Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034550.D
Acq On : 11 Oct 2024 10:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 126 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 10:59:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.366	152	5197	0.400	ng		0.00
7) Naphthalene-d8	10.127	136	14347	0.400	ng	#	0.00
13) Acenaphthene-d10	14.015	164	8212	0.400	ng		0.00
19) Phenanthrene-d10	16.778	188	16067	0.400	ng	#	0.00
29) Chrysene-d12	21.006	240	9377	0.400	ng		0.00
35) Perylene-d12	23.114	264	12183	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.011	112	5121	0.347	ng		0.00
5) Phenol-d6	6.571	99	6320	0.368	ng		0.00
8) Nitrobenzene-d5	8.515	82	3302	0.301	ng		0.00
11) 2-Methylnaphthalene-d10	11.727	152	7399	0.349	ng		0.00
14) 2,4,6-Tribromophenol	15.537	330	1180	0.317	ng		0.00
15) 2-Fluorobiphenyl	12.636	172	10743	0.322	ng		0.00
27) Fluoranthene-d10	18.827	212	14557	0.359	ng		0.00
31) Terphenyl-d14	19.450	244	8911	0.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	2393	0.368	ng		97
3) n-Nitrosodimethylamine	3.328	42	2244	0.303	ng	#	93
6) bis(2-Chloroethyl)ether	6.817	93	4517	0.298	ng		97
9) Naphthalene	10.169	128	14178	0.360	ng		100
10) Hexachlorobutadiene	10.458	225	3327	0.448	ng	#	99
12) 2-Methylnaphthalene	11.807	142	8975	0.350	ng		99
16) Acenaphthylene	13.737	152	11798	0.336	ng		100
17) Acenaphthene	14.079	154	9008	0.357	ng		99
18) Fluorene	15.084	166	11382	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	16.282	198	77	0.164	ng	#	1
21) 4-Bromophenyl-phenylether	15.984	248	3319	0.367	ng	#	76
22) Hexachlorobenzene	16.083	284	4834	0.477	ng	#	89
23) Atrazine	16.282	200	2348	0.314	ng	#	95
24) Pentachlorophenol	16.455	266	1089	0.325	ng		98
25) Phenanthrene	16.828	178	16993	0.368	ng		99
26) Anthracene	16.915	178	12940	0.344	ng		99
28) Fluoranthene	18.860	202	19413	0.363	ng		98
30) Pyrene	19.222	202	19993	0.505	ng		100
32) Benzo(a)anthracene	21.042	228	18468	0.623	ng		97
33) Chrysene	21.042	228	20885	0.590	ng		99
36) Indeno(1,2,3-cd)pyrene	25.169	276	19289	0.369	ng		95
37) Benzo(b)fluoranthene	22.494	252	16438	0.344	ng		97
38) Benzo(k)fluoranthene	22.535	252	19399	0.387	ng	#	95
39) Benzo(a)pyrene	23.023	252	14174	0.364	ng		97
40) Dibenzo(a,h)anthracene	25.189	278	14770	0.364	ng		97
41) Benzo(g,h,i)perylene	25.792	276	18230	0.400	ng		95

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

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Data File : BN034550.D
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 126 Sample Multiplier: 1

Instrument :
BNA_N
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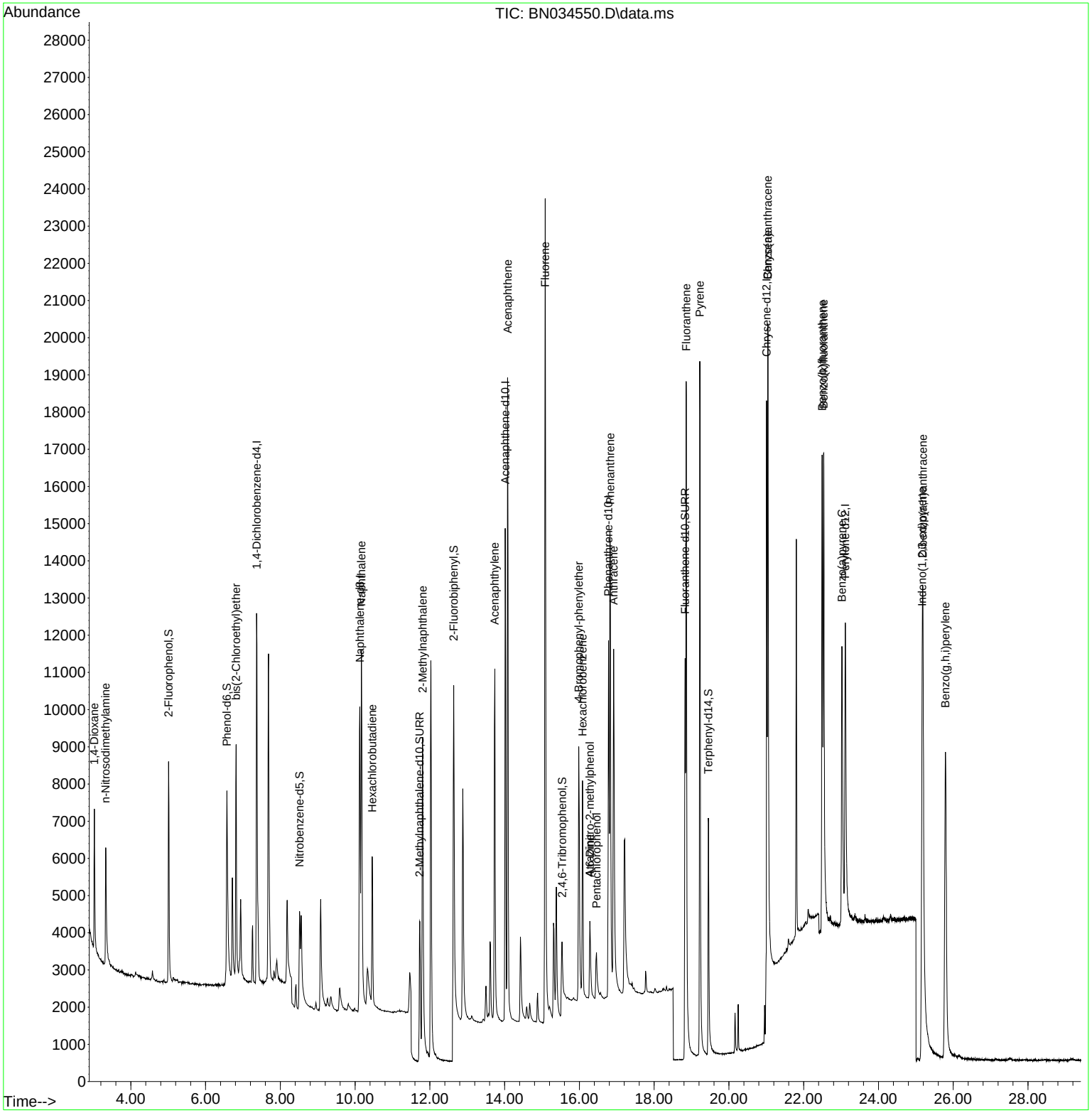
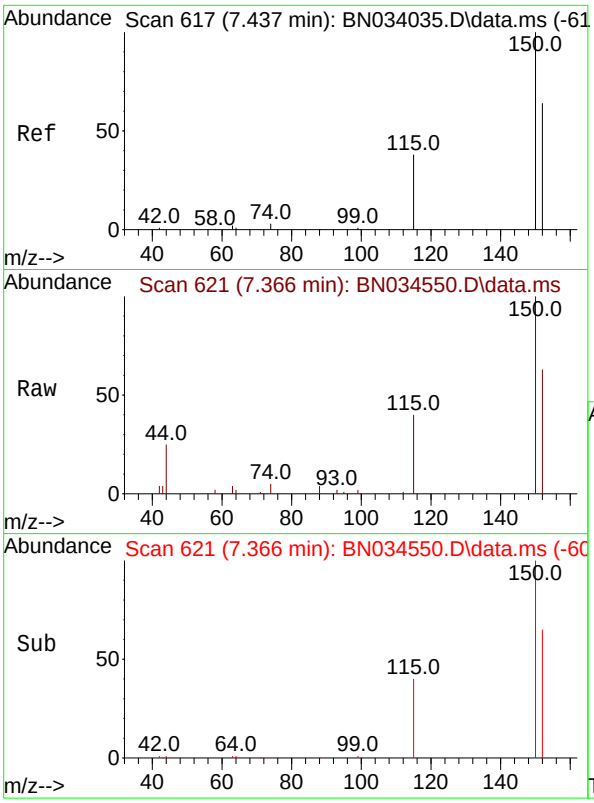
Quant Time: Oct 11 10:59:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



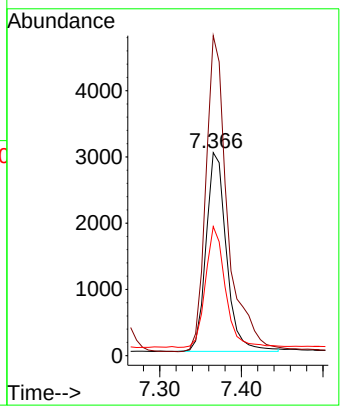


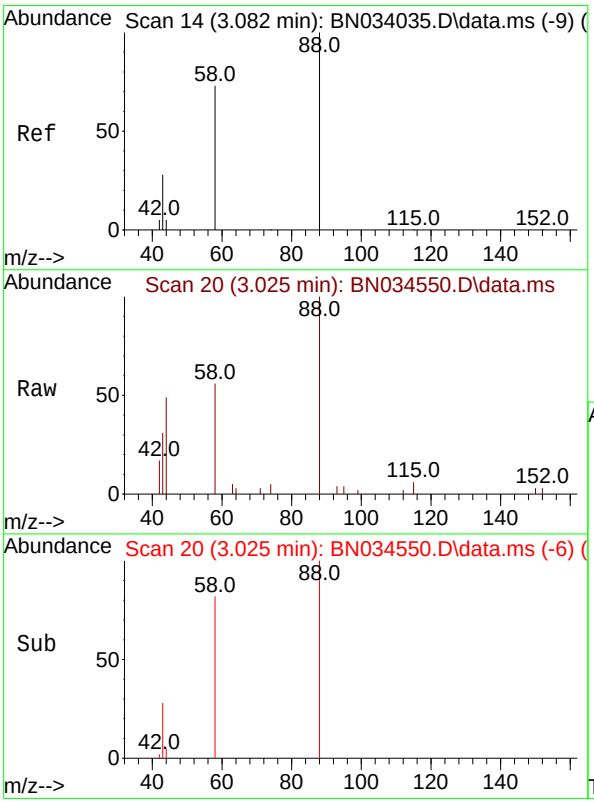
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5197

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	187.0
115	63.6	50.0	75.0

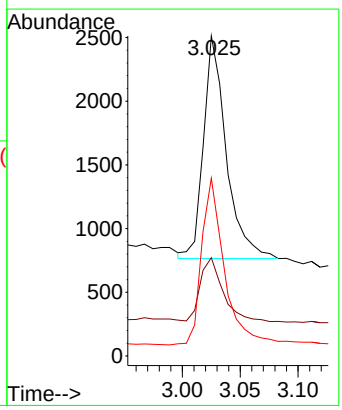


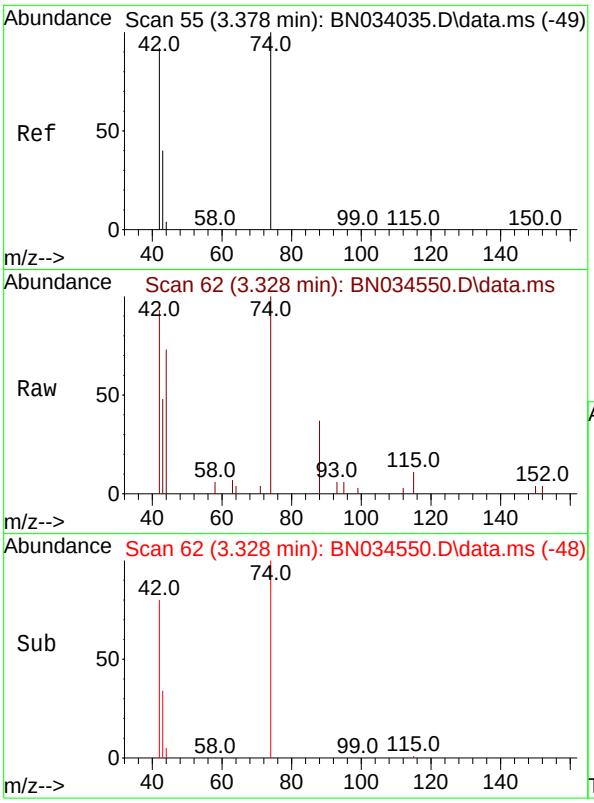


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion: 88 Resp: 2393

Ion	Ratio	Lower	Upper
88	100		
43	29.4	25.8	38.8
58	74.9	58.8	88.2



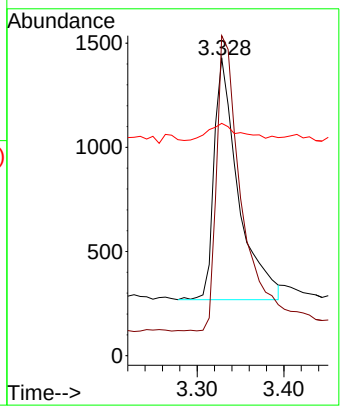


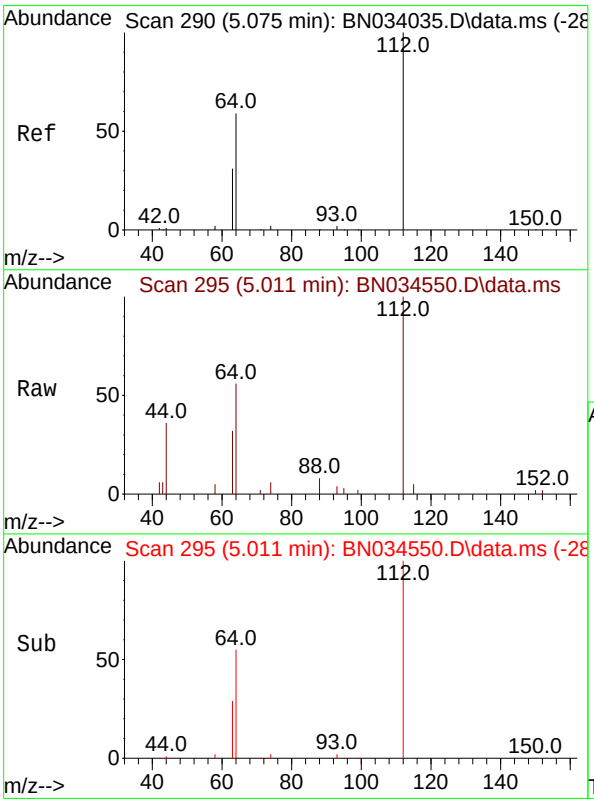
#3
n-Nitrosodimethylamine
Concen: 0.303 ng
RT: 3.328 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2244

Ion	Ratio	Lower	Upper
42	100		
74	126.0	94.6	142.0
44	10.9	12.4	18.6#

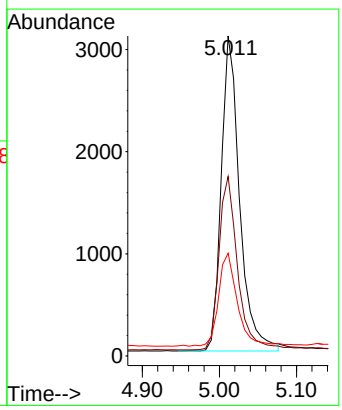


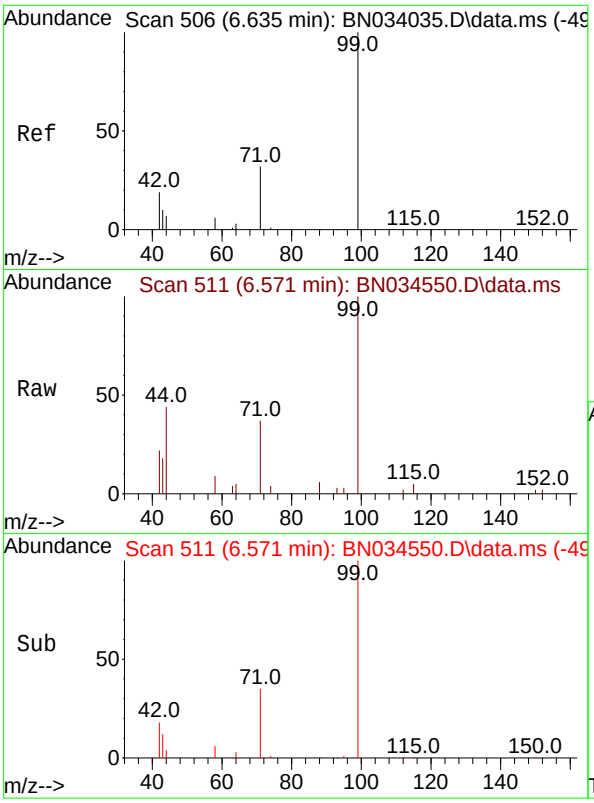


#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:112 Resp: 5121

Ion	Ratio	Lower	Upper
112	100		
64	55.6	48.6	72.8
63	29.8	25.6	38.4



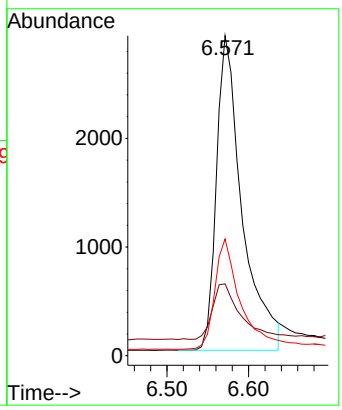


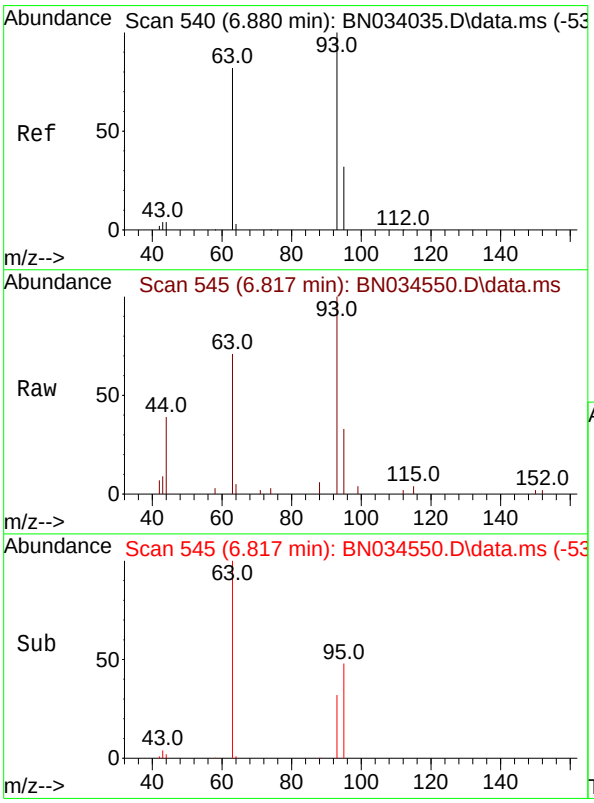
#5
Phenol-d6
Concen: 0.368 ng
RT: 6.571 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6320

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.8
71	34.6	26.2	39.2

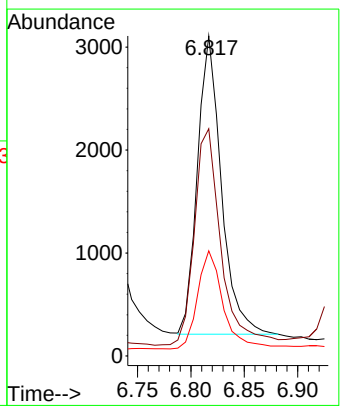


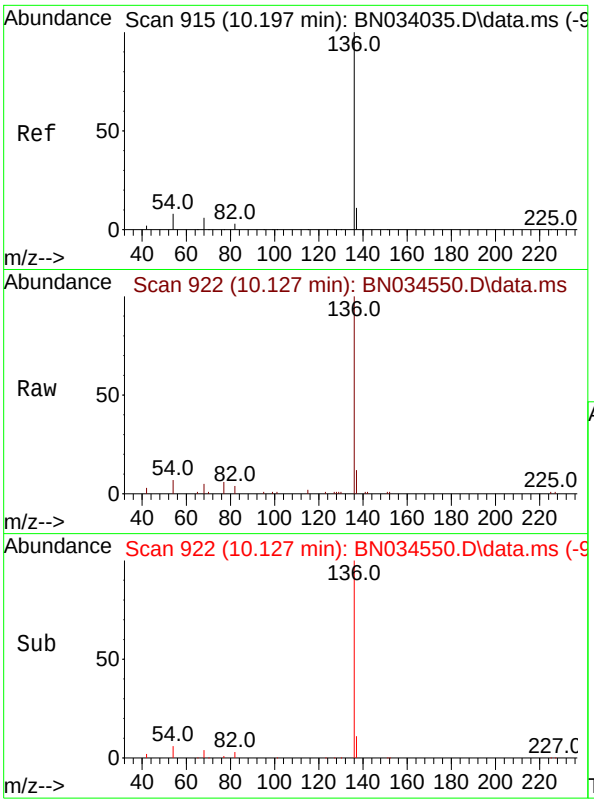


#6
bis(2-Chloroethyl)ether
Concen: 0.298 ng
RT: 6.817 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion: 93 Resp: 4517

Ion	Ratio	Lower	Upper
93	100		
63	80.9	67.3	100.9
95	34.8	26.8	40.2



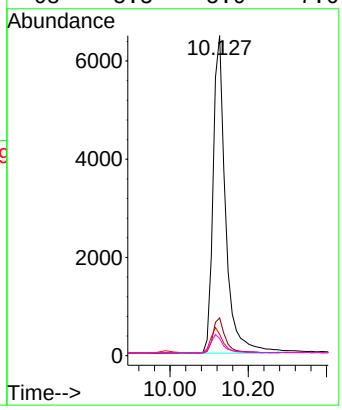


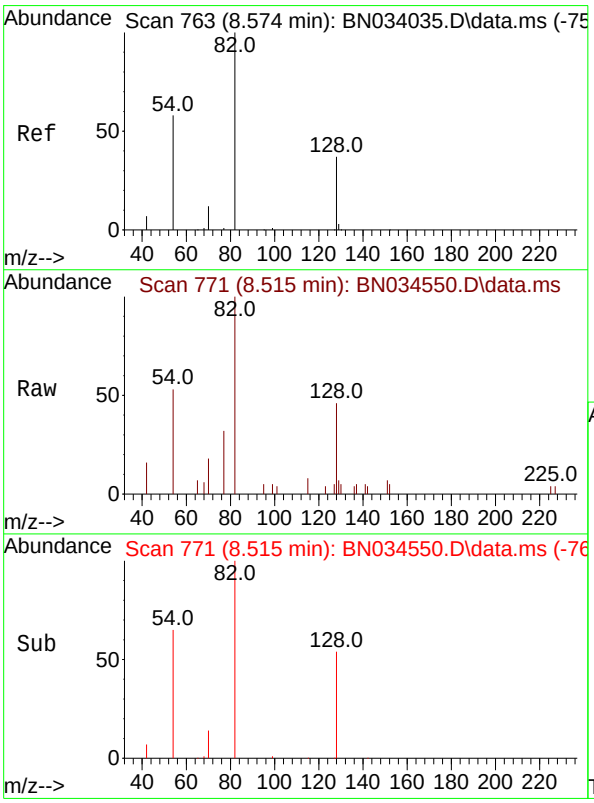
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14347

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	6.7	6.8	10.2#
68	5.3	5.0	7.6

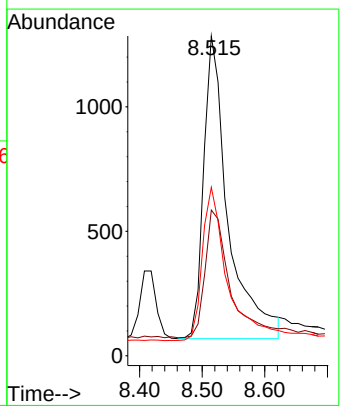


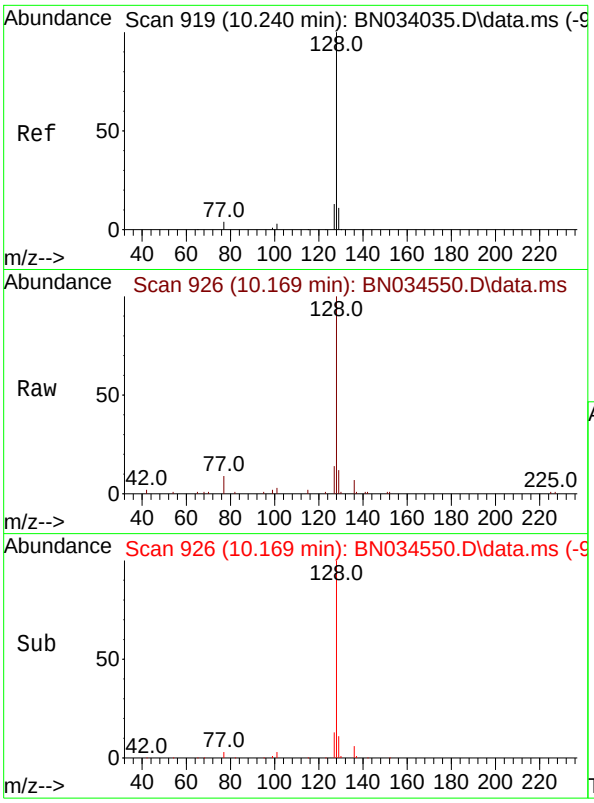


#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.515 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion: 82 Resp: 3302

Ion	Ratio	Lower	Upper
82	100		
128	45.6	31.4	47.2
54	52.7	47.4	71.0



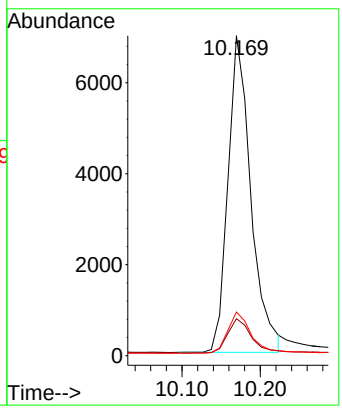


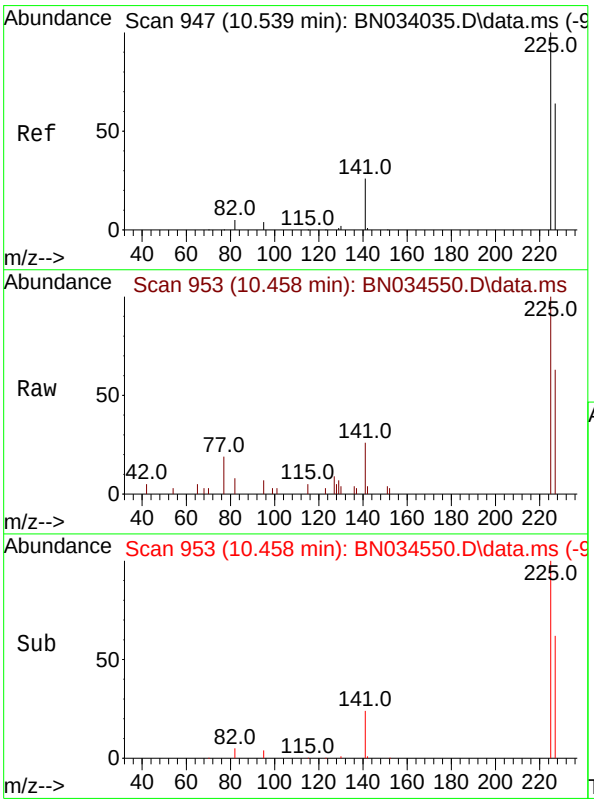
#9
Naphthalene
Concen: 0.360 ng
RT: 10.169 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14178

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.7	10.7	16.1

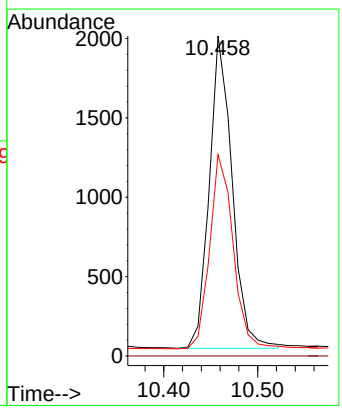


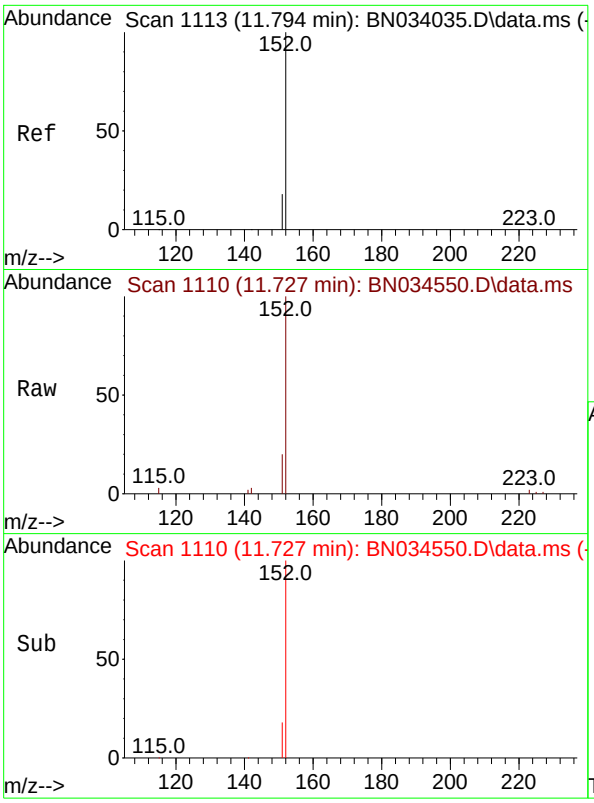


#10
Hexachlorobutadiene
Concen: 0.448 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:225 Resp: 3327

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



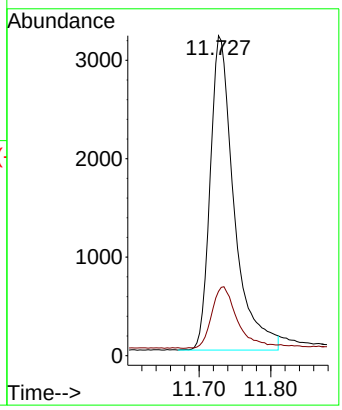


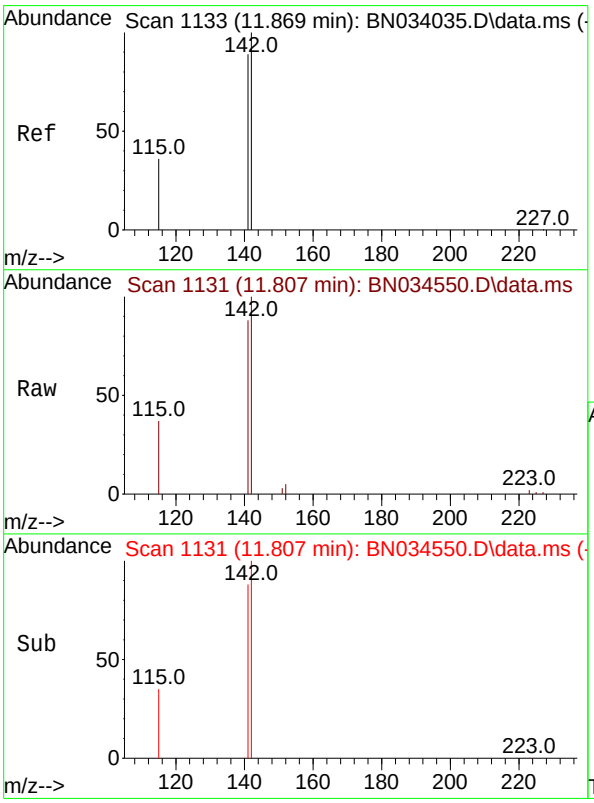
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7399

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2

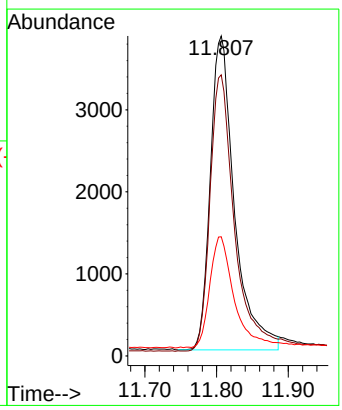


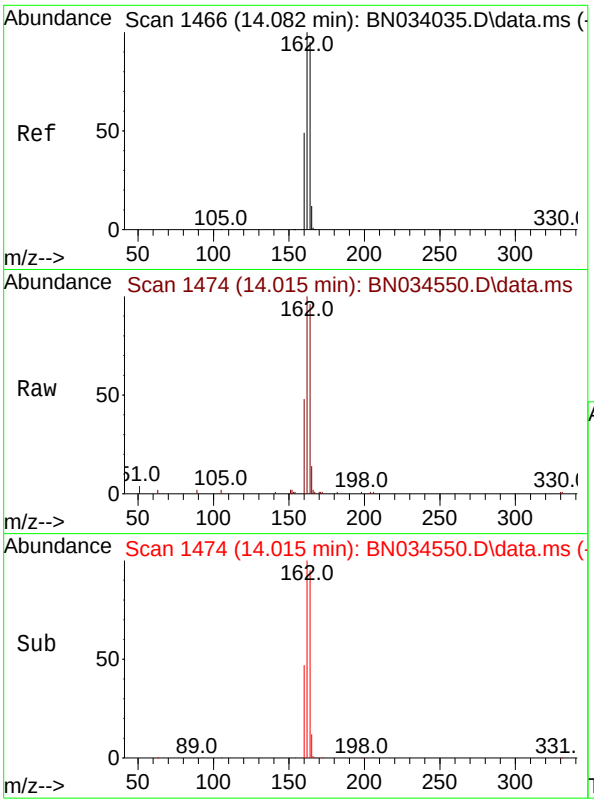


#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 11.807 min Scan# 1131
Delta R.T. 0.004 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:142 Resp: 8975

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.6	107.4
115	37.3	30.0	45.0



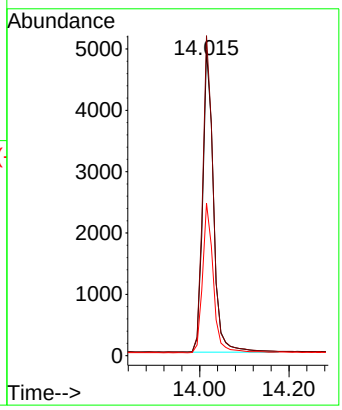


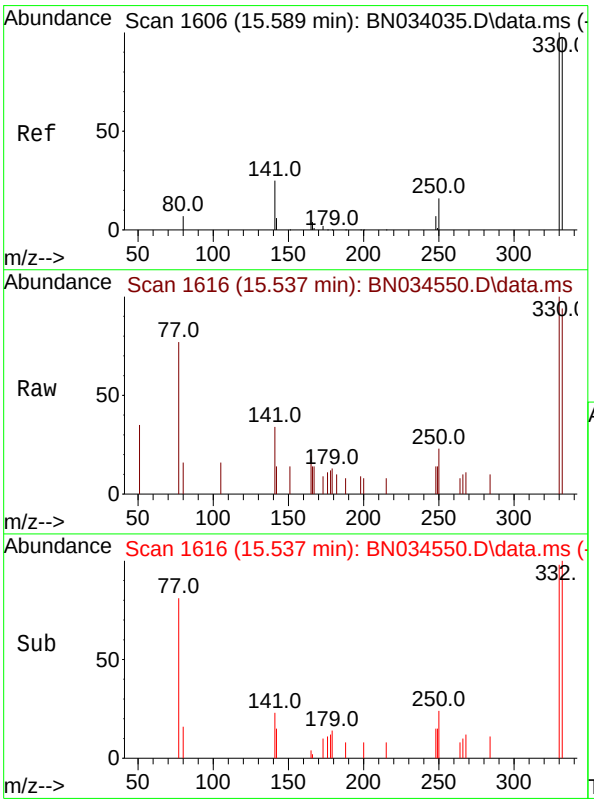
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8212

Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.2	126.2
160	49.9	41.7	62.5

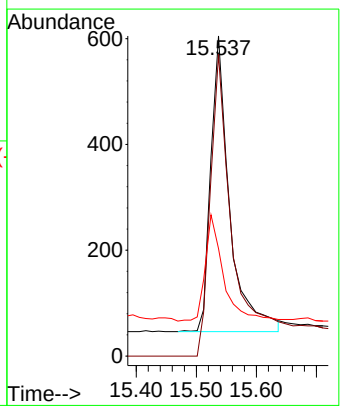


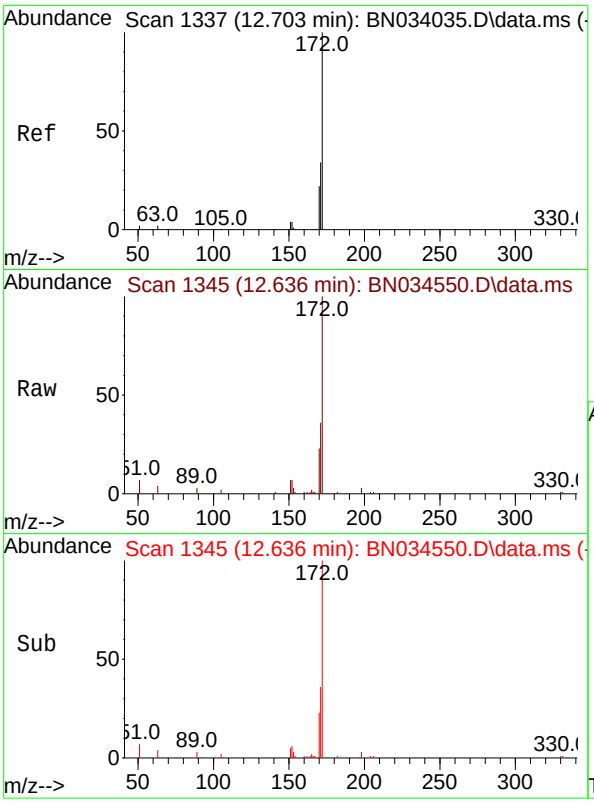


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.537 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:330 Resp: 1180

Ion	Ratio	Lower	Upper
330	100		
332	126.2	77.4	116.0#
141	34.8	35.9	53.9#



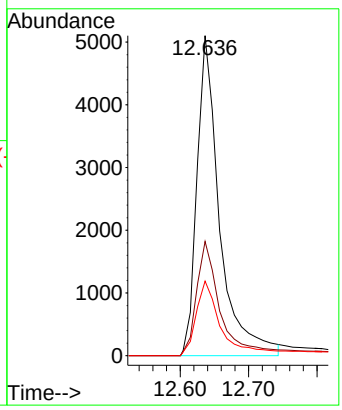


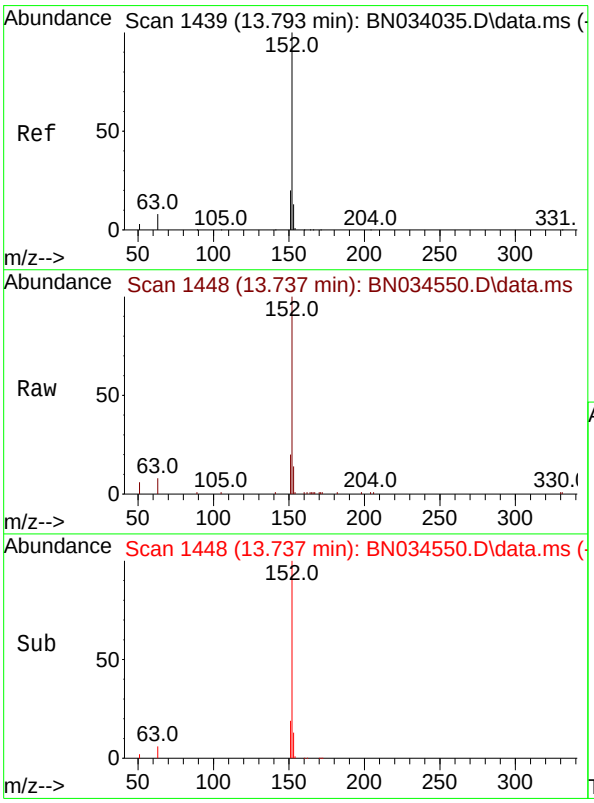
#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.636 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10743

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	23.3	18.1	27.1

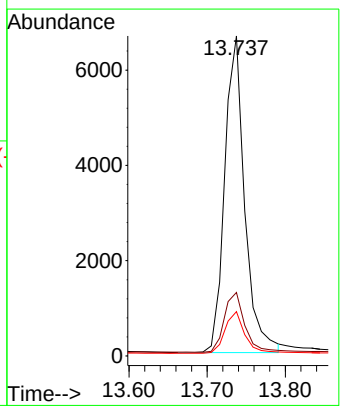


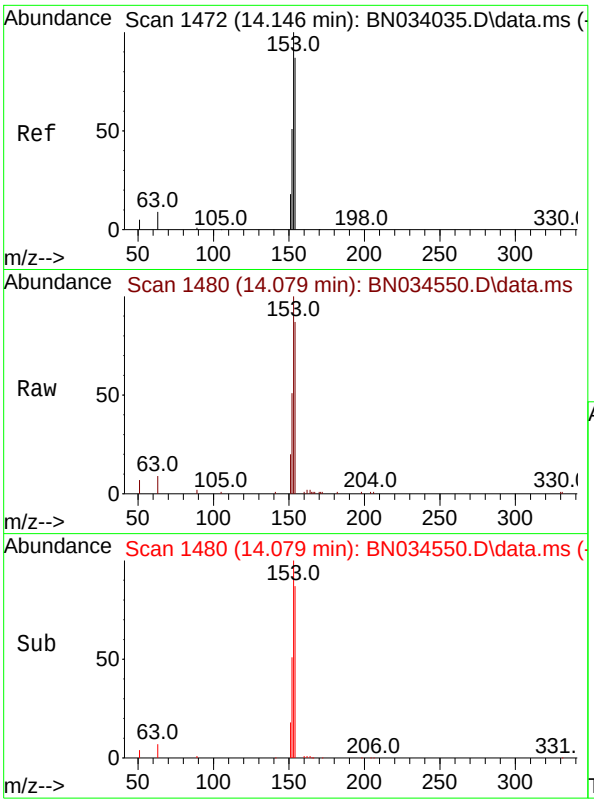


#16
Acenaphthylene
Concen: 0.336 ng
RT: 13.737 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:152 Resp: 11798

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.0	10.3	15.5



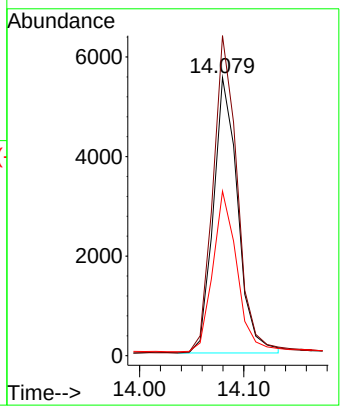


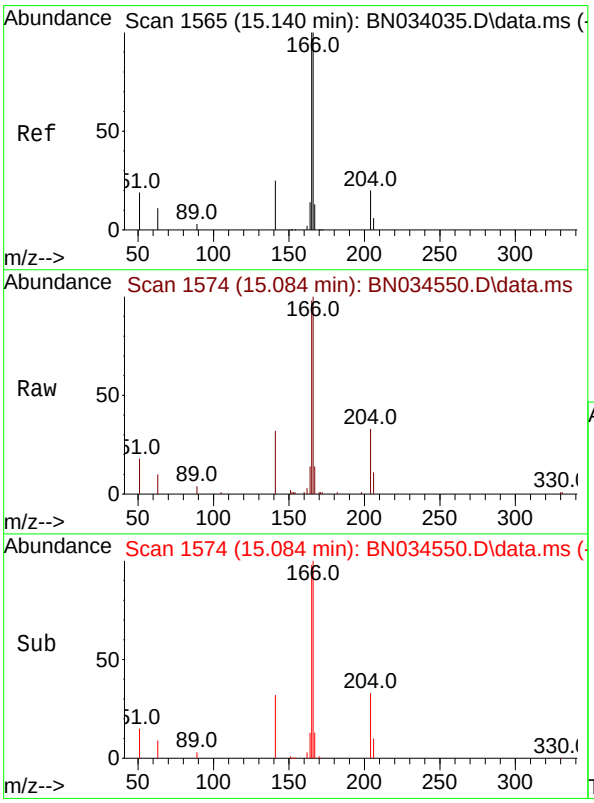
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 9008

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.6	137.4
152	57.2	47.4	71.2

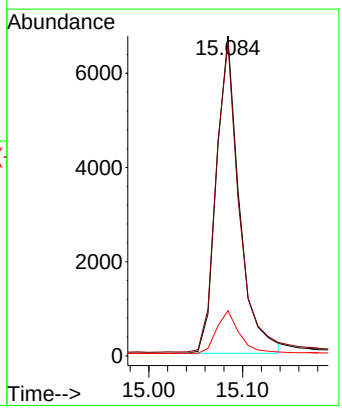


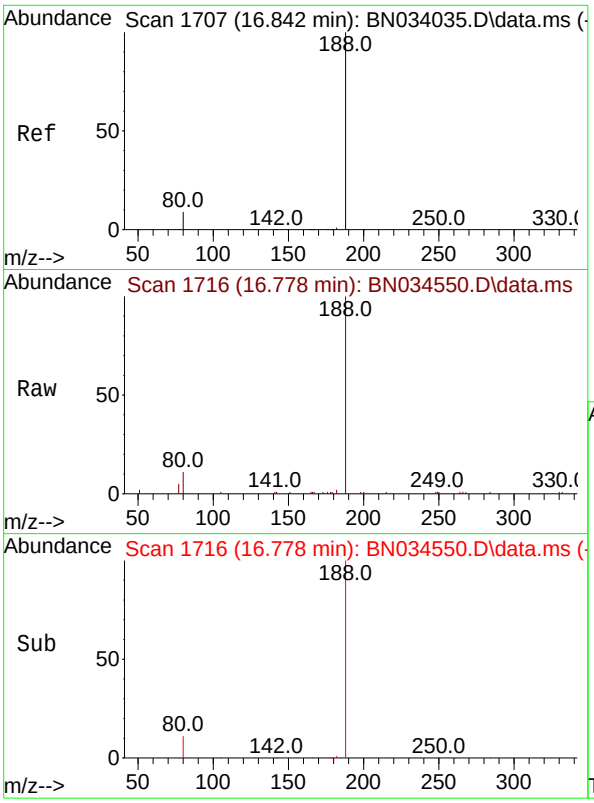


#18
Fluorene
Concen: 0.344 ng
RT: 15.084 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:166 Resp: 11382

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.1	118.7
167	13.5	10.6	15.8





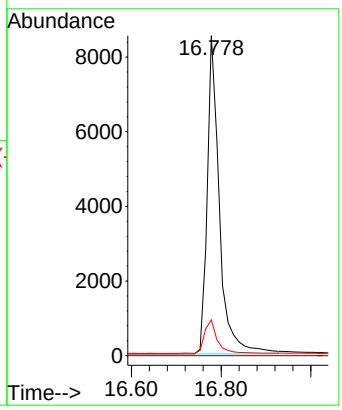
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.778 min Scan# 1

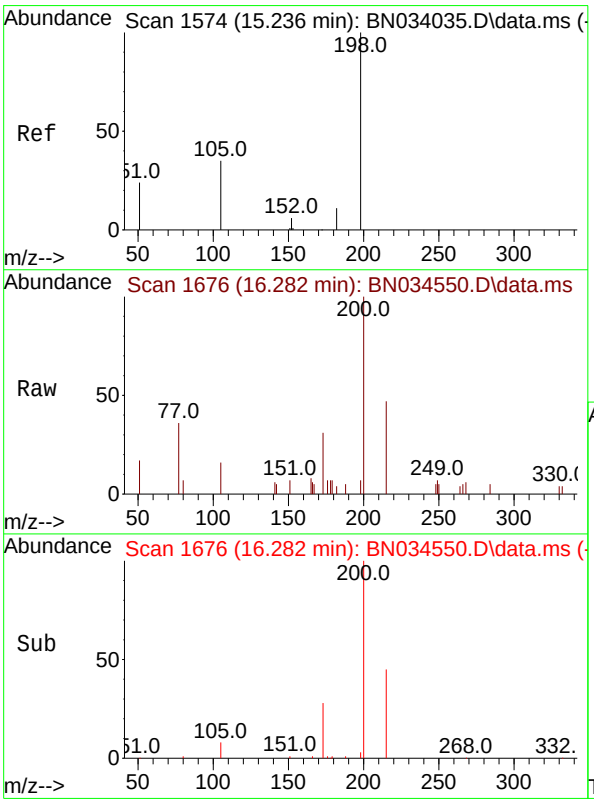
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:188 Resp: 16067

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	7.4	11.0#

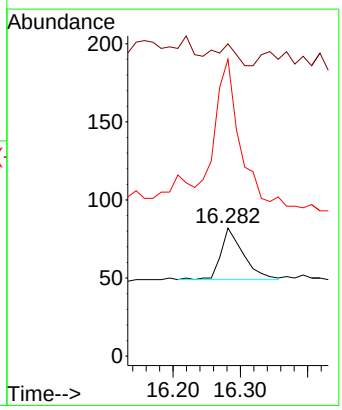


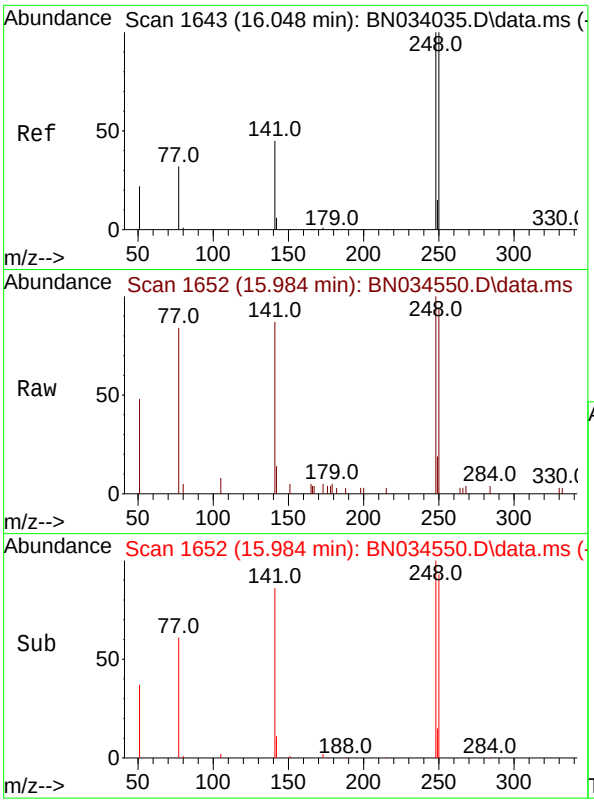


#20
4,6-Dinitro-2-methylphenol
Concen: 0.164 ng
RT: 16.282 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:198 Resp: 77

Ion	Ratio	Lower	Upper
198	100		
51	243.9	106.4	159.6#
105	231.7	38.5	57.7#



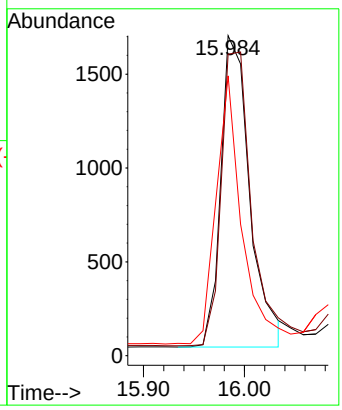


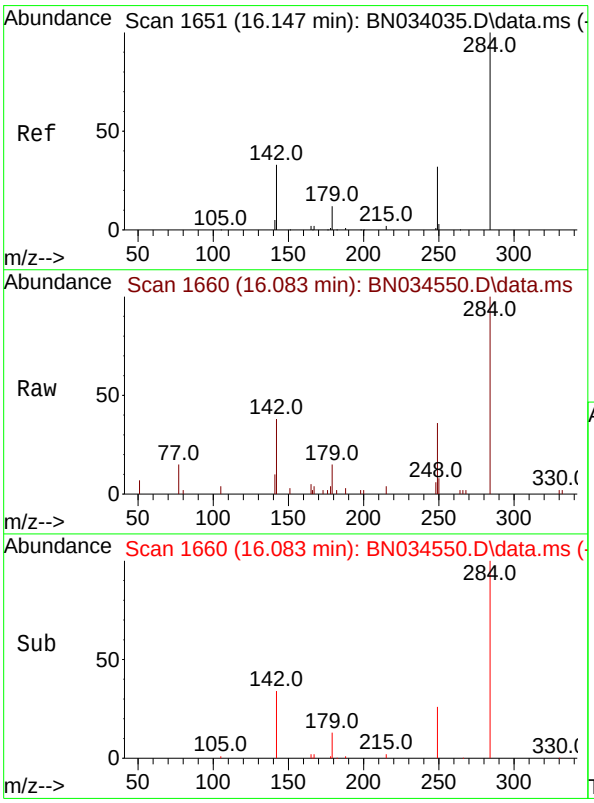
#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 15.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 3319

Ion	Ratio	Lower	Upper
248	100		
250	94.2	80.5	120.7
141	87.4	37.1	55.7#

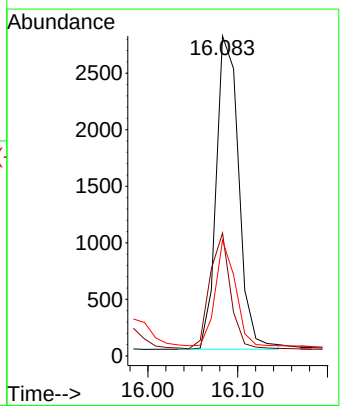


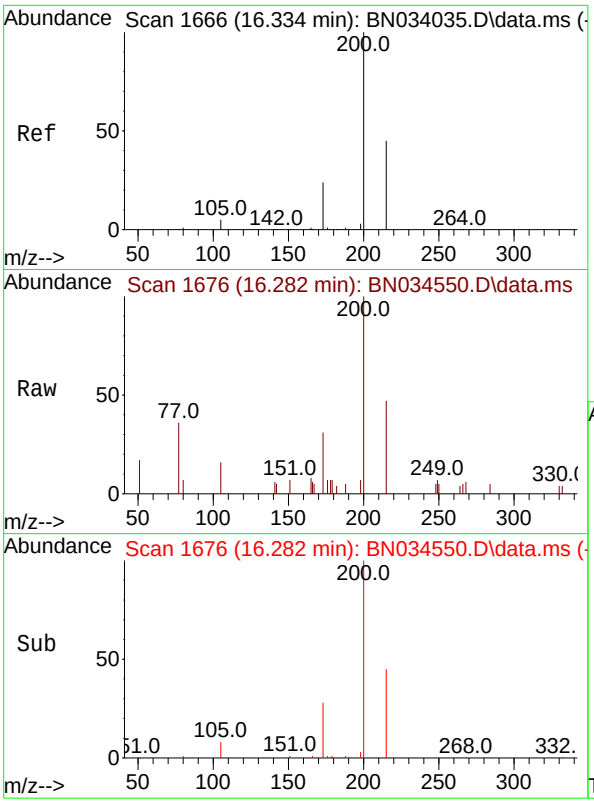


#22
Hexachlorobenzene
Concen: 0.477 ng
RT: 16.083 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:284 Resp: 4834

Ion	Ratio	Lower	Upper
284	100		
142	33.4	34.5	51.7#
249	29.7	25.8	38.6



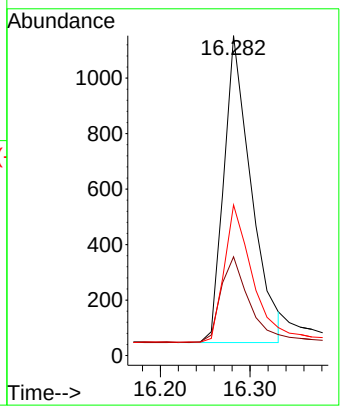


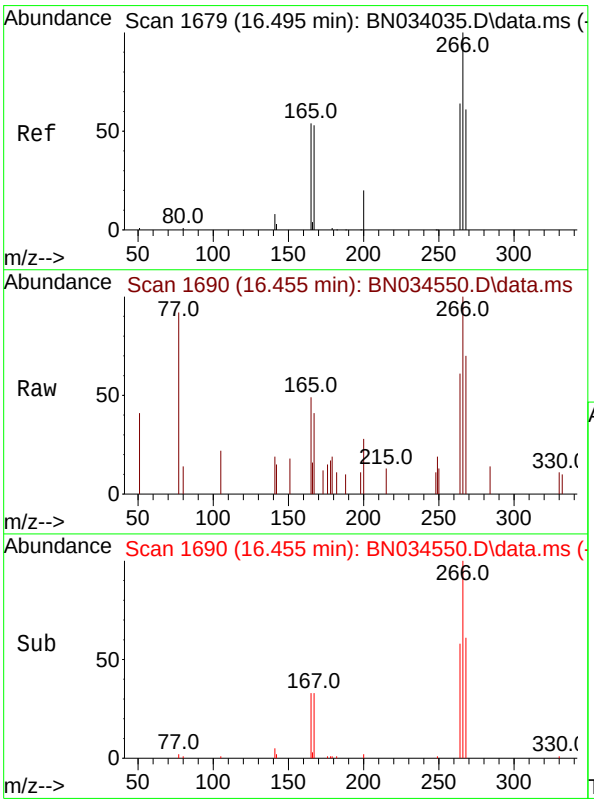
#23
Atrazine
Concen: 0.314 ng
RT: 16.282 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2348

Ion	Ratio	Lower	Upper
200	100		
173	30.9	20.1	30.1#
215	47.1	37.0	55.6

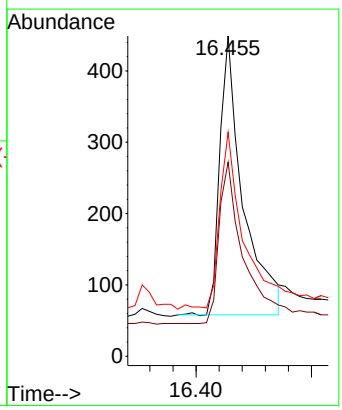


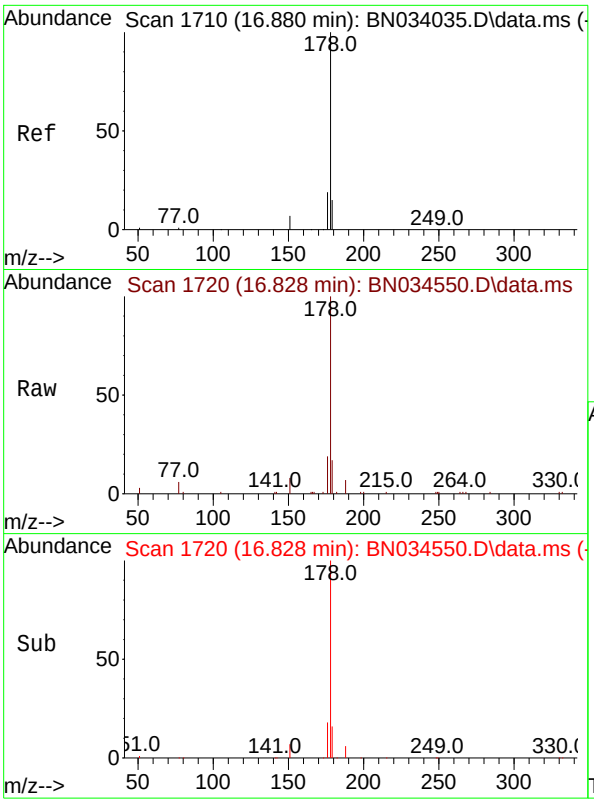


#24
Pentachlorophenol
Concen: 0.325 ng
RT: 16.455 min Scan# 1690
Delta R.T. 0.012 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:266 Resp: 1089

Ion	Ratio	Lower	Upper
266	100		
264	60.5	50.2	75.2
268	62.5	51.0	76.4



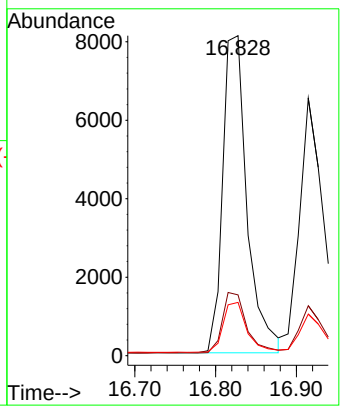


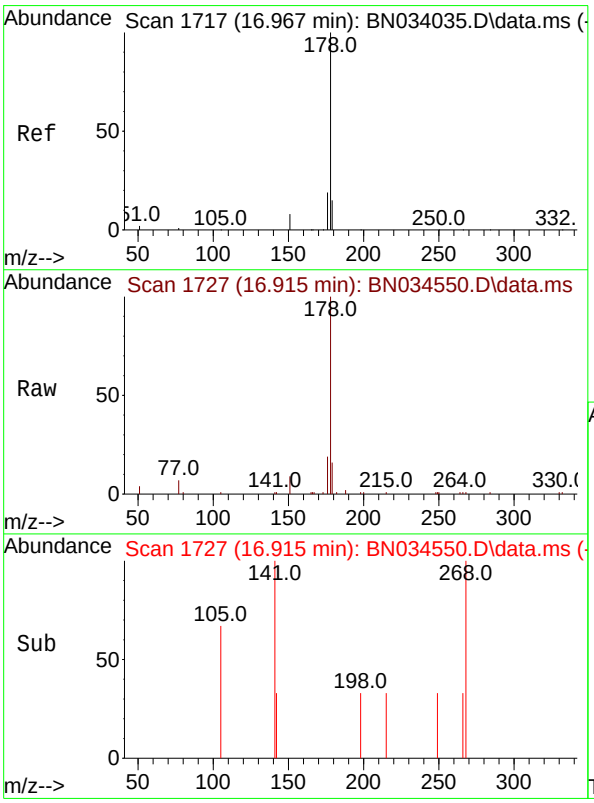
#25
Phenanthrene
Concen: 0.368 ng
RT: 16.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16993

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.1	18.1

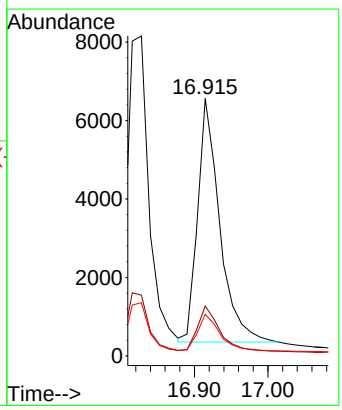


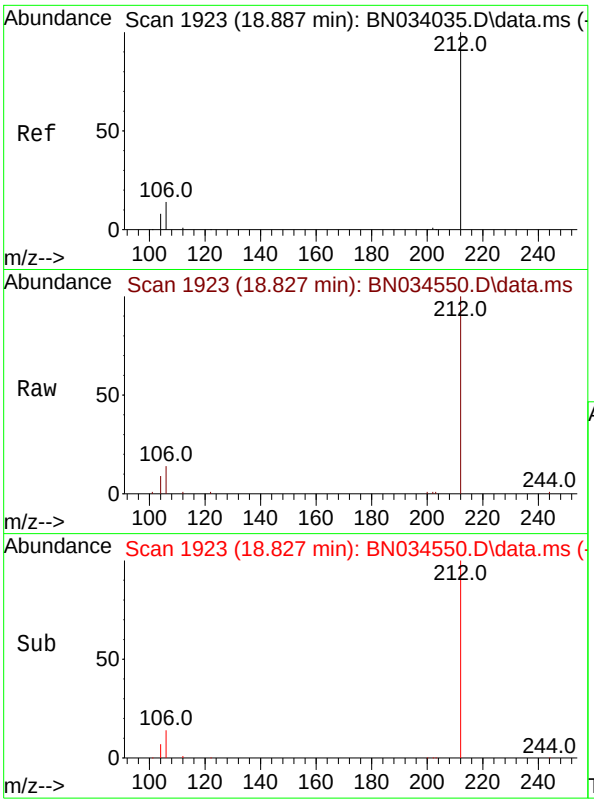


#26
Anthracene
Concen: 0.344 ng
RT: 16.915 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:178 Resp: 12940

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.2	12.2	18.4





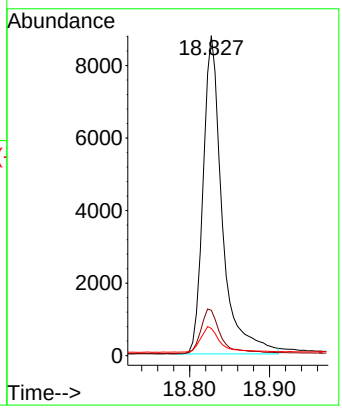
#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 18.827 min Scan# 1

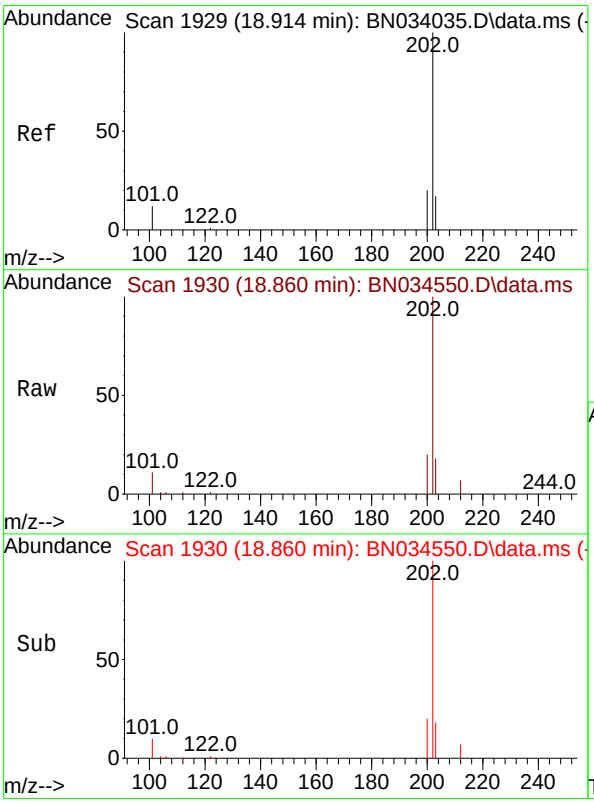
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:212 Resp: 14557

Ion	Ratio	Lower	Upper
212	100		
106	14.4	13.4	20.2
104	8.2	7.8	11.6

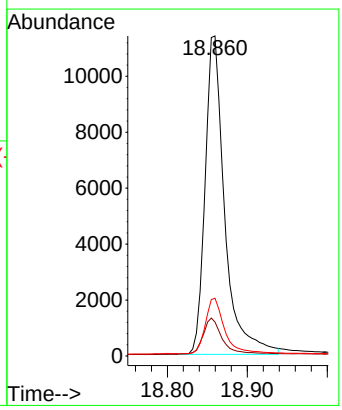


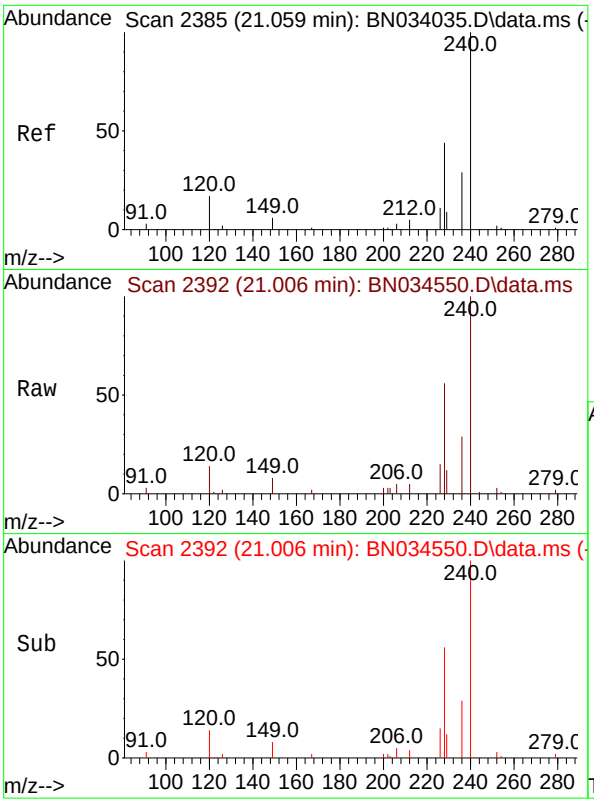


#28
Fluoranthene
Concen: 0.363 ng
RT: 18.860 min Scan# 1930
Delta R.T. 0.005 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:202 Resp: 19413

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.1	15.1
203	17.2	13.6	20.4



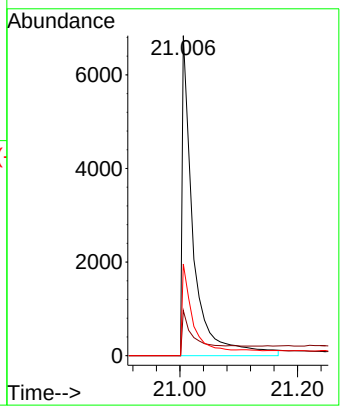


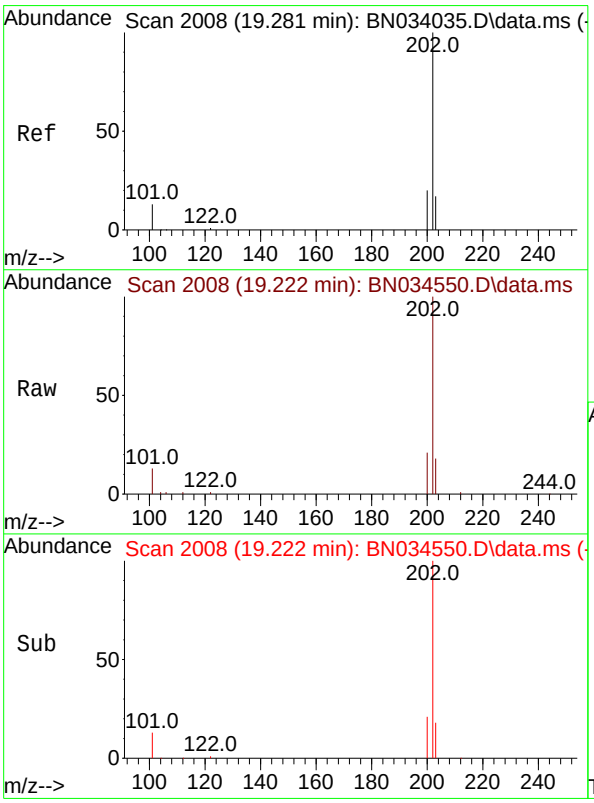
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 9377

Ion	Ratio	Lower	Upper
240	100		
120	14.1	13.5	20.3
236	28.7	23.4	35.0

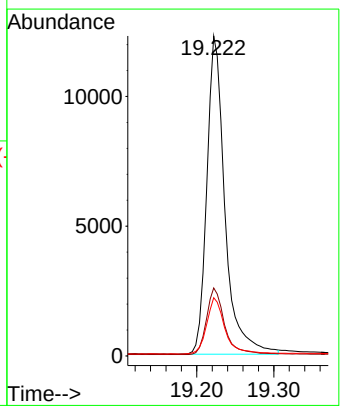


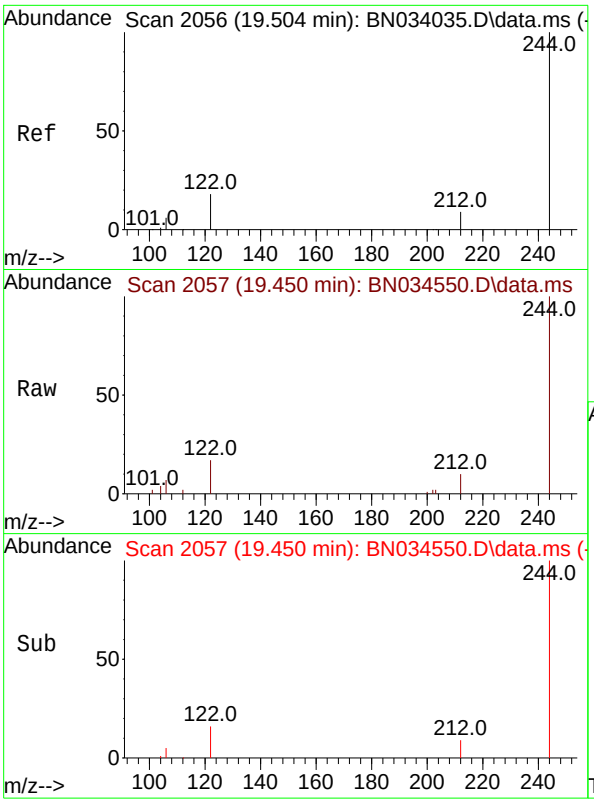


#30
Pyrene
Concen: 0.505 ng
RT: 19.222 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:202 Resp: 19993

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.3	21.5



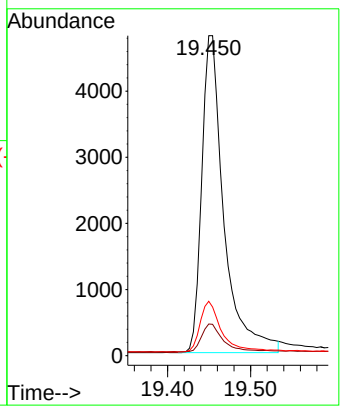


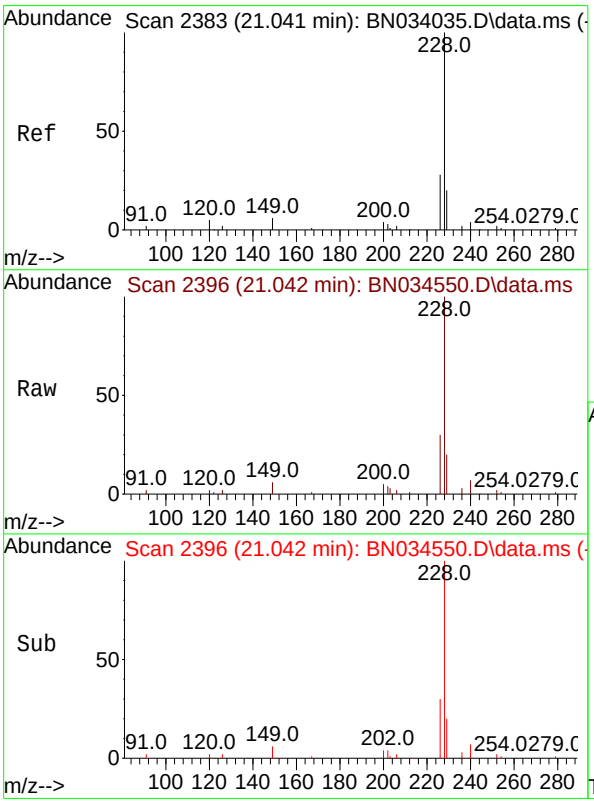
#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.450 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8911

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.8	11.6
122	17.0	14.8	22.2

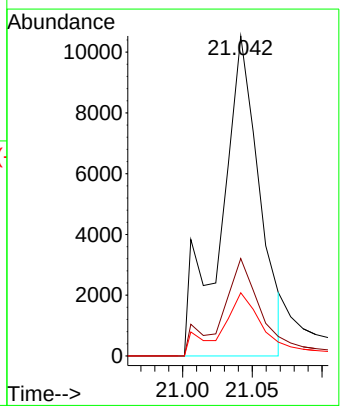


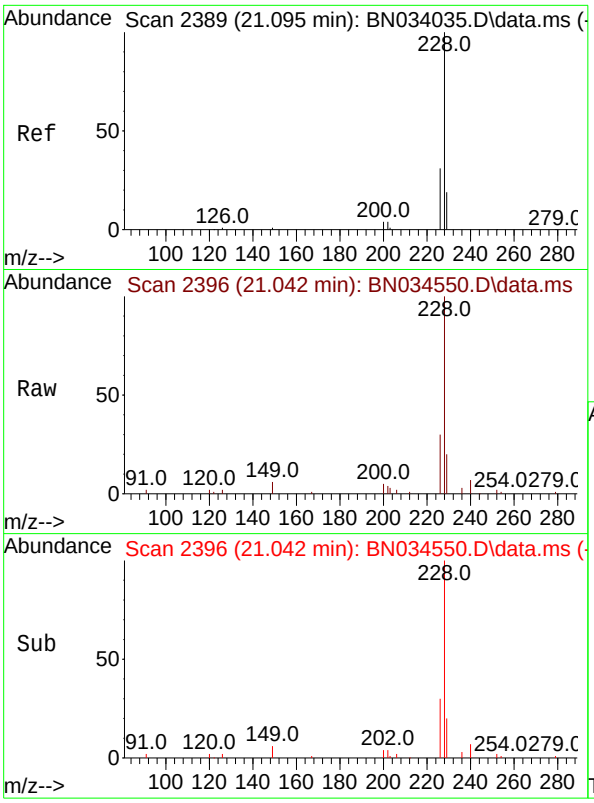


#32
Benzo(a)anthracene
Concen: 0.623 ng
RT: 21.042 min Scan# 2396
Delta R.T. 0.036 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:228 Resp: 18468

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	19.8	15.7	23.5



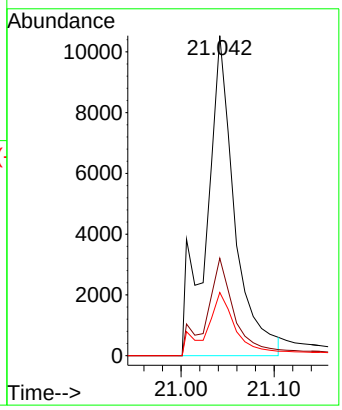


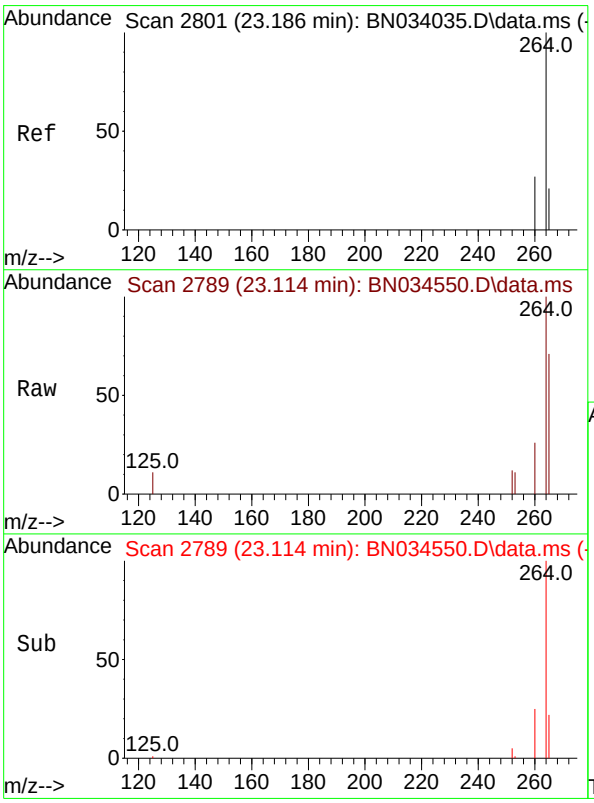
#33
Chrysene
Concen: 0.590 ng
RT: 21.042 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 20885

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.8	15.5	23.3

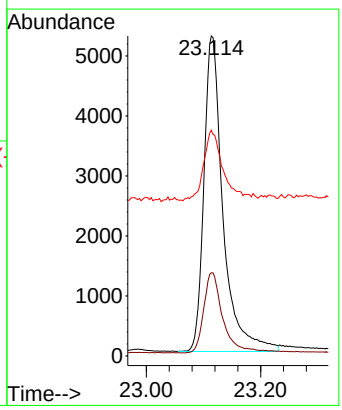


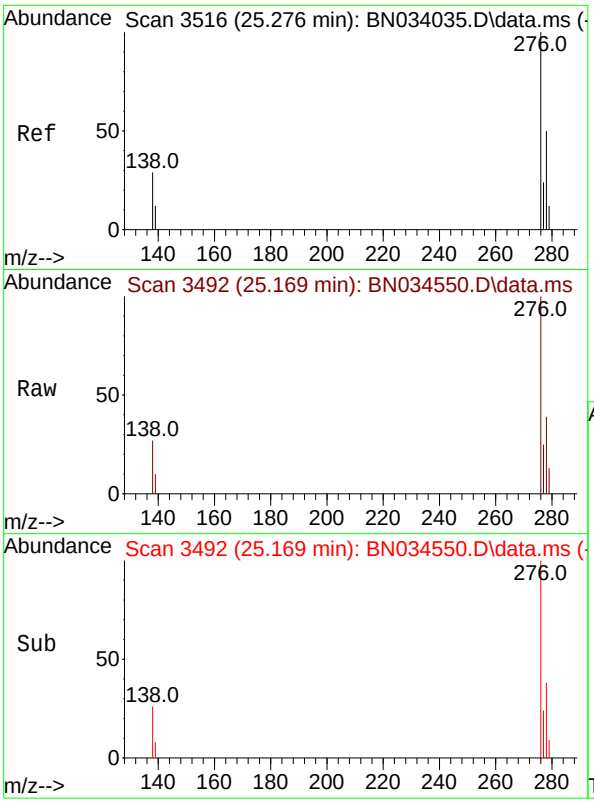


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.114 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:264 Resp: 12183

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.7	32.5
265	70.6	52.1	78.1



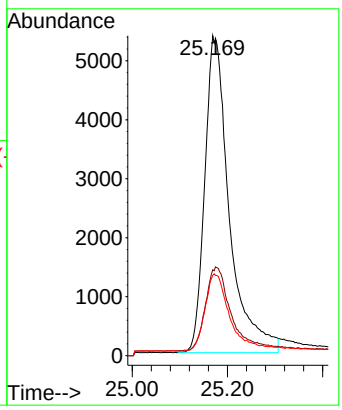


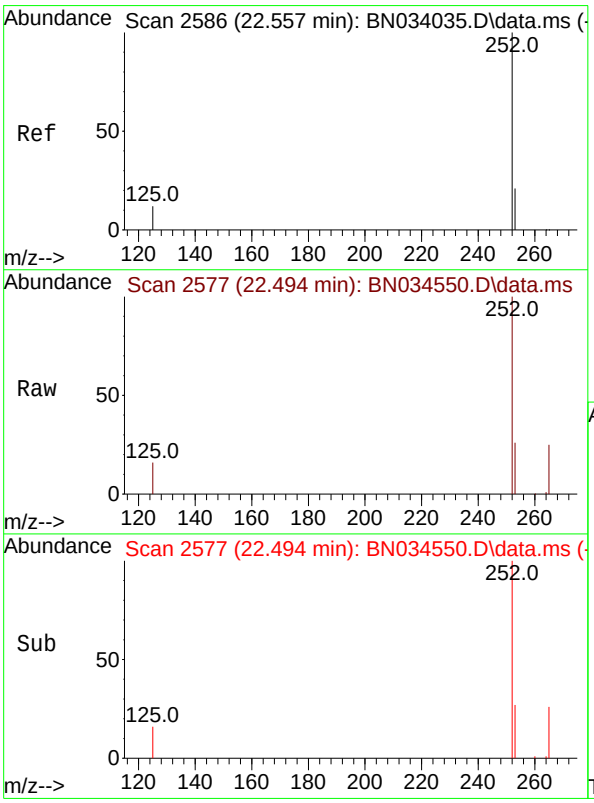
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 25.169 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 19289

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.9	38.9
277	24.1	19.7	29.5

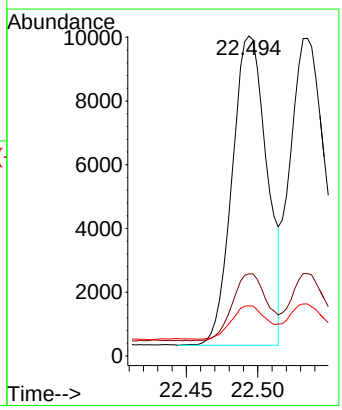


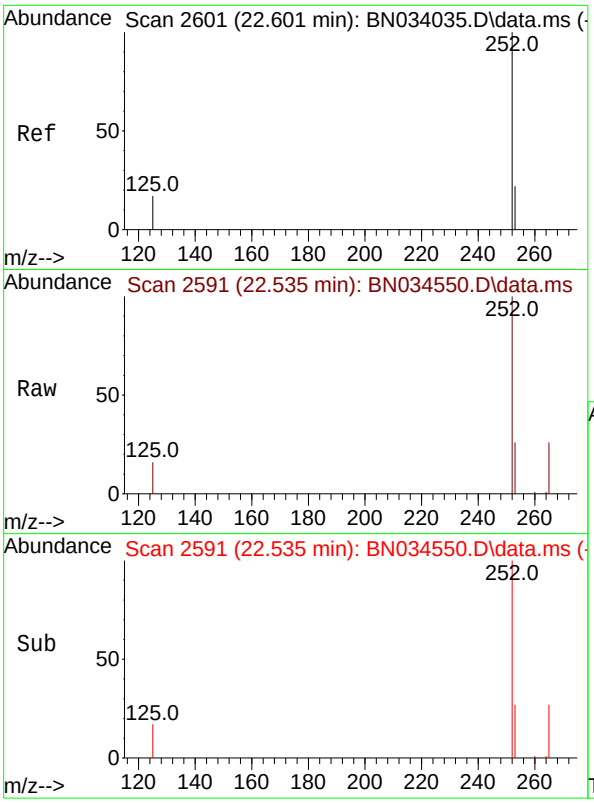


#37
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.494 min Scan# 2577
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:252 Resp: 16438

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.6	29.4
125	15.7	13.8	20.8



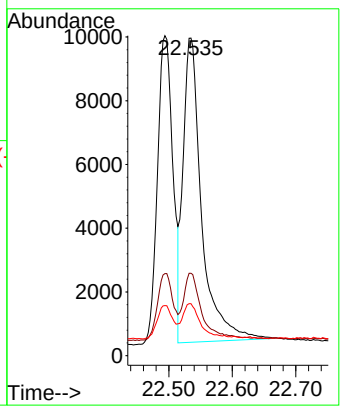


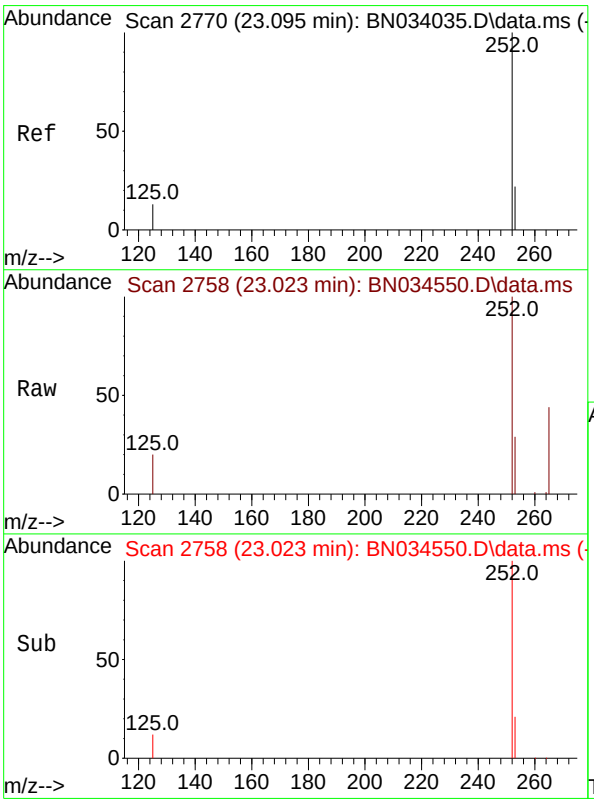
#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.535 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19399

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.1	30.1
125	16.4	16.8	25.2#

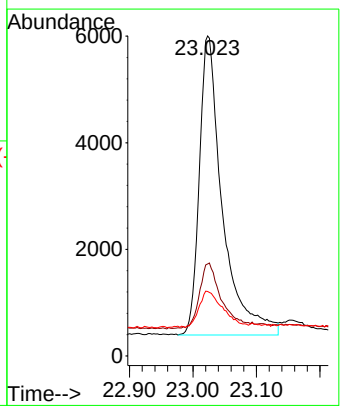


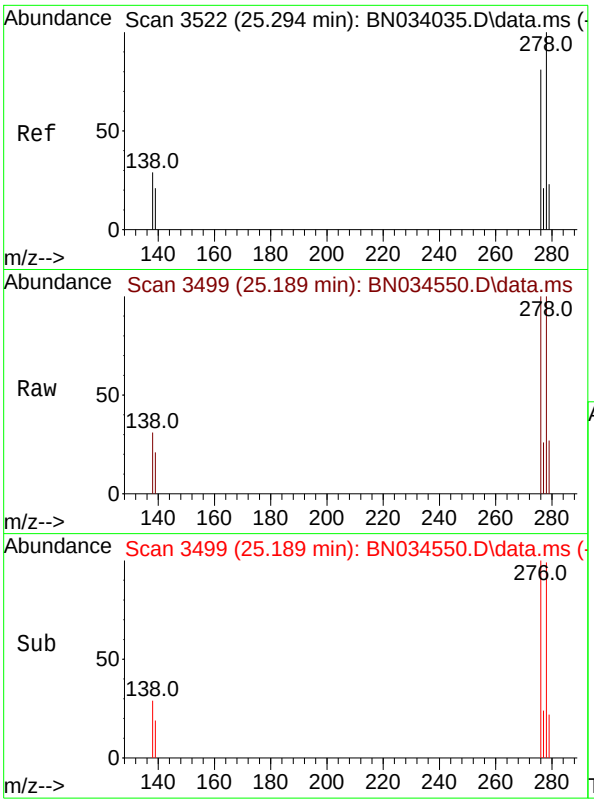


#39
Benzo(a)pyrene
Concen: 0.364 ng
RT: 23.023 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:252 Resp: 14174

Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.8	32.8
125	20.2	17.5	26.3



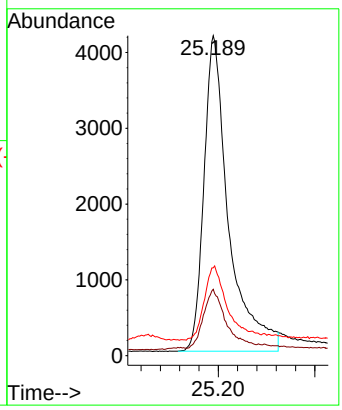


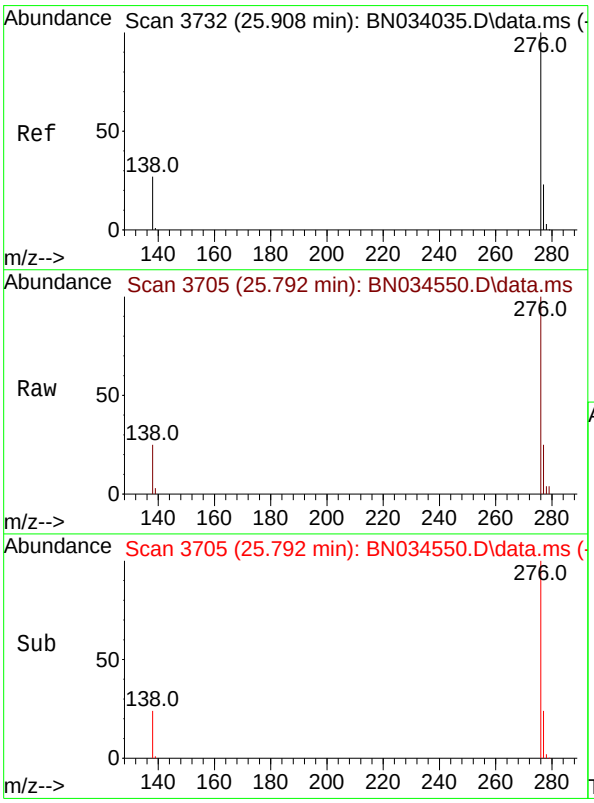
#40
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 25.189 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 14770

Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.8	26.8
279	27.5	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 25.792 min Scan# 3705
Delta R.T. -0.003 min
Lab File: BN034550.D
Acq: 11 Oct 2024 10:27

Tgt Ion:276 Resp: 18230

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.3	28.9
138	24.7	22.6	34.0