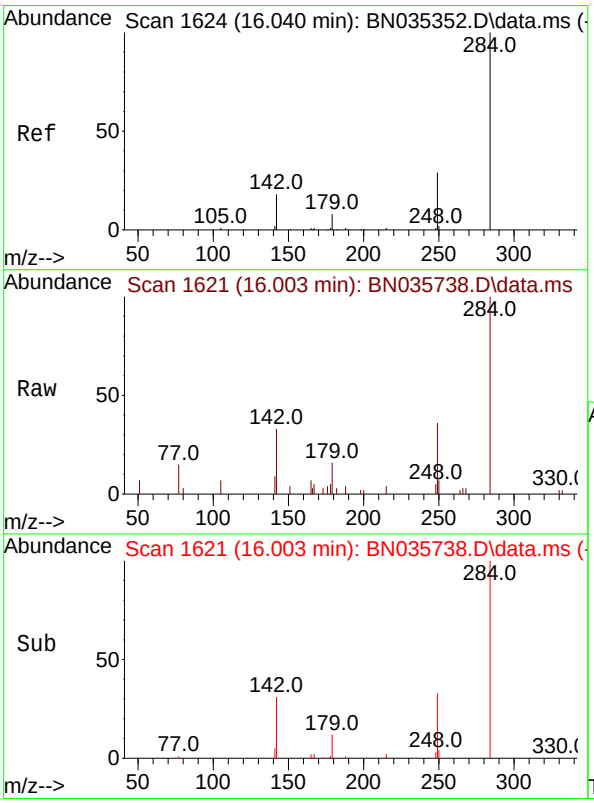
#21
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 15.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2391

Ion	Ratio	Lower	Upper
248	100		
250	95.9	80.6	120.8
141	70.3	31.5	47.3#

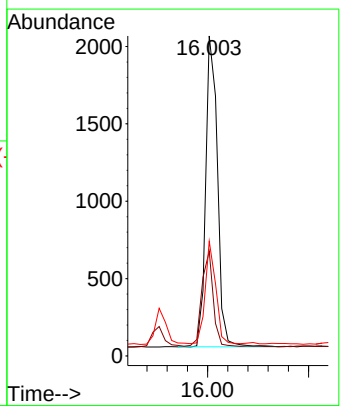


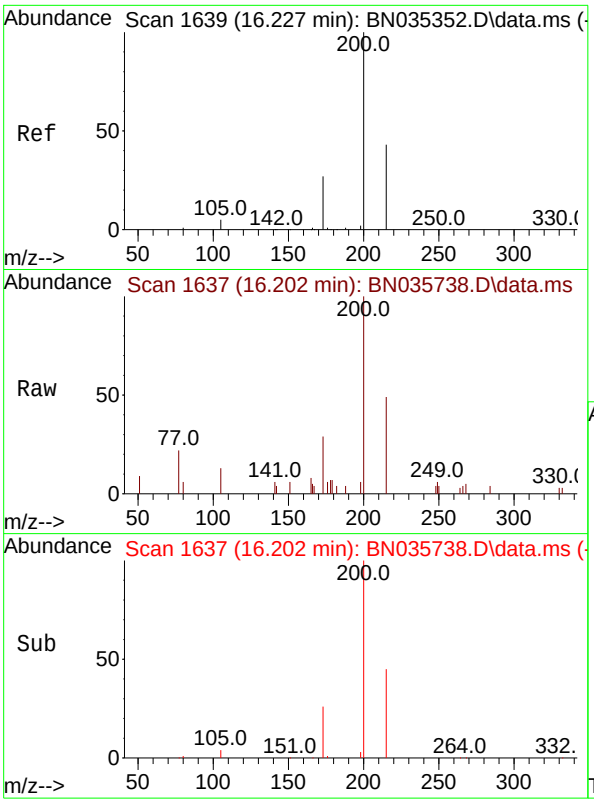


#22
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.003 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:284 Resp: 3241

Ion	Ratio	Lower	Upper
284	100		
142	29.7	26.7	40.1
249	29.7	24.6	36.8



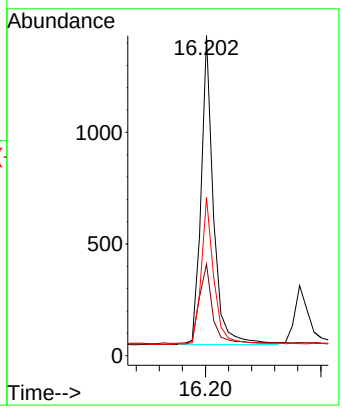


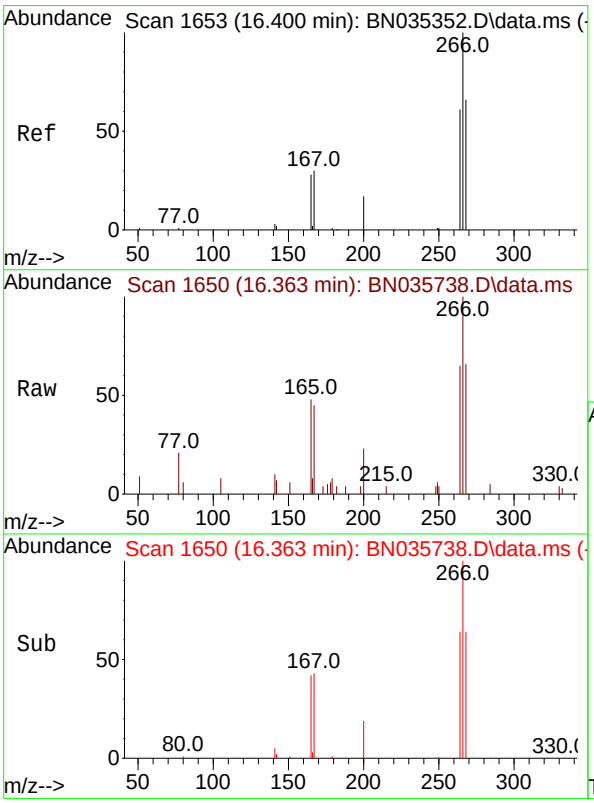
#23
Atrazine
Concen: 0.414 ng
RT: 16.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2057

Ion	Ratio	Lower	Upper
200	100		
173	28.6	24.1	36.1
215	49.4	36.9	55.3

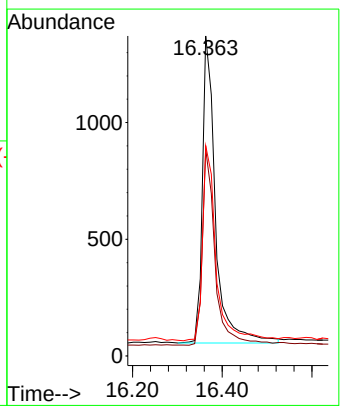


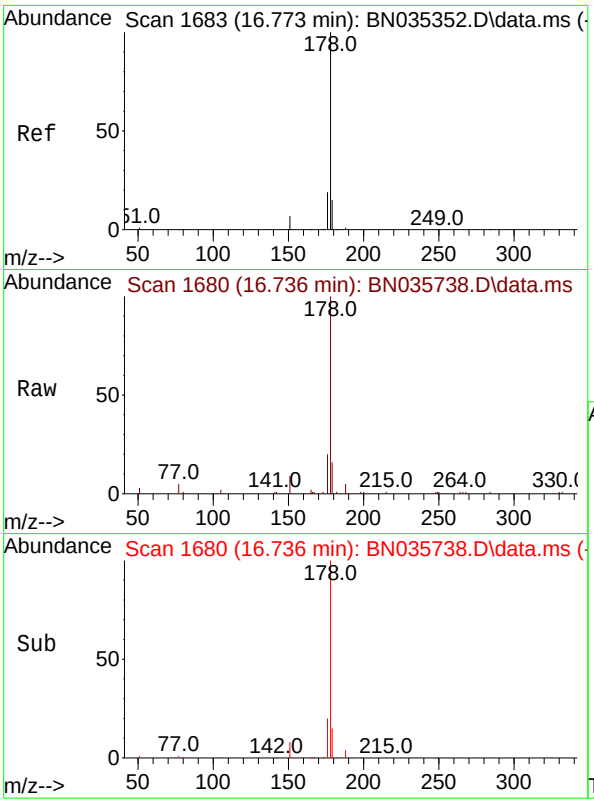


#24
Pentachlorophenol
Concen: 0.750 ng
RT: 16.363 min Scan# 1650
Delta R.T. -0.012 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:266 Resp: 2674

Ion	Ratio	Lower	Upper
266	100		
264	61.7	42.3	63.5
268	65.8	43.3	64.9#



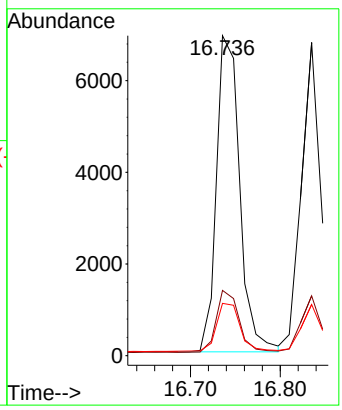


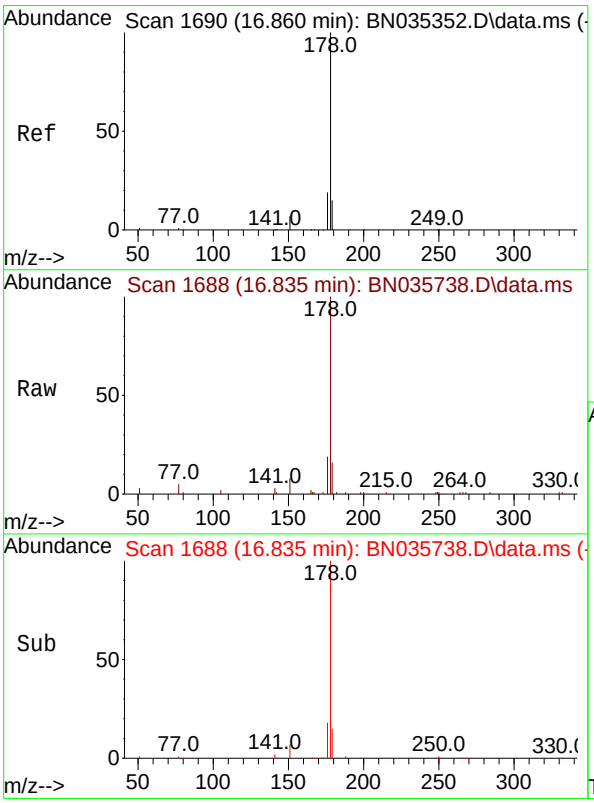
#25
Phenanthrene
Concen: 0.380 ng
RT: 16.736 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12435

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.3	18.5

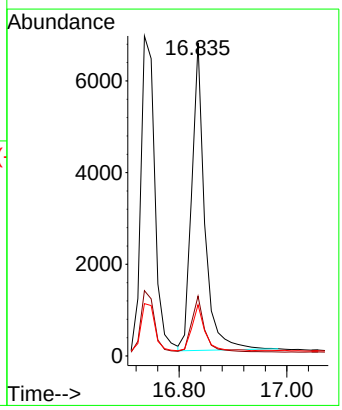


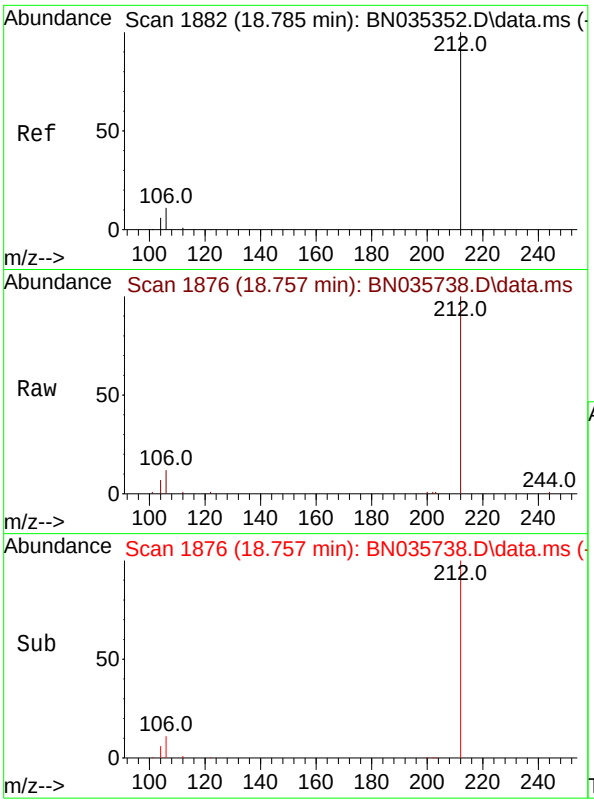


#26
Anthracene
Concen: 0.379 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:178 Resp: 11234

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	14.9	12.6	18.8



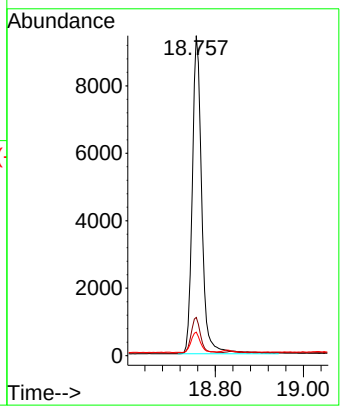


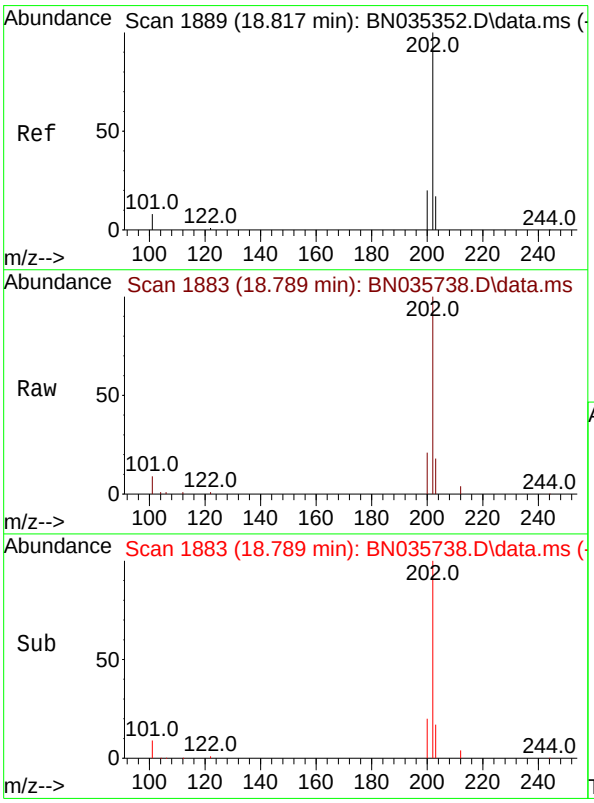
#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 18.757 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 14112

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.2	13.8
104	6.3	5.3	7.9

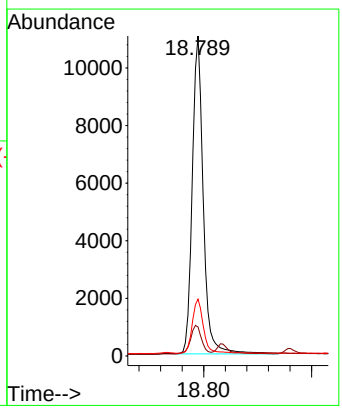


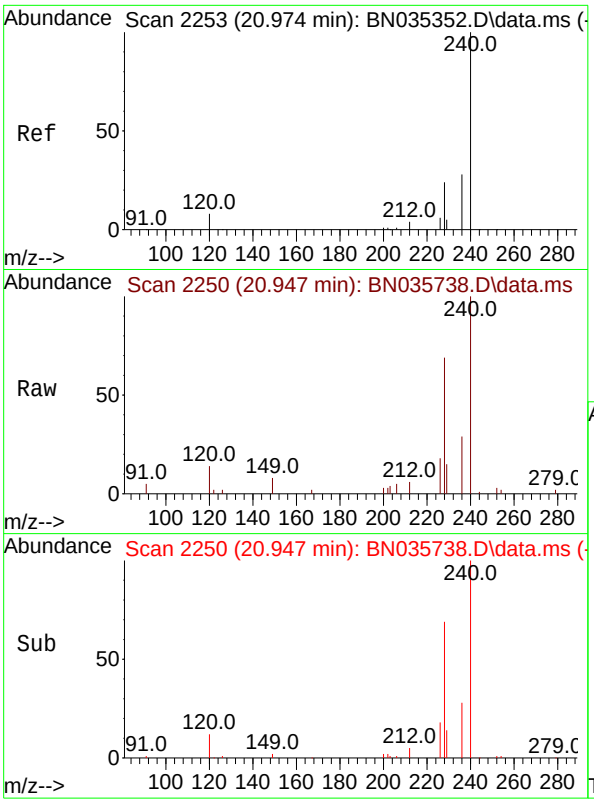


#28
Fluoranthene
Concen: 0.353 ng
RT: 18.789 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:202 Resp: 15609

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.4	11.0
203	17.1	13.7	20.5



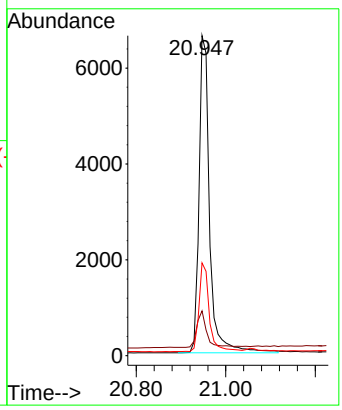


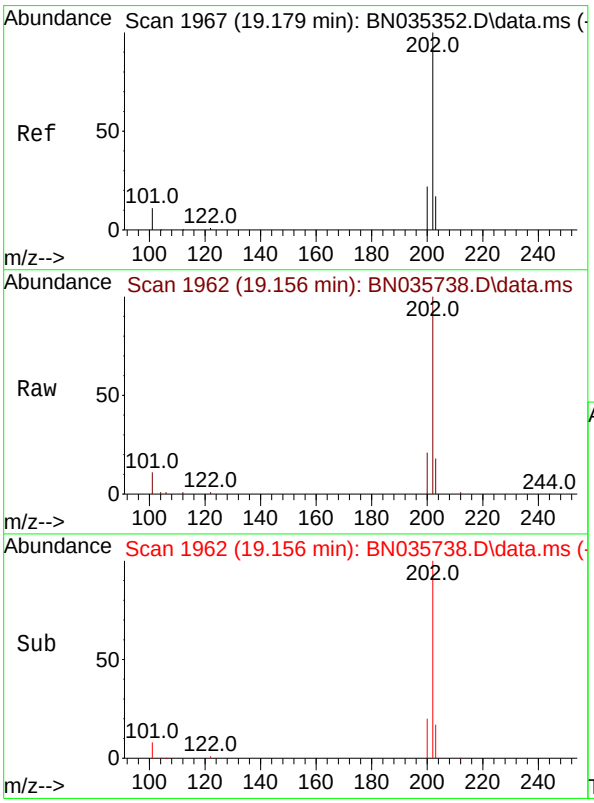
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 10838

Ion	Ratio	Lower	Upper
240	100		
120	14.0	7.9	11.9#
236	29.0	22.9	34.3

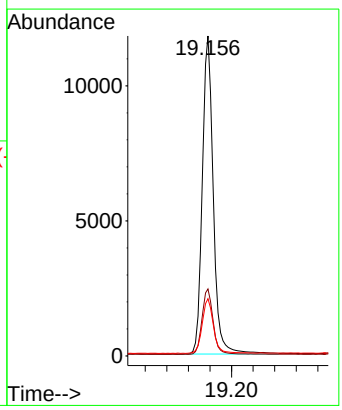


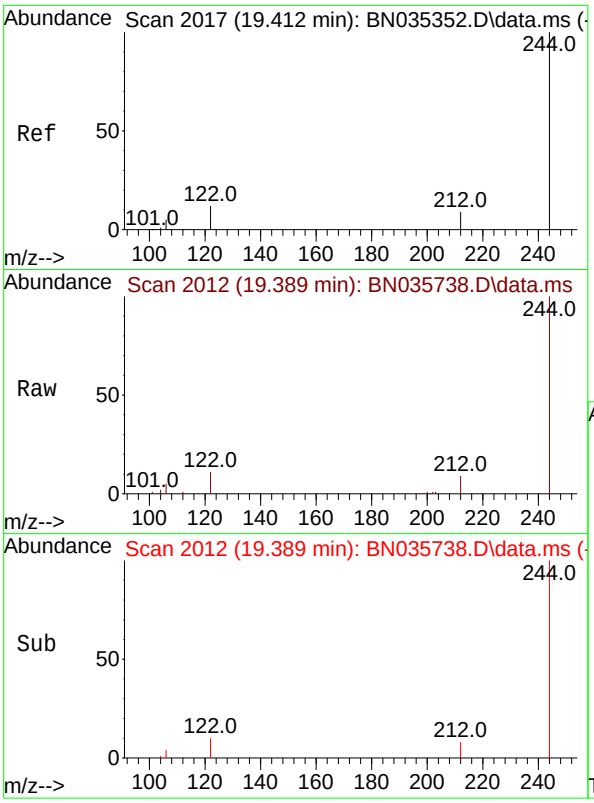


#30
Pyrene
Concen: 0.416 ng
RT: 19.156 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:202 Resp: 16643

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.6	14.3	21.5



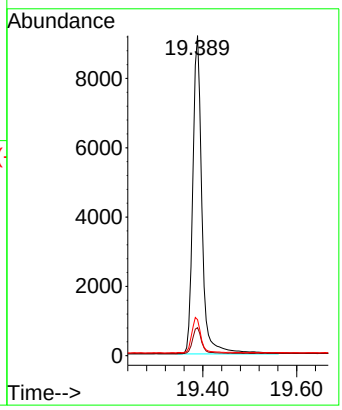


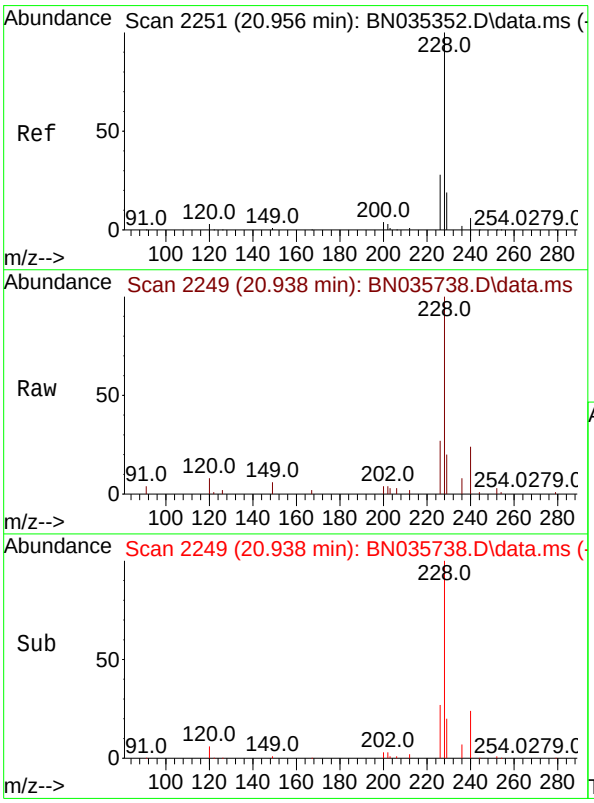
#31
Terphenyl-d14
Concen: 0.588 ng
RT: 19.389 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 12561

Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.1	12.1
122	11.3	10.3	15.5

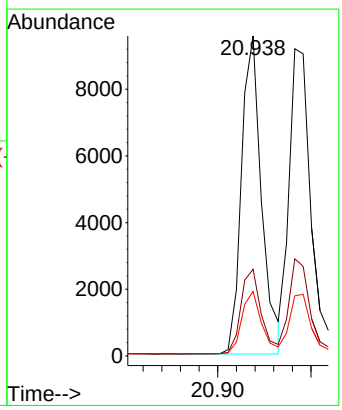


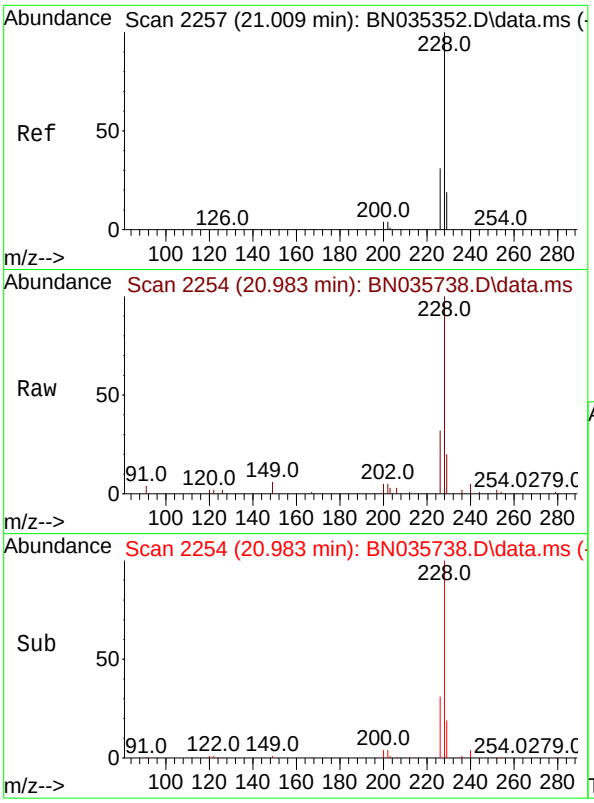


#32
Benzo(a)anthracene
Concen: 0.376 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:228 Resp: 14262

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.5	33.7
229	20.1	15.8	23.8



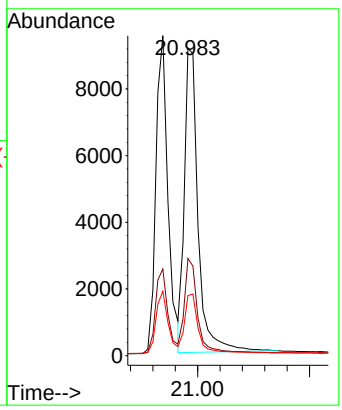


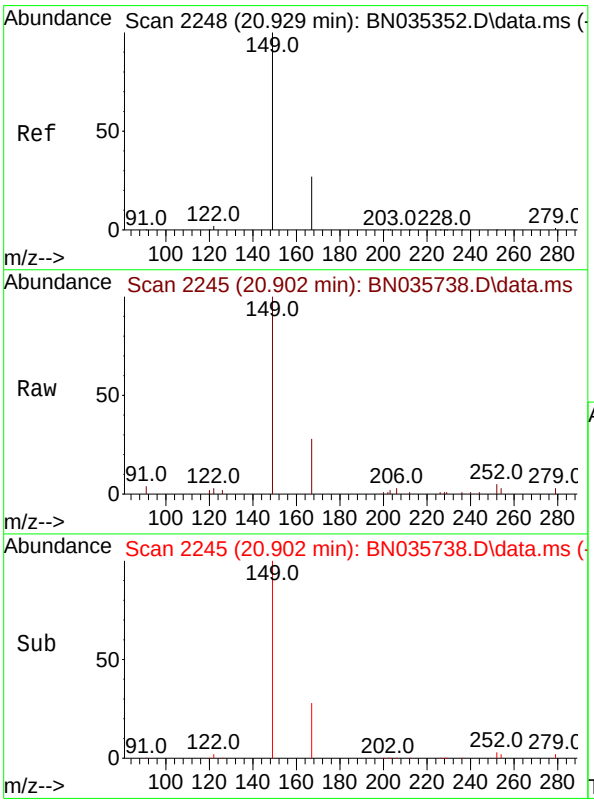
#33
Chrysene
Concen: 0.397 ng
RT: 20.983 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 15526

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	19.6	15.9	23.9

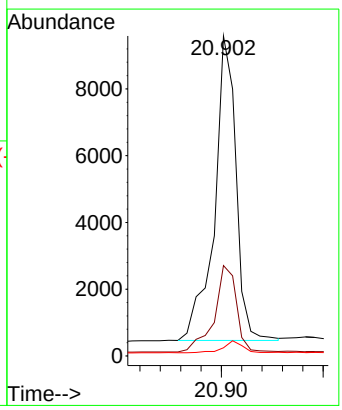


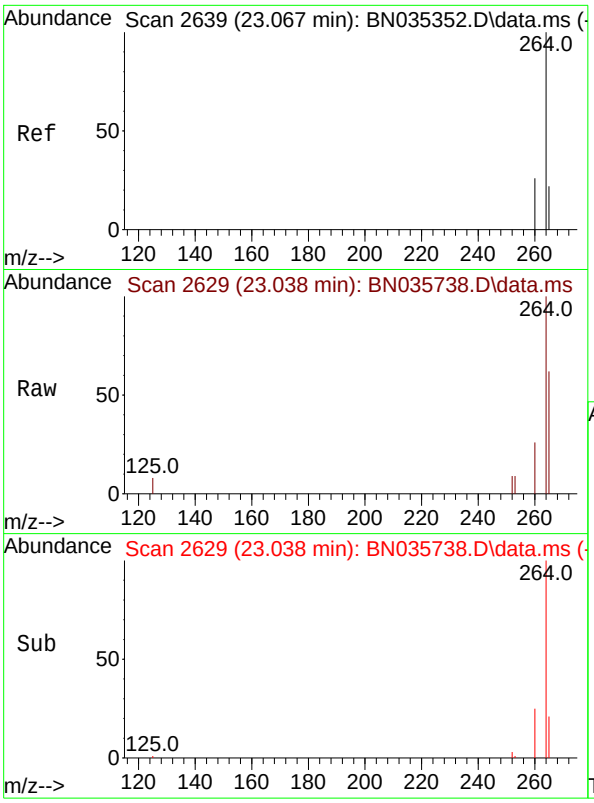


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.895 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:149 Resp: 13398

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.2	33.4
279	3.5	2.7	4.1



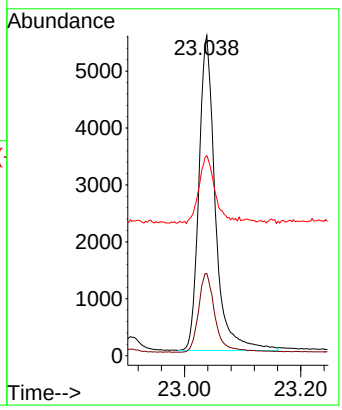


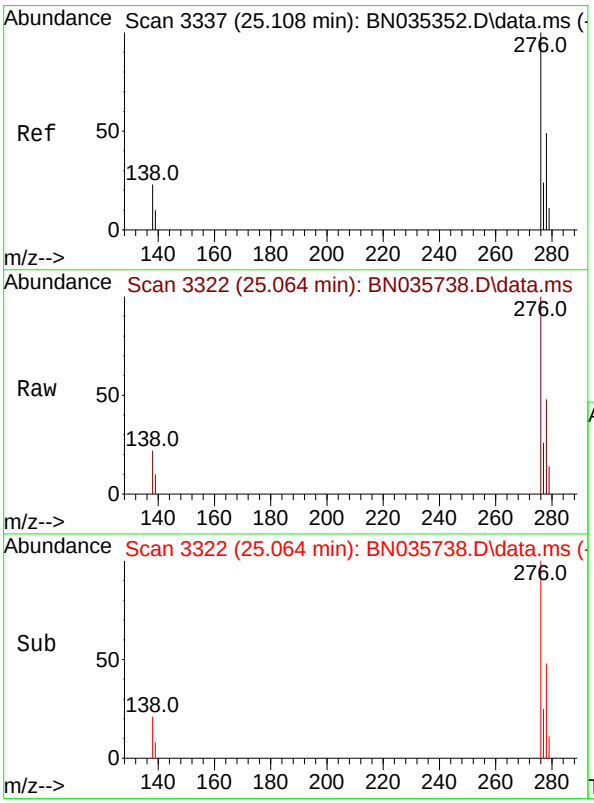
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.038 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 10844

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.4	32.2
265	62.5	40.2	60.4#

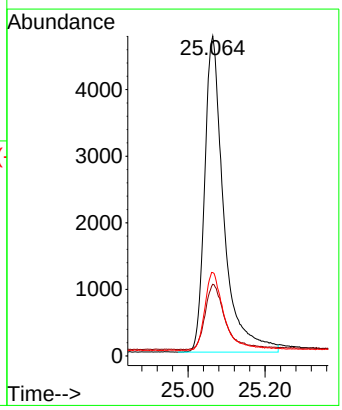


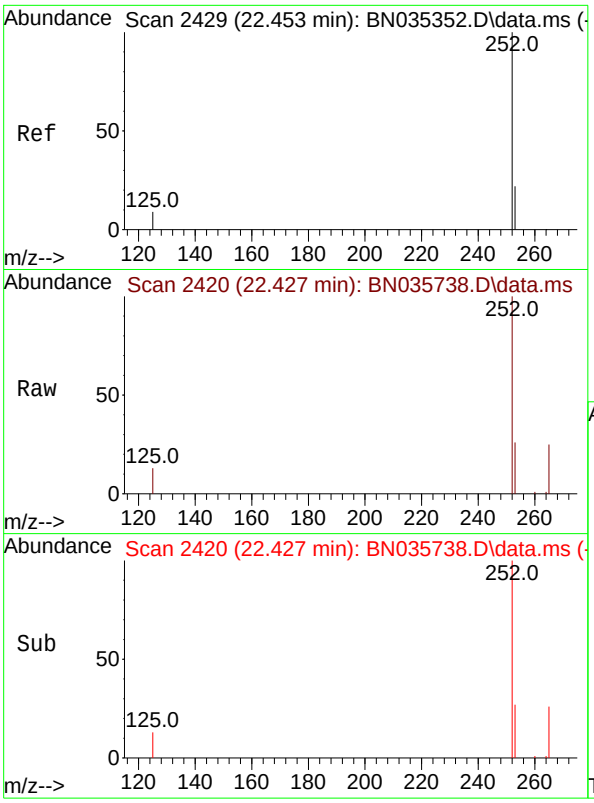


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 25.064 min Scan# 3322
Delta R.T. -0.003 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:276 Resp: 16365

Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.4	29.0
277	24.5	19.8	29.6



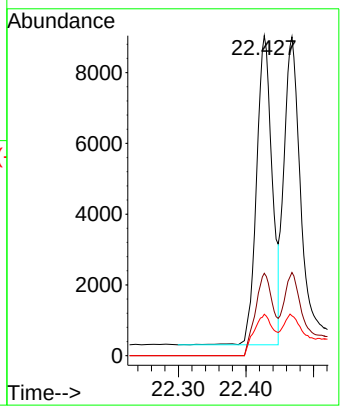


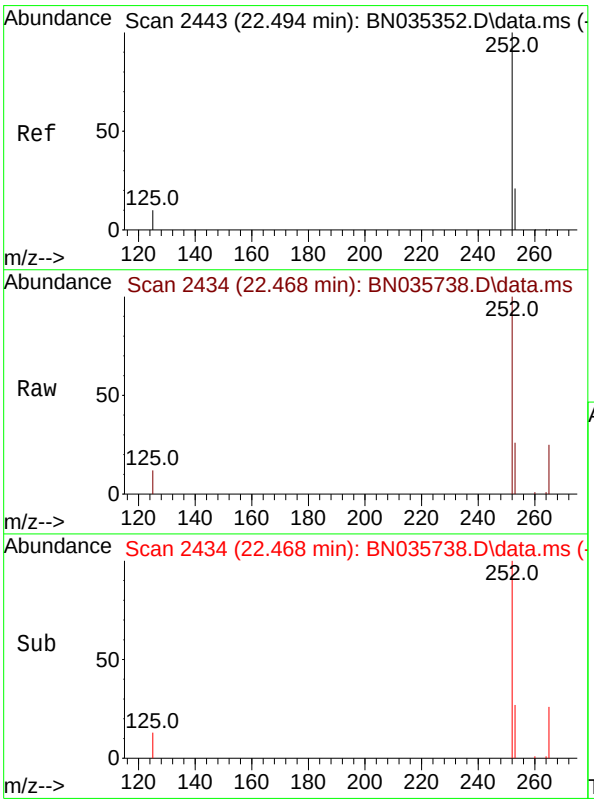
#37
Benzo(b)fluoranthene
Concen: 0.670 ng
RT: 22.427 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 26576

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.6	29.4
125	13.0	9.6	14.4

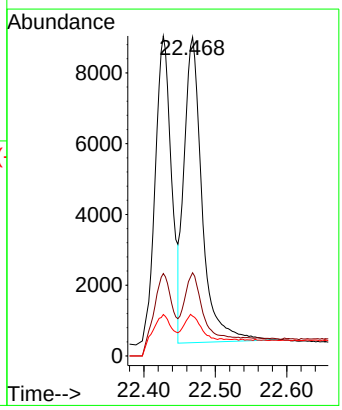


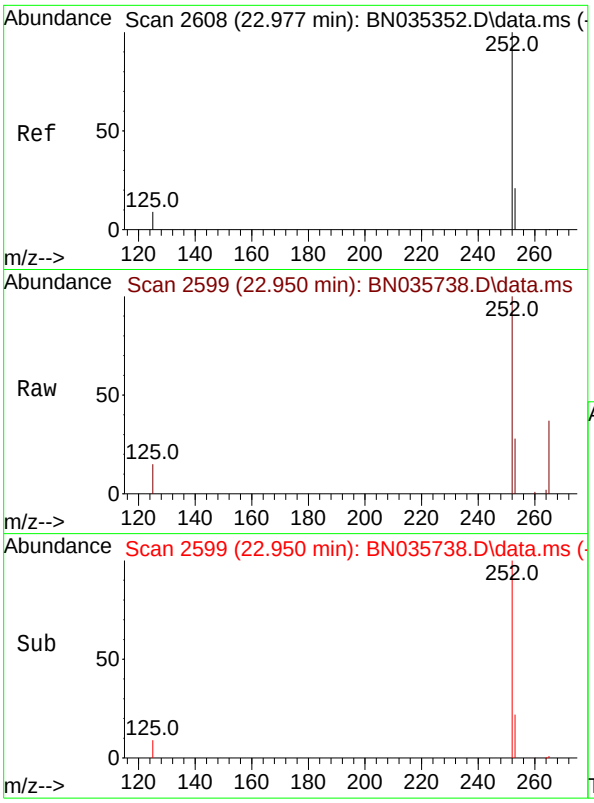


#38
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 22.468 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:252 Resp: 15174

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.5	29.3
125	12.5	10.2	15.4



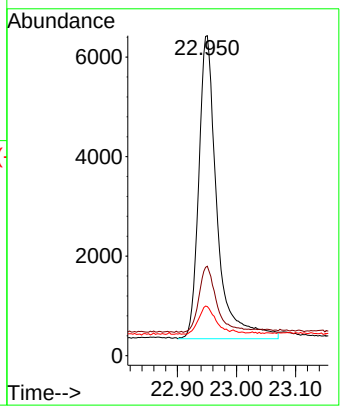


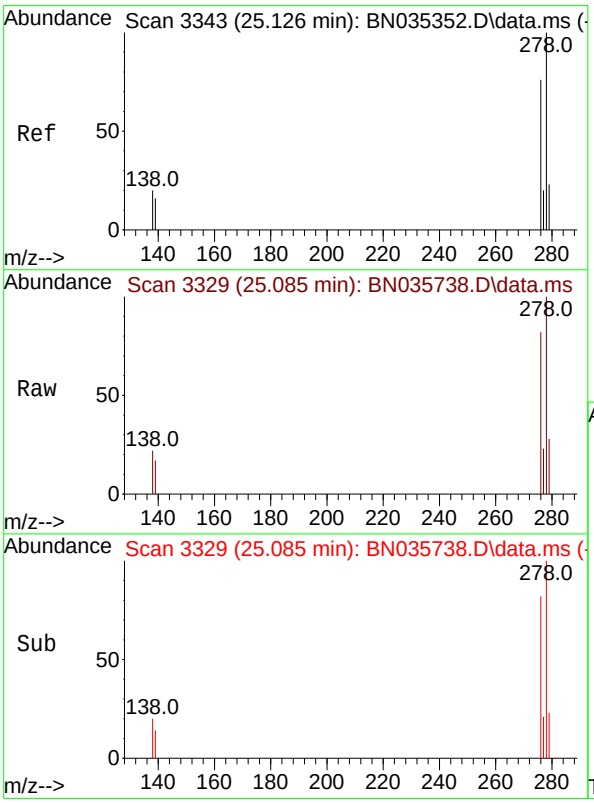
#39
Benzo(a)pyrene
Concen: 0.399 ng
RT: 22.950 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13047

Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.2	30.4
125	15.4	10.9	16.3

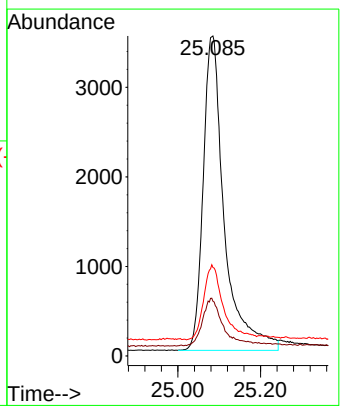


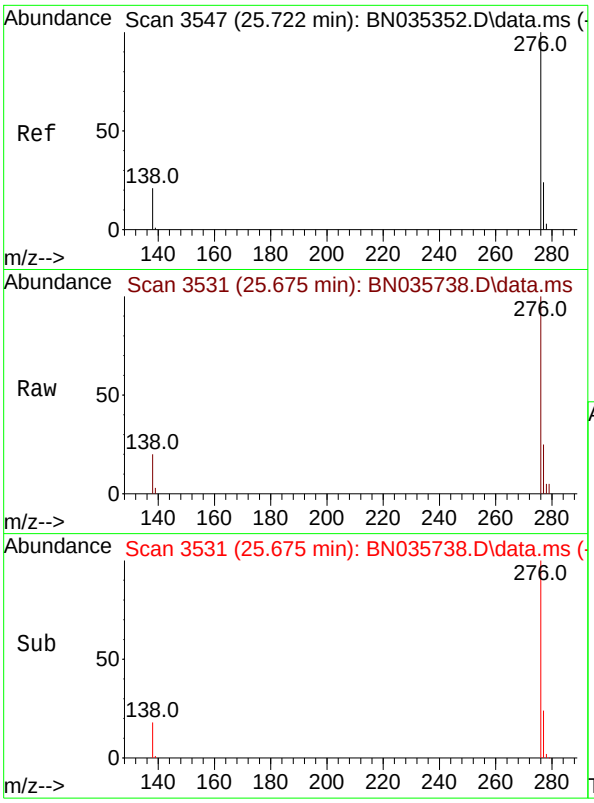


#40
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 25.085 min Scan# 3329
Delta R.T. 0.003 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Tgt Ion:278 Resp: 12476

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.2	21.4
279	27.6	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 25.675 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035738.D
Acq: 20 Dec 2024 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13349

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.9	29.9
138	20.4	17.8	26.8