Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030539.D
Acq On : 29 Mar 2024 20:46
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 30 00:16:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	6576	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	19334	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	10828	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	24389	0.400	ng		0.00
29) Chrysene-d12	21.285	240	21045	0.400	ng		0.00
35) Perylene-d12	23.527	264	19444	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	5167	0.361	ng		0.00
5) Phenol-d6	6.873	99	6576	0.357	ng		0.00
8) Nitrobenzene-d5	8.851	82	5043	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	11431	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	1303	0.319	ng		0.00
15) 2-Fluorobiphenyl	12.958	172	16186	0.387	ng		-0.01
27) Fluoranthene-d10	19.126	212	24036	0.366	ng		0.00
31) Terphenyl-d14	19.730	244	18758	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	3095	0.390	ng		99
3) n-Nitrosodimethylamine	3.544	42	2861	0.373	ng	#	99
6) bis(2-Chloroethyl)ether	7.133	93	6718	0.370	ng		99
9) Naphthalene	10.538	128	21001	0.392	ng		100
10) Hexachlorobutadiene	10.816	225	4348	0.397	ng	#	99
12) 2-Methylnaphthalene	12.153	142	13644	0.388	ng		99
16) Acenaphthylene	14.060	152	17507	0.357	ng		100
17) Acenaphthene	14.402	154	12797	0.377	ng		100
18) Fluorene	15.396	166	16696	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.471	198	806	0.386	ng		90
21) 4-Bromophenyl-phenylether	16.283	248	5493	0.373	ng		94
22) Hexachlorobenzene	16.395	284	6795	0.386	ng		99
23) Atrazine	16.556	200	3621	0.338	ng		99
24) Pentachlorophenol	16.730	266	1586	0.390	ng		97
25) Phenanthrene	17.127	178	27193	0.376	ng		100
26) Anthracene	17.214	178	21526	0.355	ng		100
28) Fluoranthene	19.154	202	31777	0.370	ng		100
30) Pyrene	19.516	202	31906	0.387	ng		100
32) Benzo(a)anthracene	21.267	228	27333	0.367	ng		100
33) Chrysene	21.321	228	30795	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.213	149	10805	0.334	ng		100
36) Indeno(1,2,3-cd)pyrene	25.796	276	32413	0.376	ng		100
37) Benzo(b)fluoranthene	22.852	252	30685	0.388	ng		100
38) Benzo(k)fluoranthene	22.896	252	30459	0.384	ng		99
39) Benzo(a)pyrene	23.428	252	22819	0.360	ng		99
40) Dibenzo(a,h)anthracene	25.814	278	25845	0.379	ng		99
41) Benzo(g,h,i)perylene	26.486	276	27940	0.381	ng		100

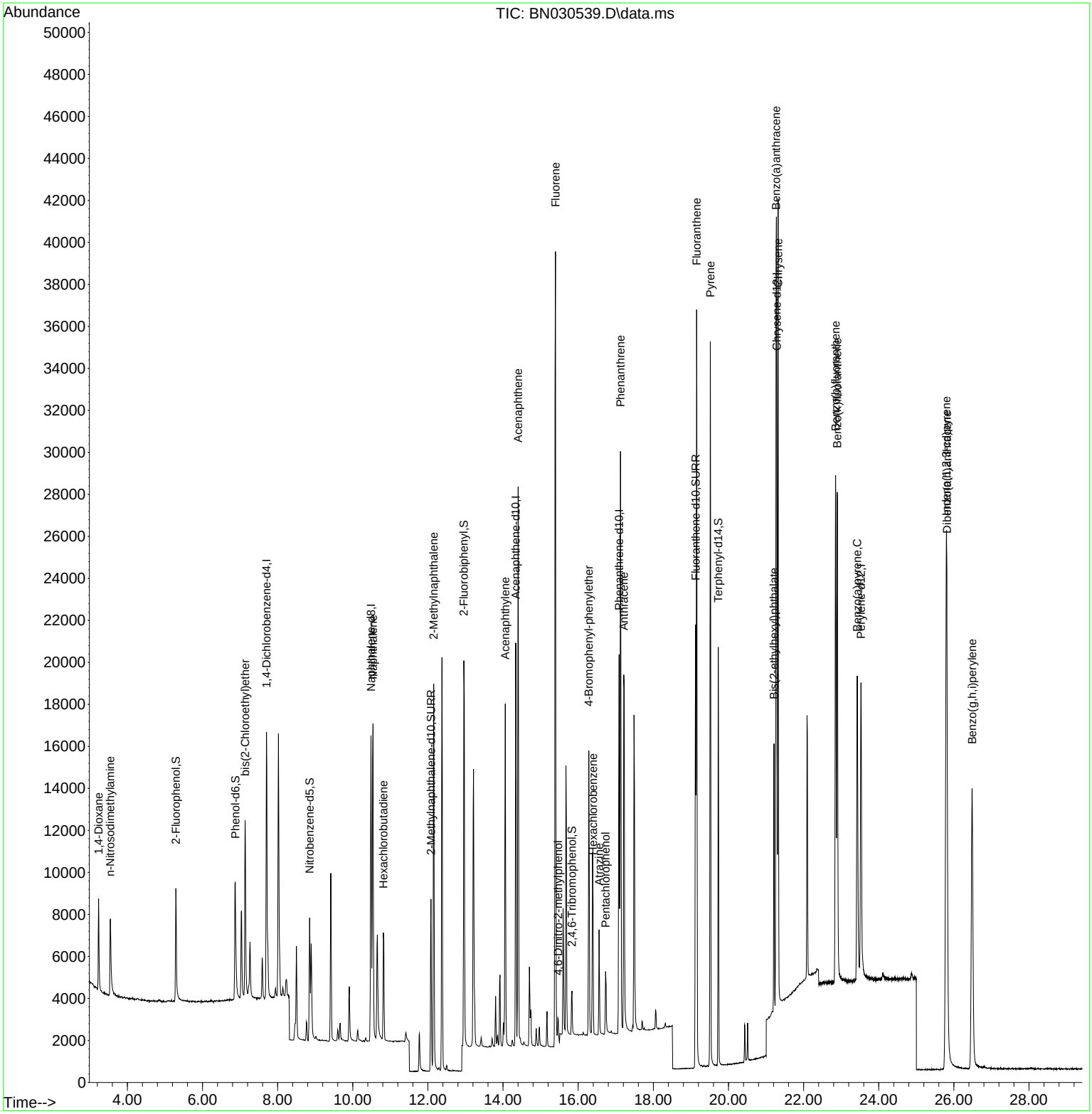
(#) = qualifier out of range (m) = manual integration (+) = signals summed

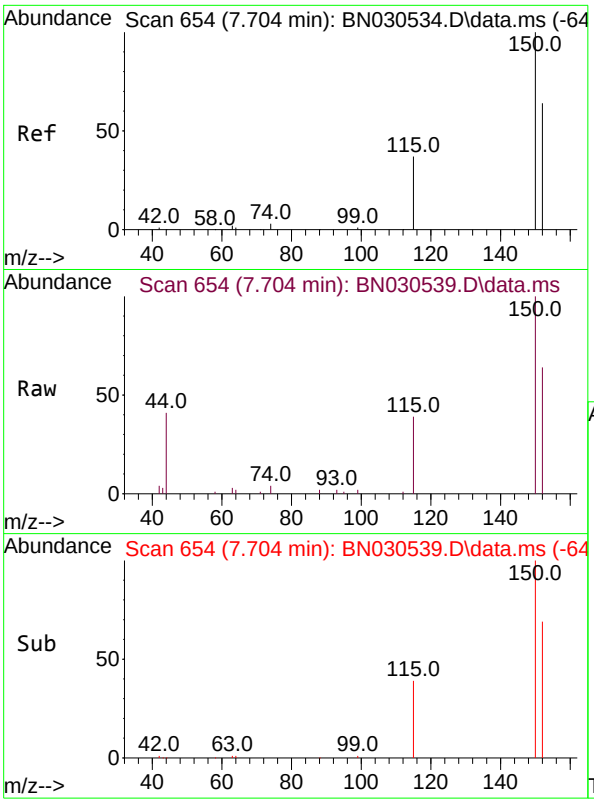
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030539.D
Acq On : 29 Mar 2024 20:46
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 30 00:16:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration



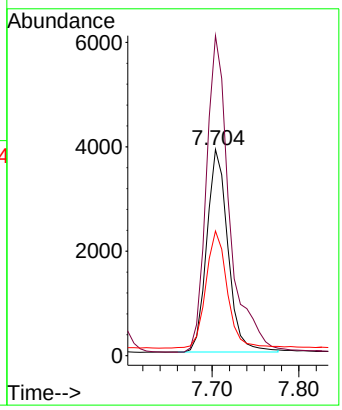


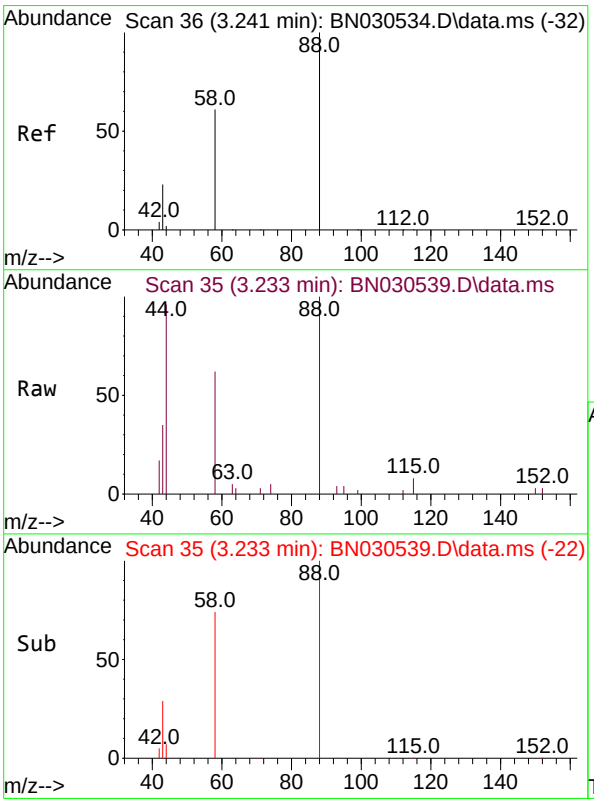
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6576

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.4
115	60.4	48.6	72.8

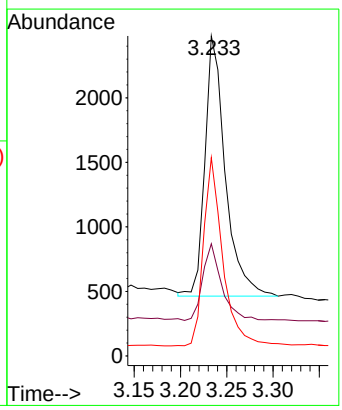


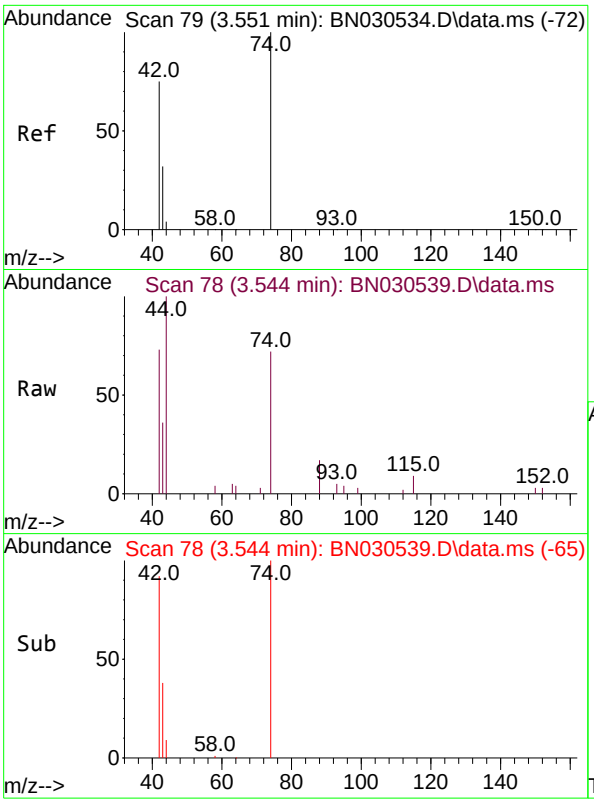


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion: 88 Resp: 3095

Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.9	32.9
58	68.3	53.4	80.2



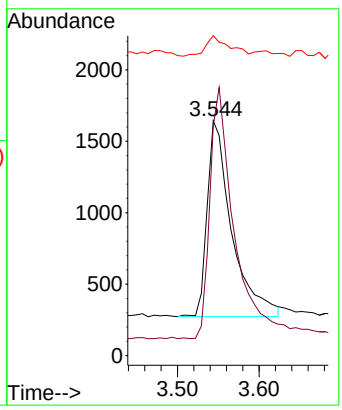


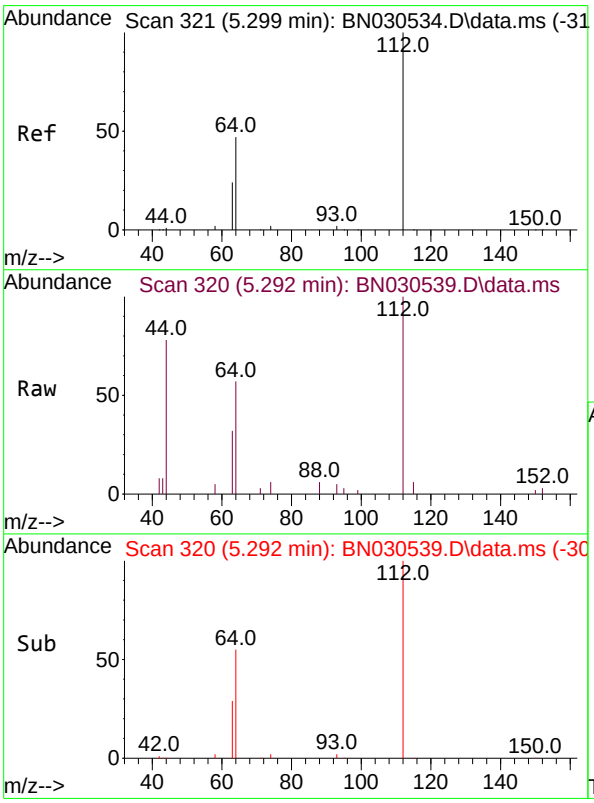
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.544 min Scan# 78
Delta R.T. -0.007 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2861

Ion	Ratio	Lower	Upper
42	100		
74	125.7	100.9	151.3
44	9.8	5.8	8.6#

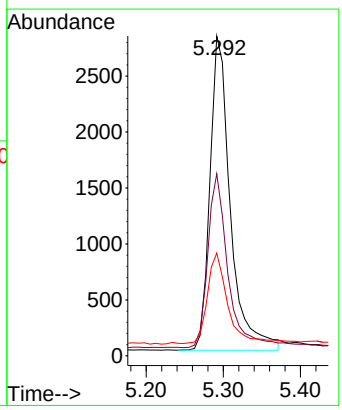


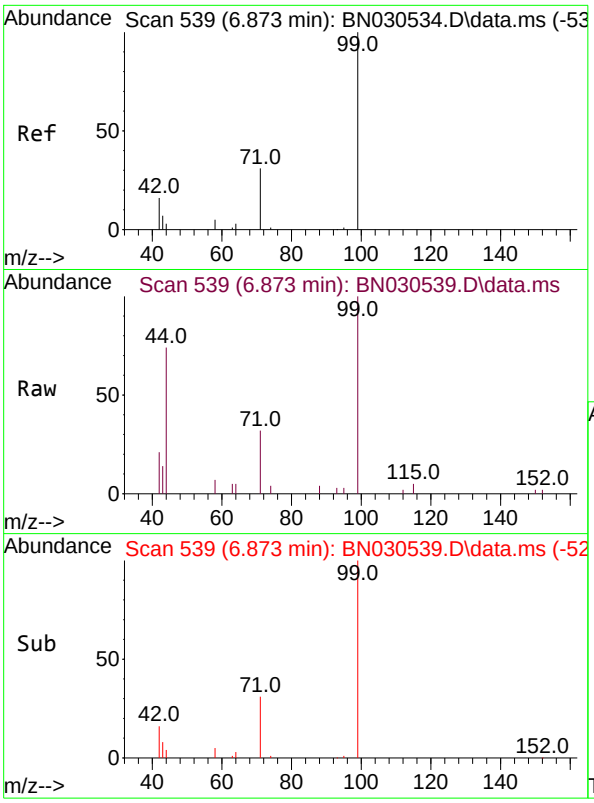


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.292 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:112 Resp: 5167

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.2	64.8
63	28.5	22.5	33.7



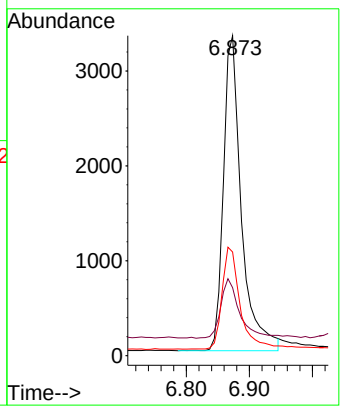


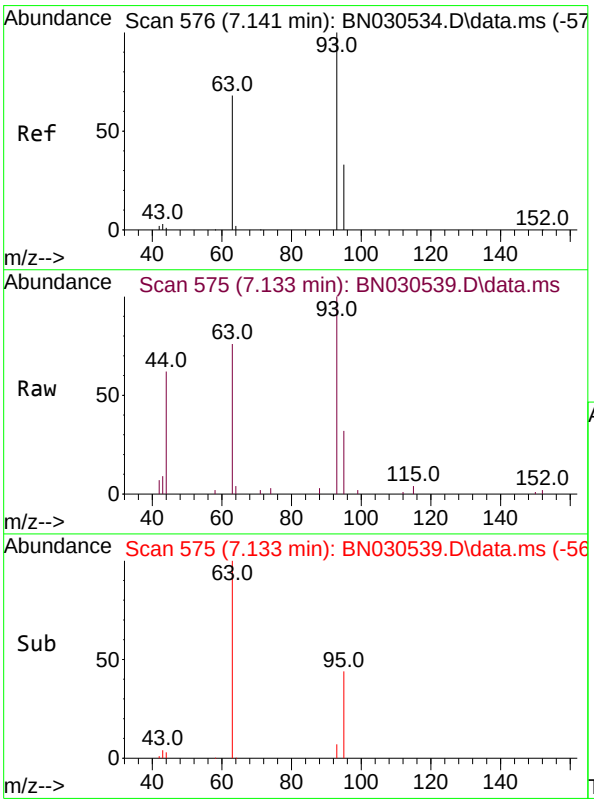
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6576

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	32.0	25.9	38.9

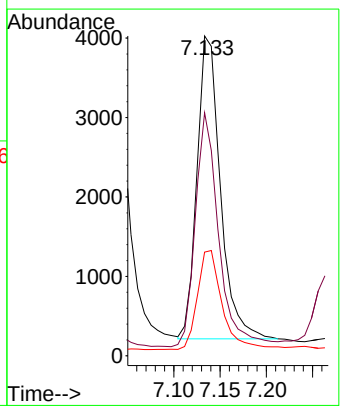


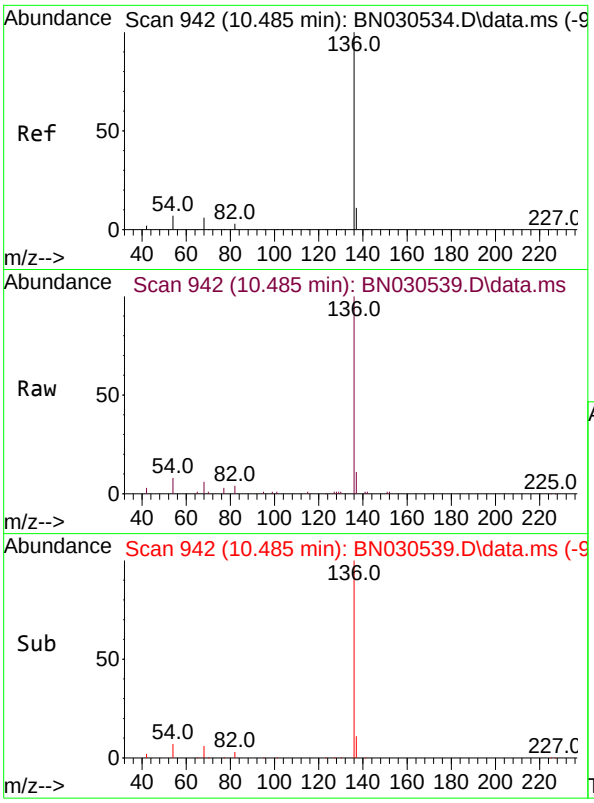


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 7.133 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion: 93 Resp: 6718

Ion	Ratio	Lower	Upper
93	100		
63	76.9	60.5	90.7
95	34.5	27.5	41.3



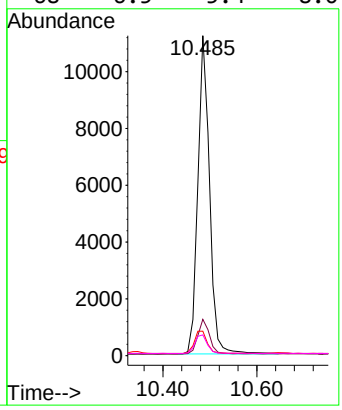


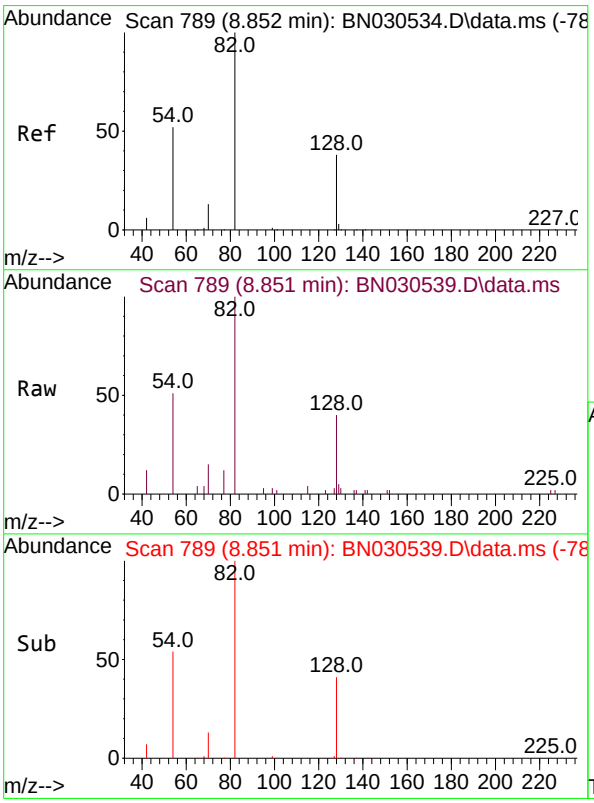
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 19334

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.6	6.4	9.6
68	6.5	5.4	8.0

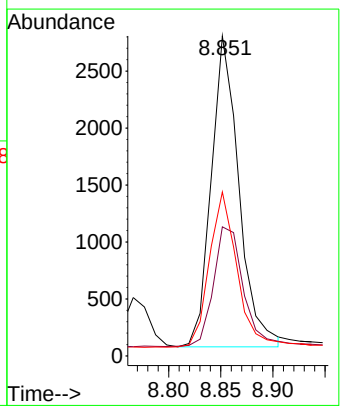


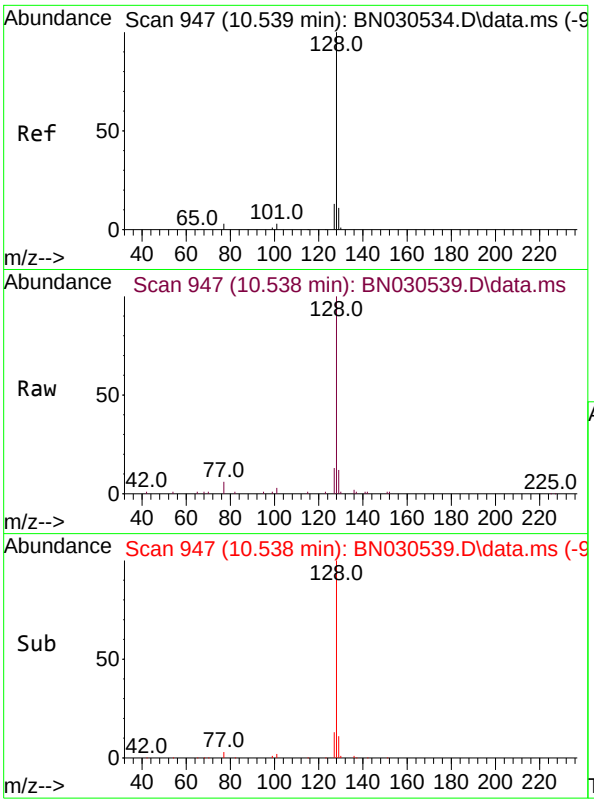


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.851 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion: 82 Resp: 5043

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	51.2	42.7	64.1



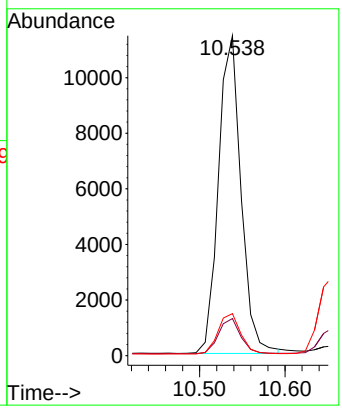


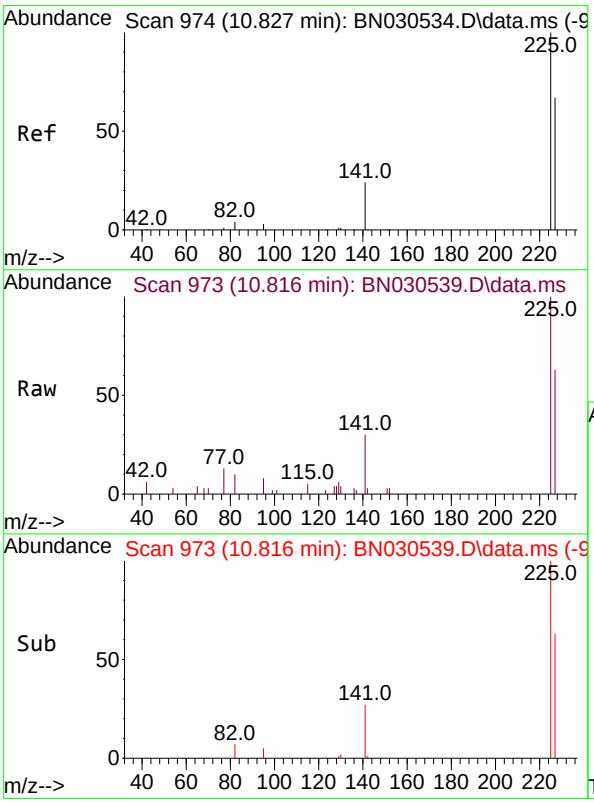
#9
Naphthalene
Concen: 0.392 ng
RT: 10.538 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 21001

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.1	10.5	15.7

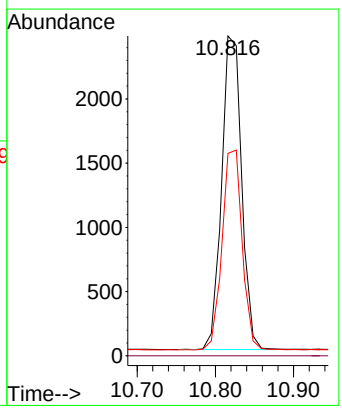


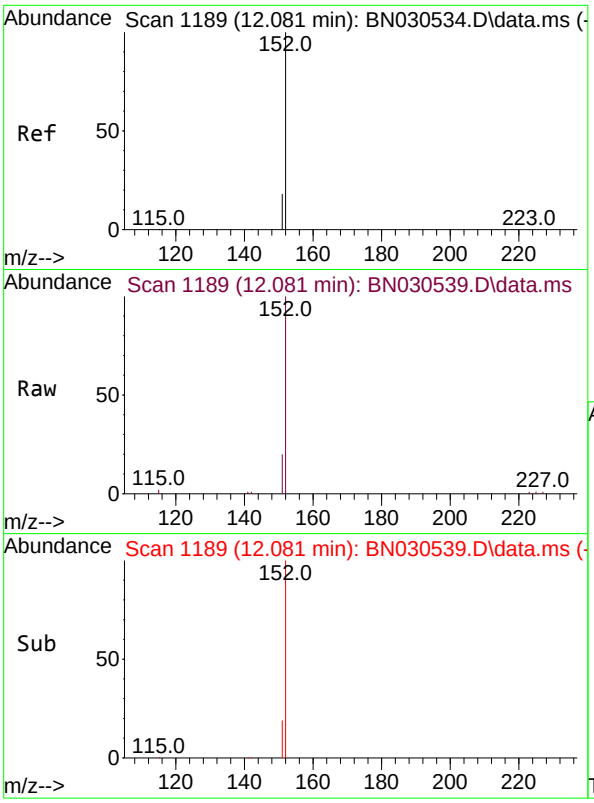


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.816 min Scan# 973
Delta R.T. -0.011 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:225 Resp: 4348

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.4	77.2



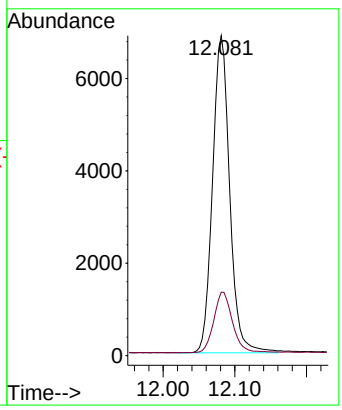


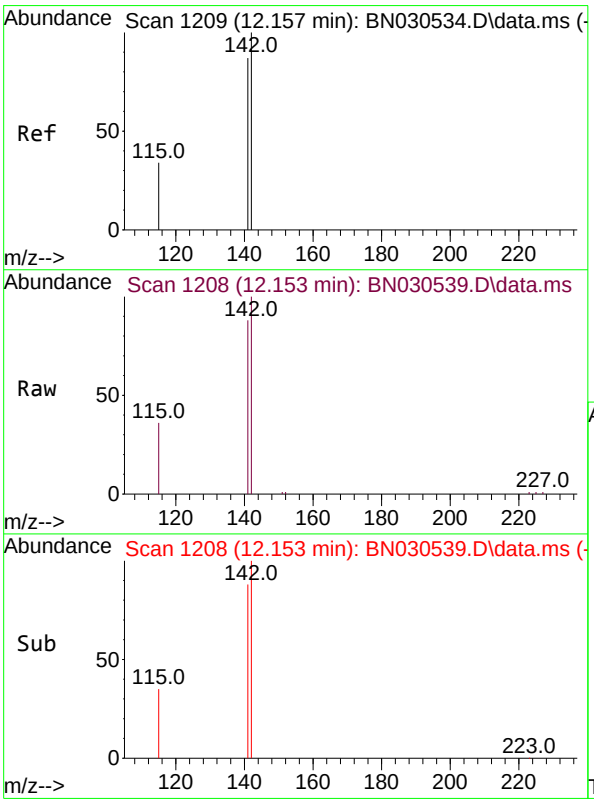
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11431

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

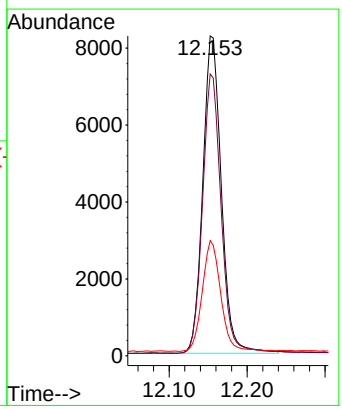


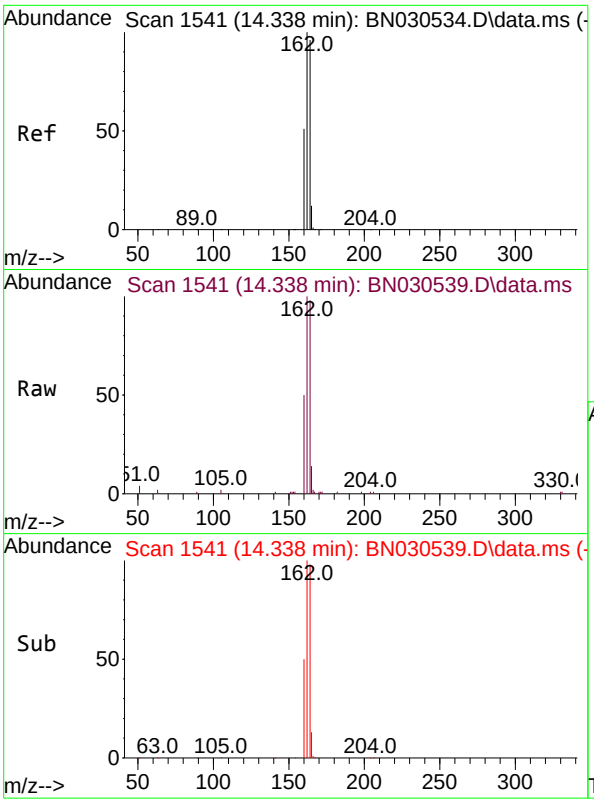


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.153 min Scan# 1208
Delta R.T. -0.004 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:142 Resp: 13644

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.8
115	36.0	28.3	42.5



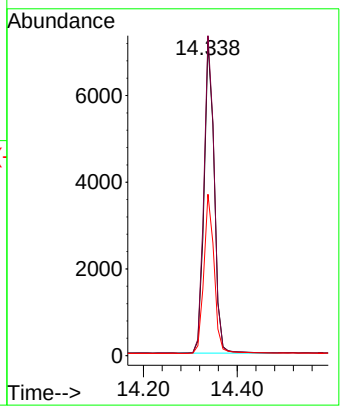


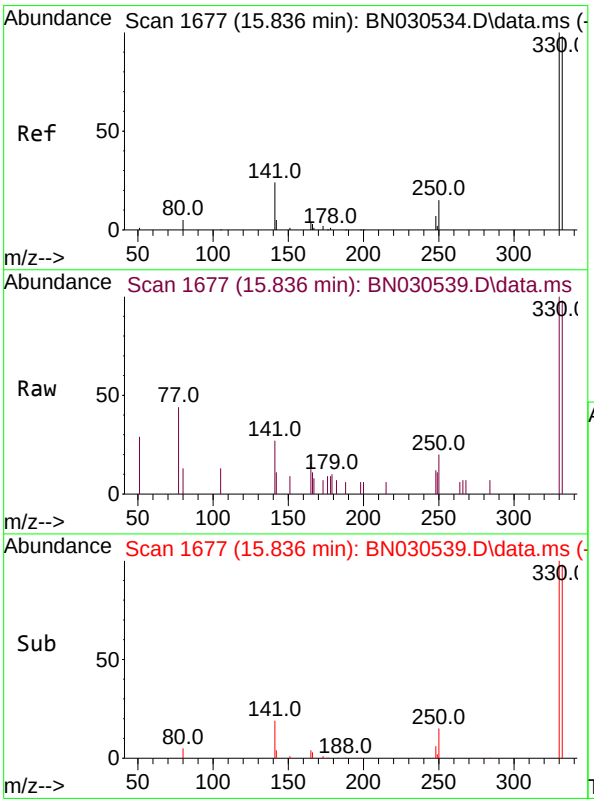
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10828

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.5	125.3
160	51.6	42.5	63.7

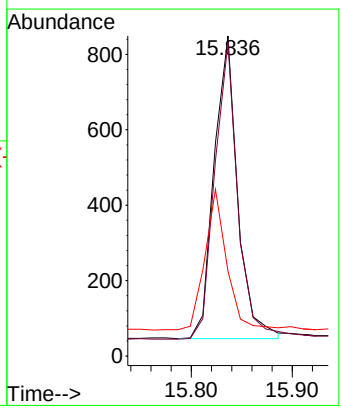


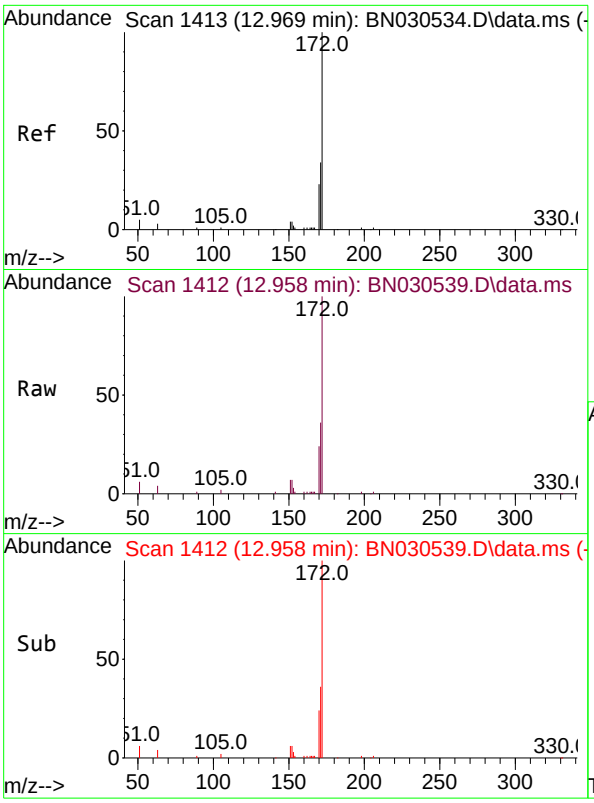


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.836 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:330 Resp: 1303

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	43.2	35.9	53.9



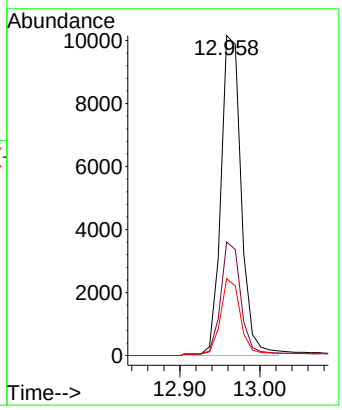


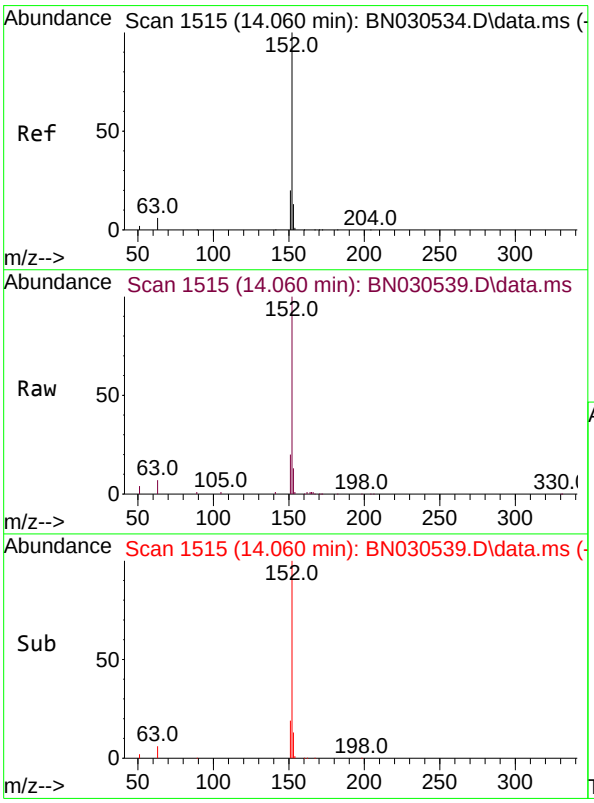
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.958 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16186

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.1	40.7
170	24.0	18.3	27.5

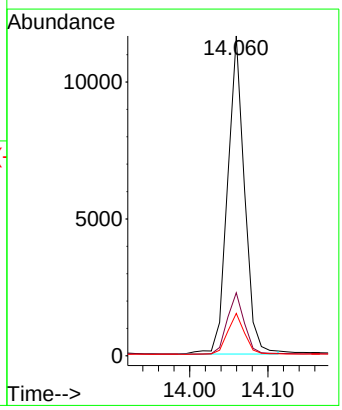


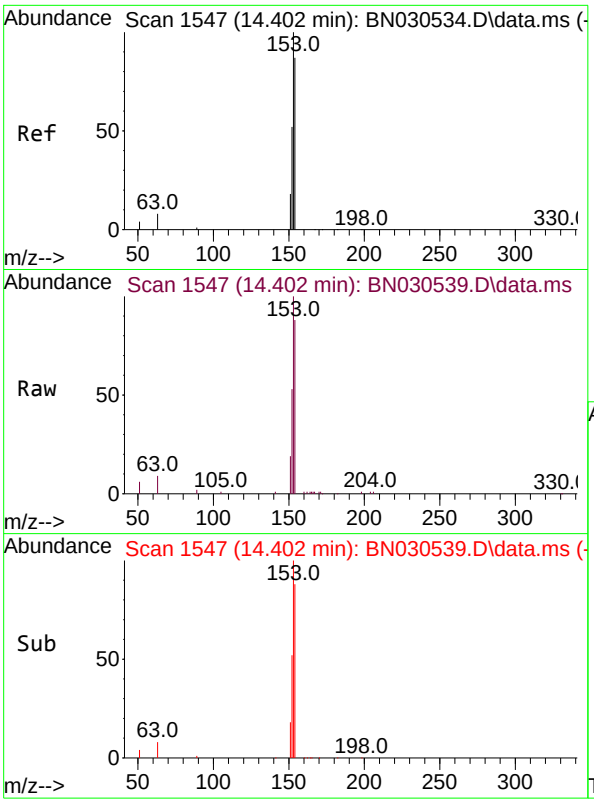


#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.060 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:152 Resp: 17507

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	12.9	10.3	15.5





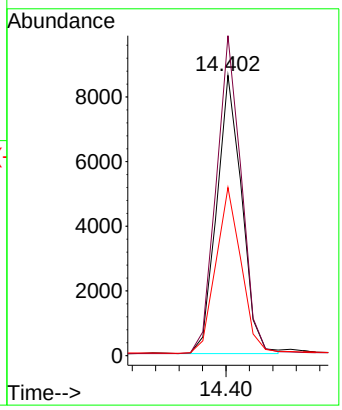
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.402 min Scan# 1

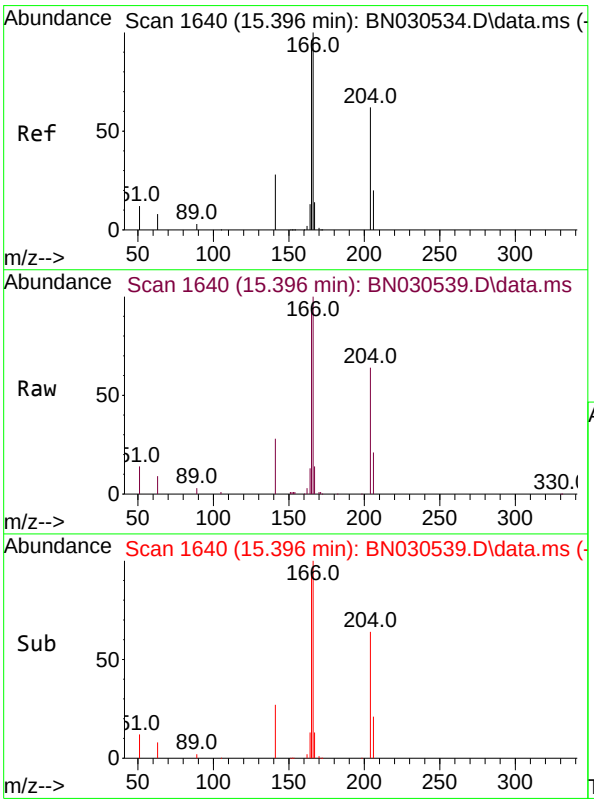
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:154 Resp: 12797

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.0	136.6
152	60.3	47.8	71.6

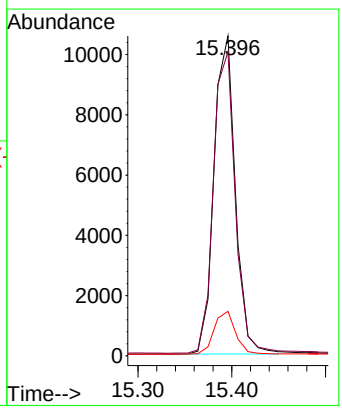


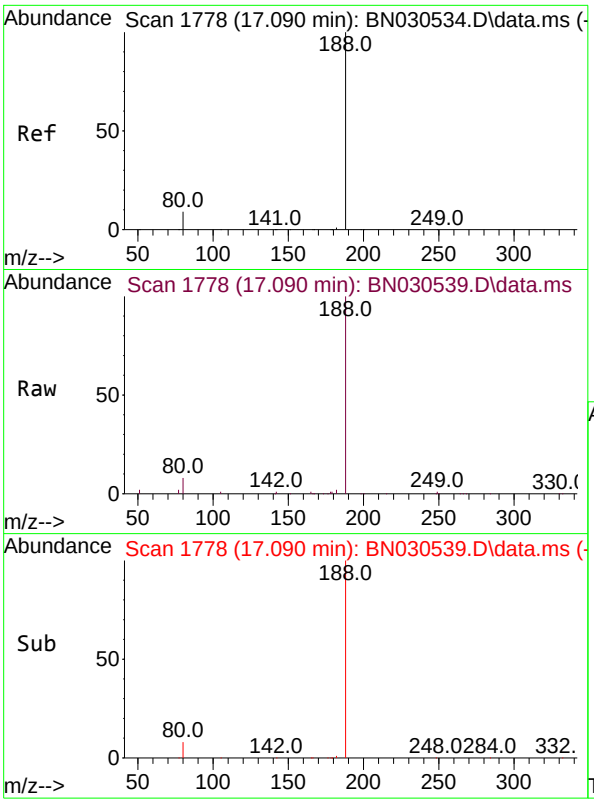


#18
Fluorene
Concen: 0.378 ng
RT: 15.396 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:166 Resp: 16696

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.9	116.9
167	13.5	10.8	16.2



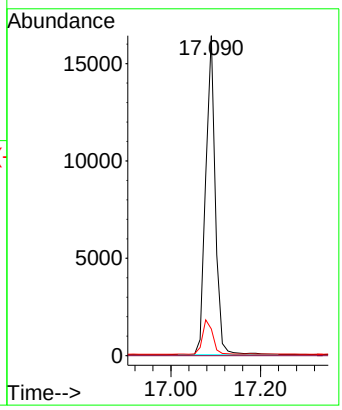


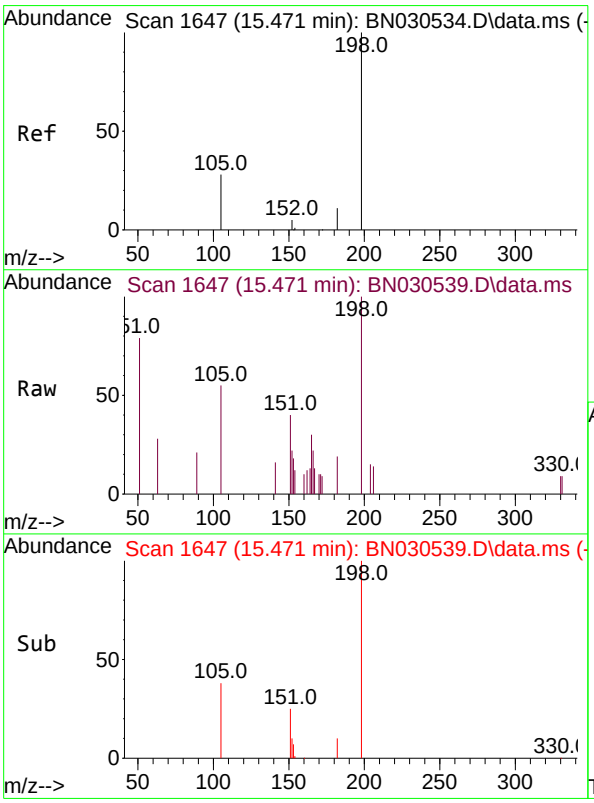
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 24389

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.4	11.0

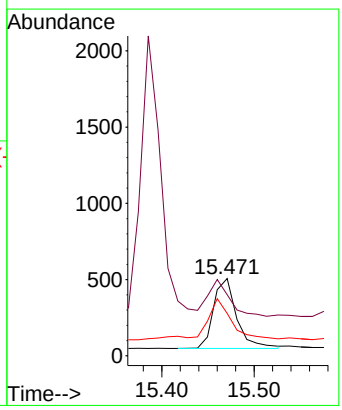


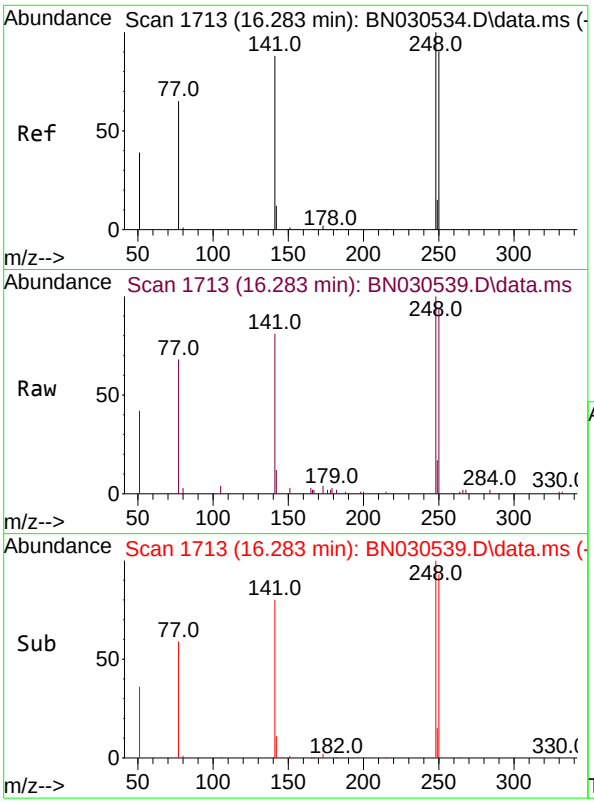


#20
4,6-Dinitro-2-methylphenol
Concen: 0.386 ng
RT: 15.471 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:198 Resp: 806

Ion	Ratio	Lower	Upper
198	100		
51	79.1	57.8	86.6
105	54.8	37.5	56.3



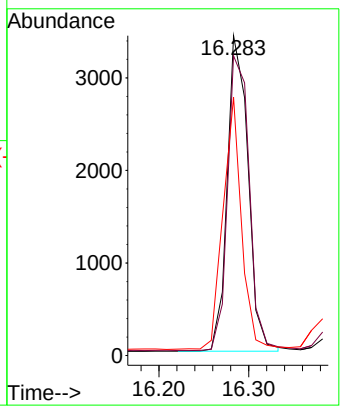


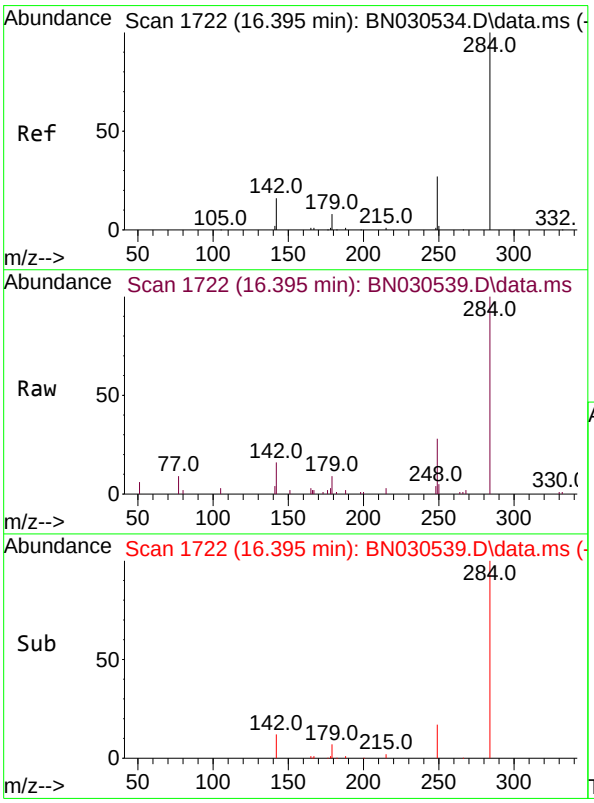
#21
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.283 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 5493

Ion	Ratio	Lower	Upper
248	100		
250	93.7	72.2	108.2
141	80.8	71.1	106.7

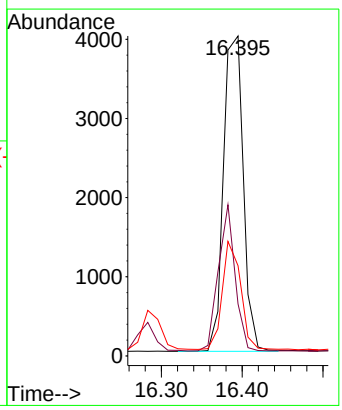


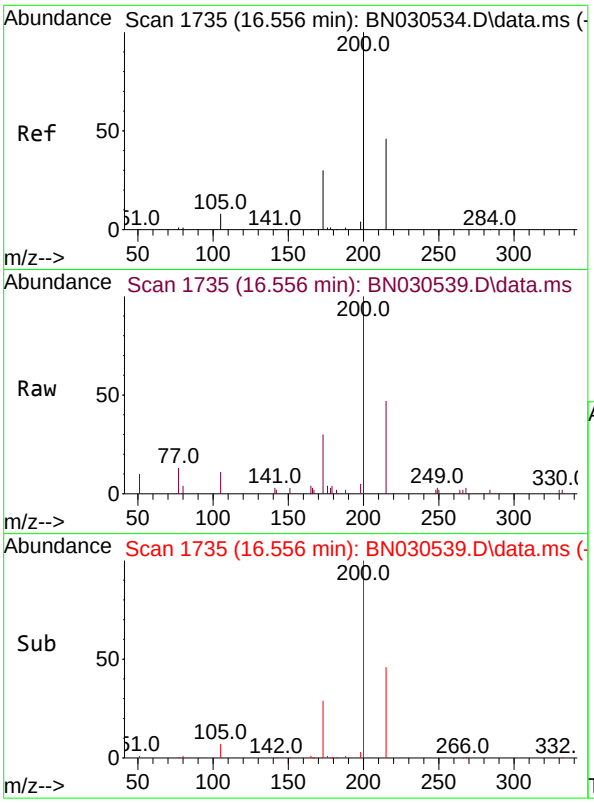


#22
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.395 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:284 Resp: 6795

Ion	Ratio	Lower	Upper
284	100		
142	39.0	31.8	47.6
249	31.5	25.8	38.6



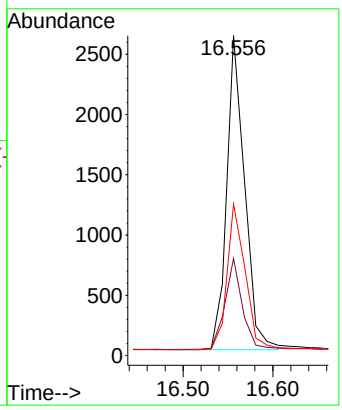


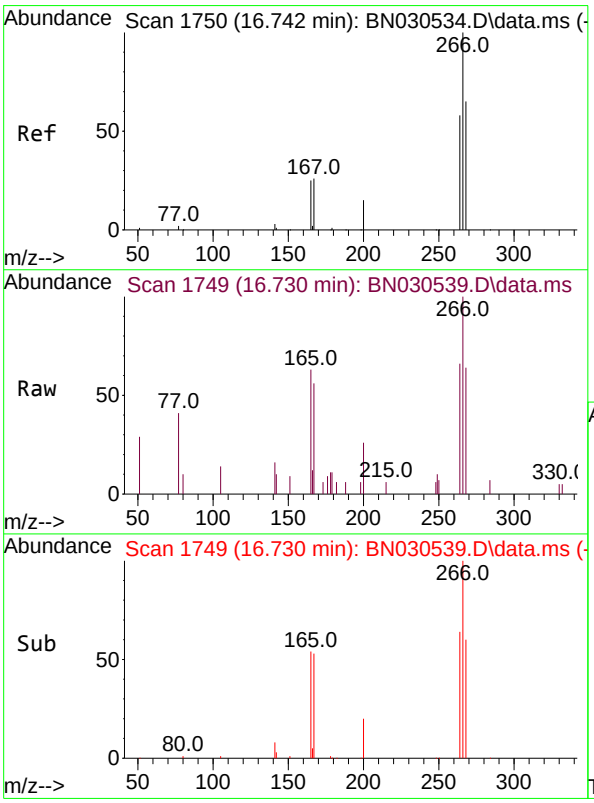
#23
Atrazine
Concen: 0.338 ng
RT: 16.556 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 3621

Ion	Ratio	Lower	Upper
200	100		
173	30.4	25.0	37.6
215	47.4	37.4	56.2

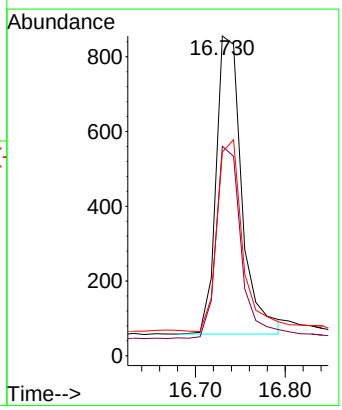


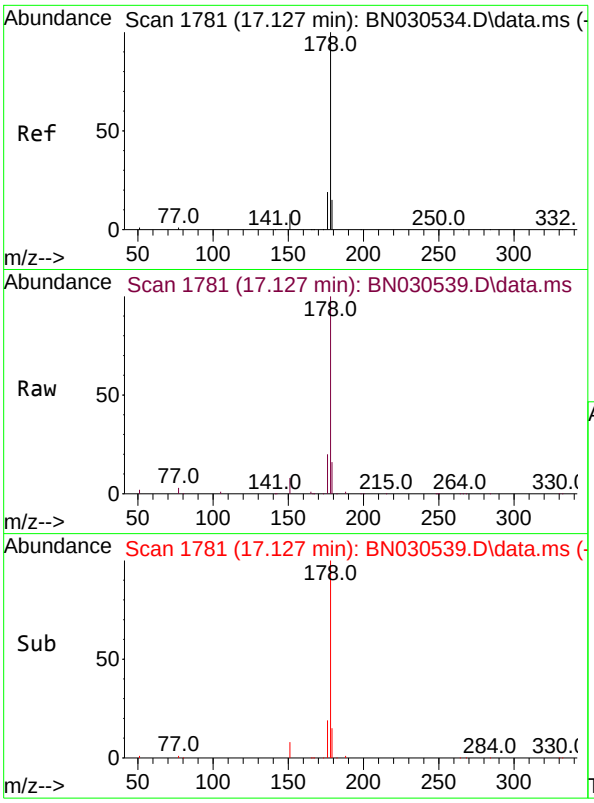


#24
Pentachlorophenol
Concen: 0.390 ng
RT: 16.730 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:266 Resp: 1586

Ion	Ratio	Lower	Upper
266	100		
264	63.4	48.7	73.1
268	63.4	49.5	74.3



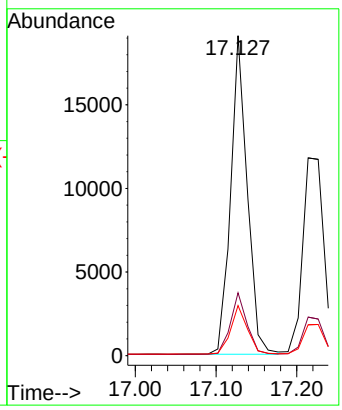


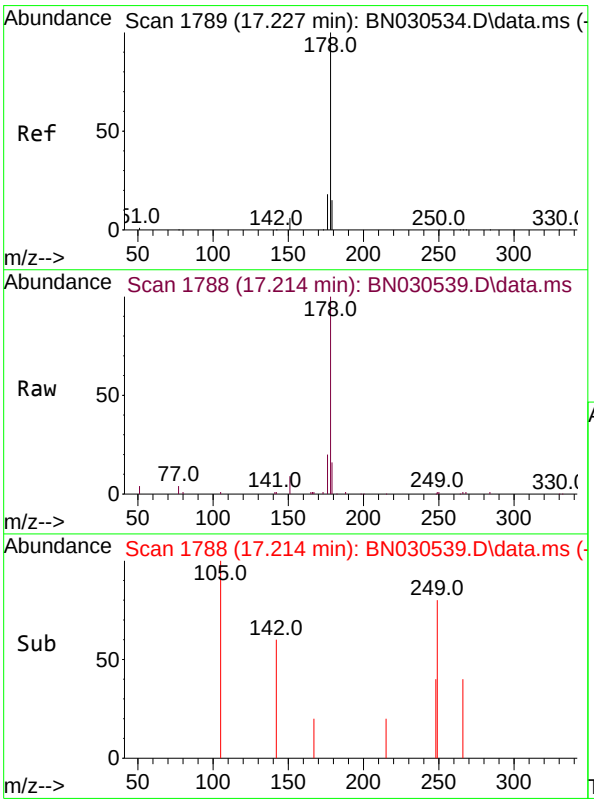
#25
Phenanthrene
Concen: 0.376 ng
RT: 17.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 27193

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6

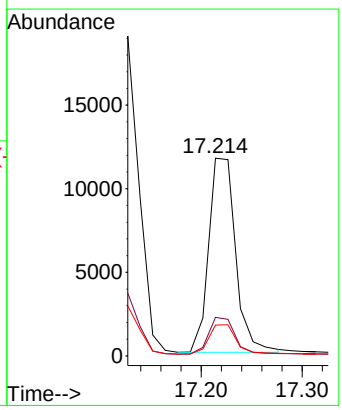


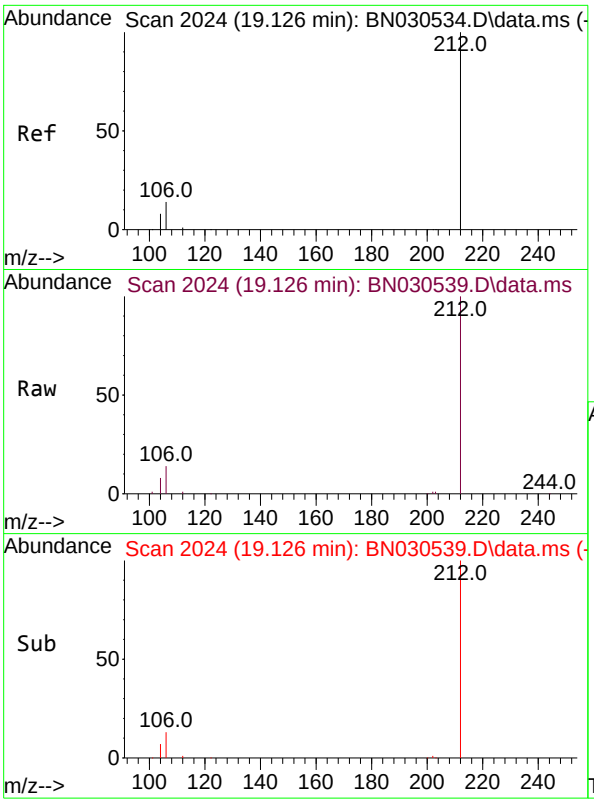


#26
Anthracene
Concen: 0.355 ng
RT: 17.214 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:178 Resp: 21526

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.4



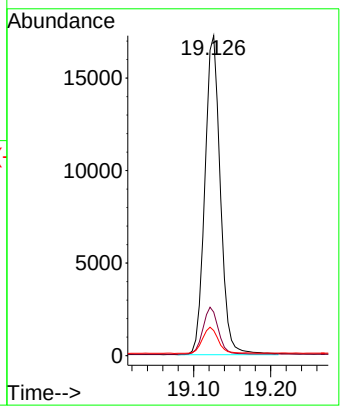


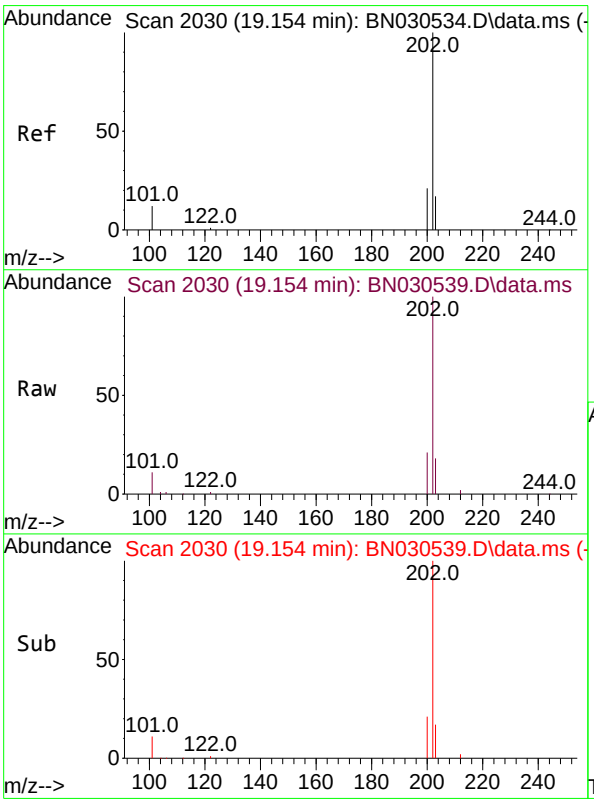
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.126 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 24036

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.8	17.6
104	8.2	6.6	9.8

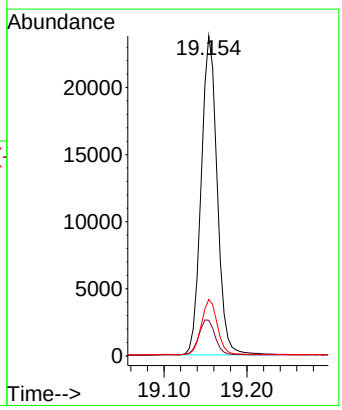


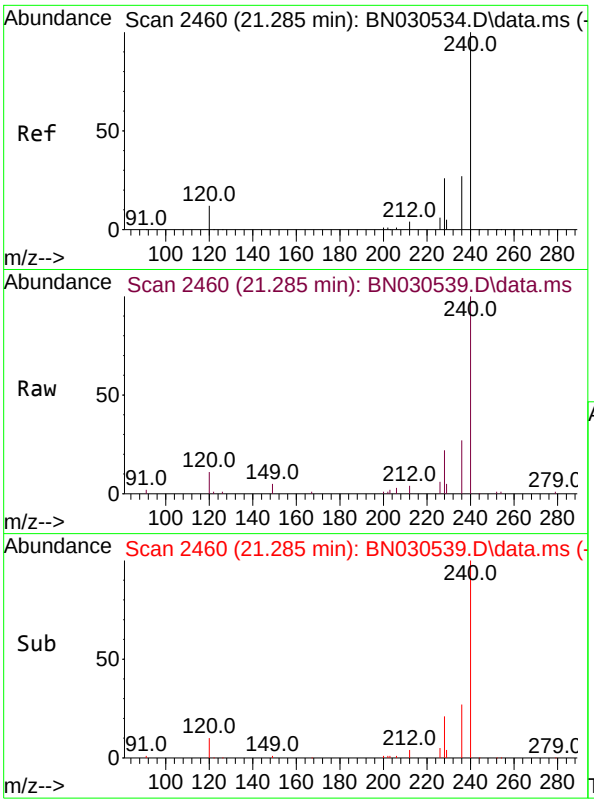


#28
Fluoranthene
Concen: 0.370 ng
RT: 19.154 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:202 Resp: 31777

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.0
203	17.2	13.7	20.5



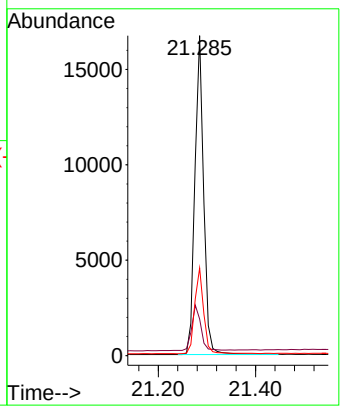


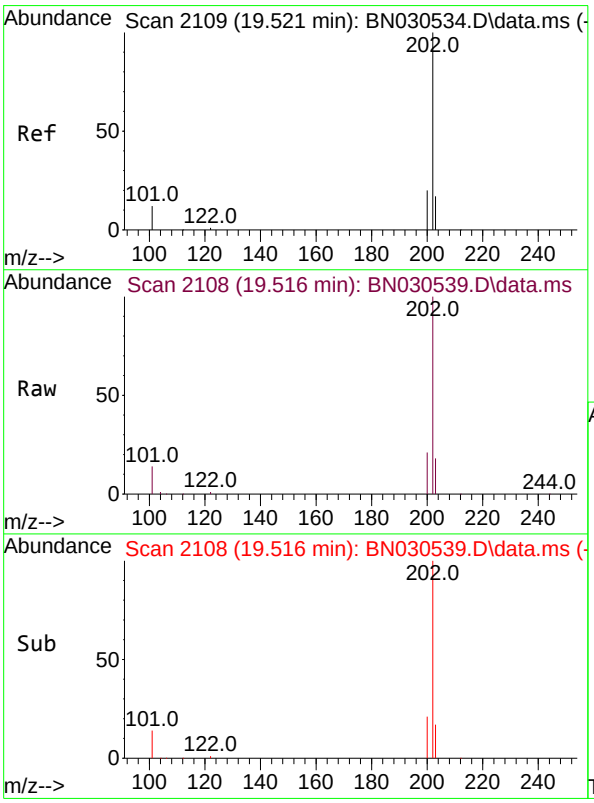
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.285 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21045

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.6	15.8
236	27.4	22.1	33.1

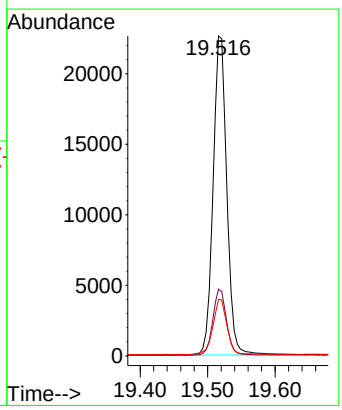


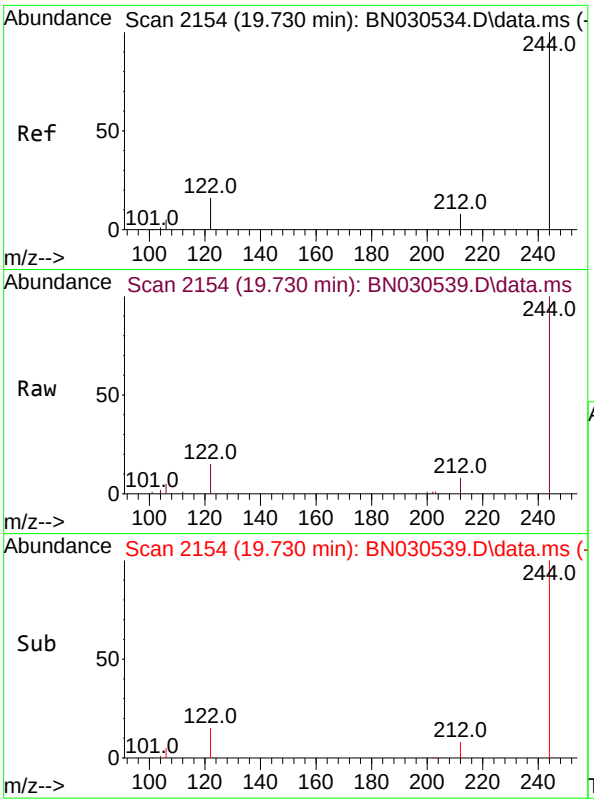


#30
Pyrene
Concen: 0.387 ng
RT: 19.516 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:202 Resp: 31906

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.8	14.2	21.4



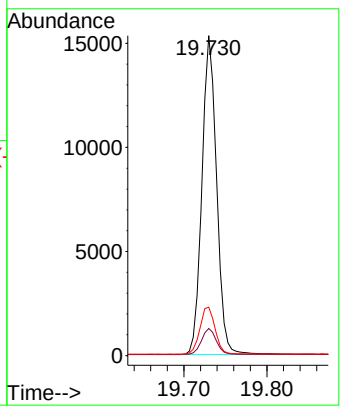


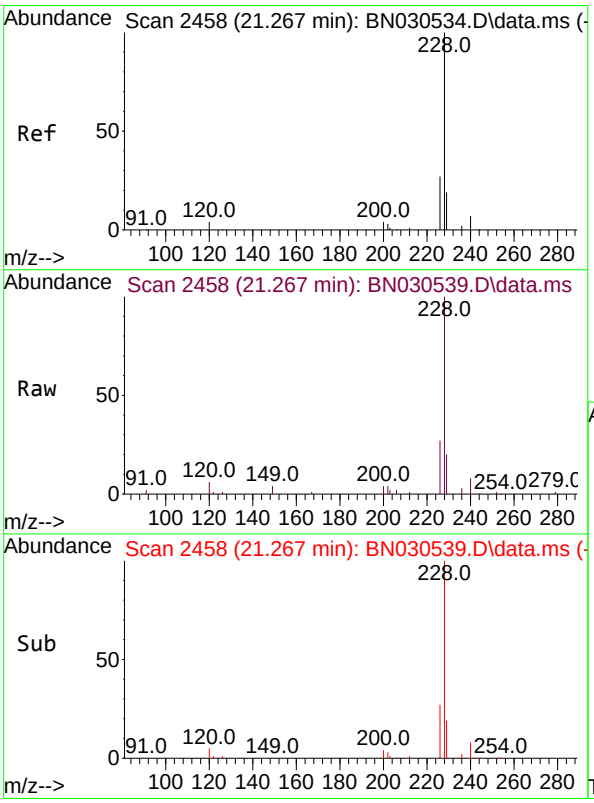
#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 18758

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	15.1	12.7	19.1

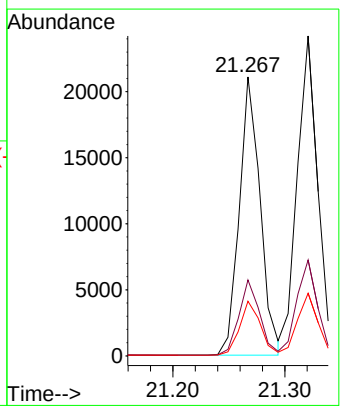


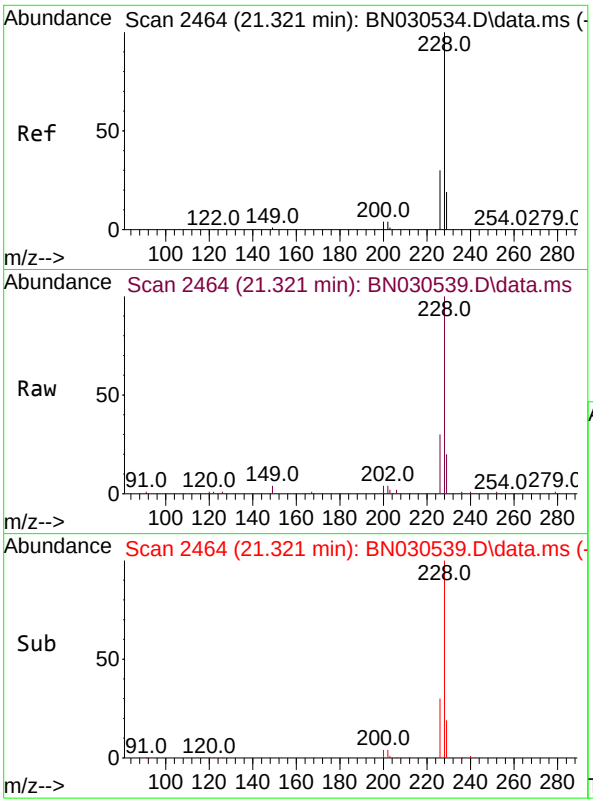


#32
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.267 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:228 Resp: 27333

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.6	15.4	23.2



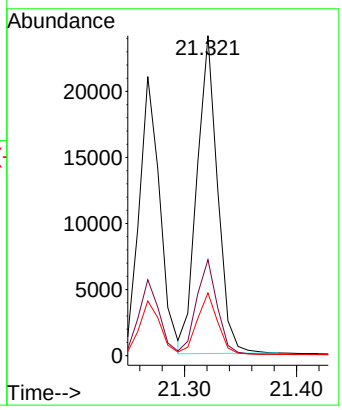


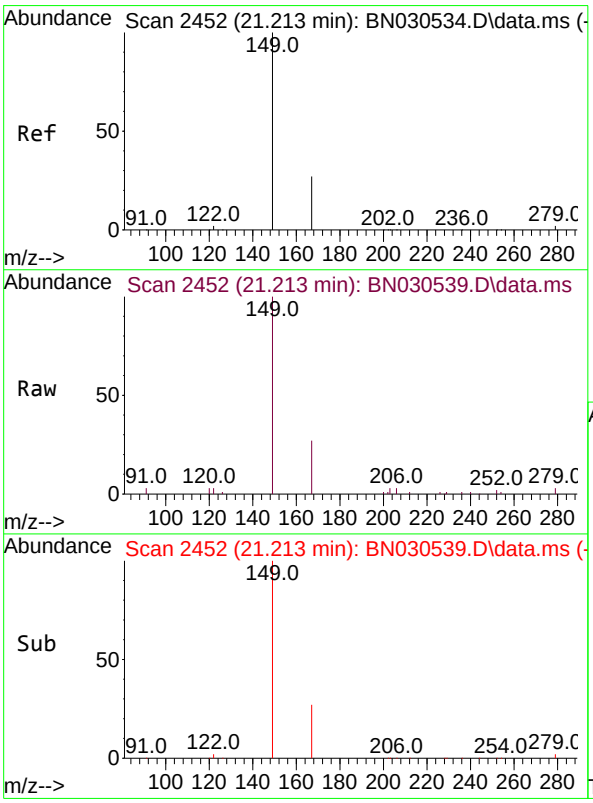
#33
Chrysene
Concen: 0.385 ng
RT: 21.321 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 30795

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.6	15.8	23.6

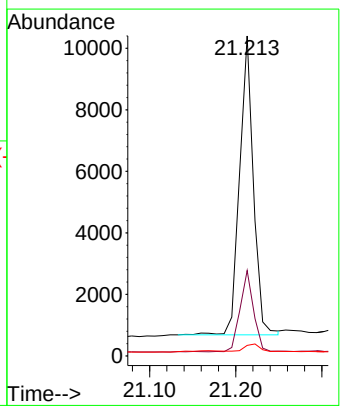


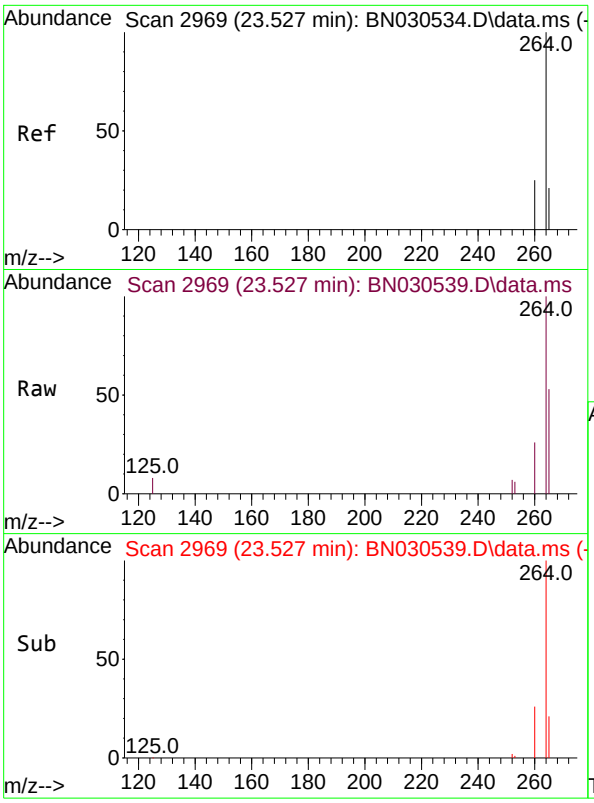


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.213 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:149 Resp: 10805

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	2.9	2.3	3.5



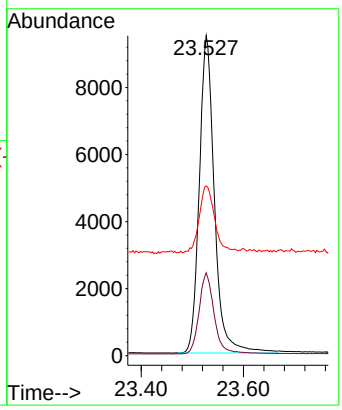


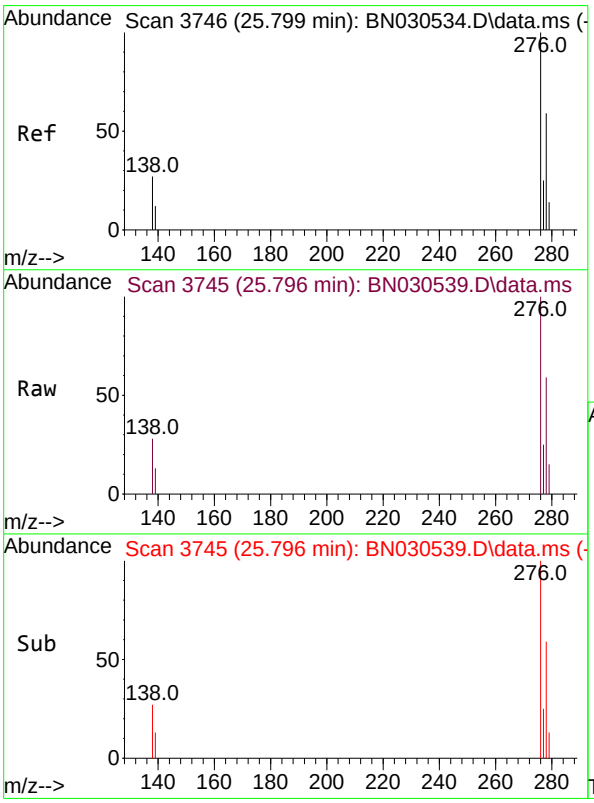
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.527 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 19444

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.6	30.8
265	53.1	41.8	62.8

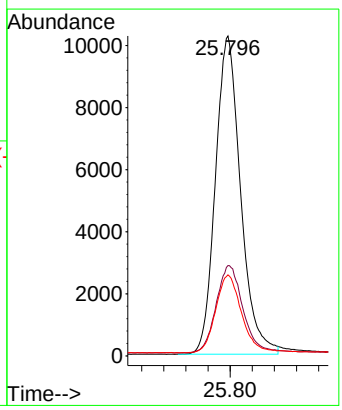


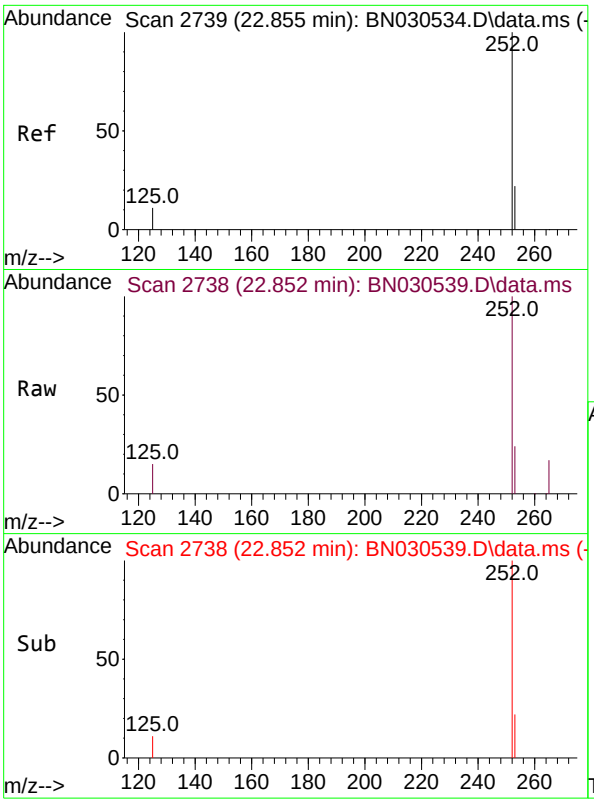


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.796 min Scan# 3745
Delta R.T. -0.003 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:276 Resp: 32413

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.0	34.4
277	25.0	20.1	30.1



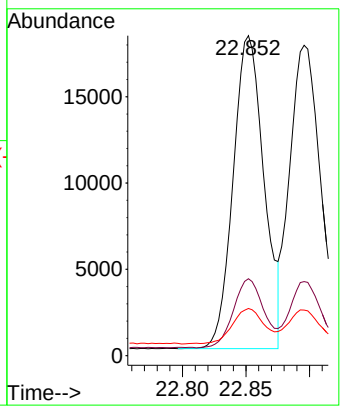


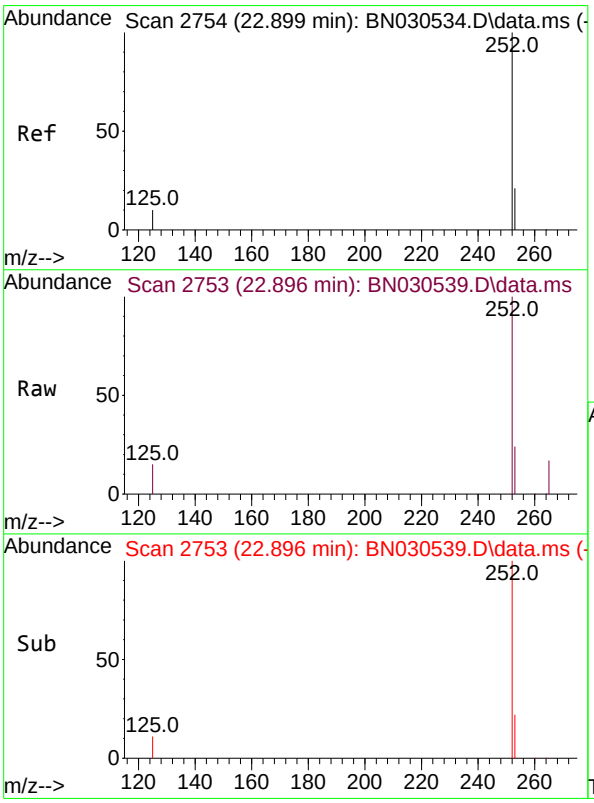
#37
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 22.852 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 30685

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	14.7	11.7	17.5

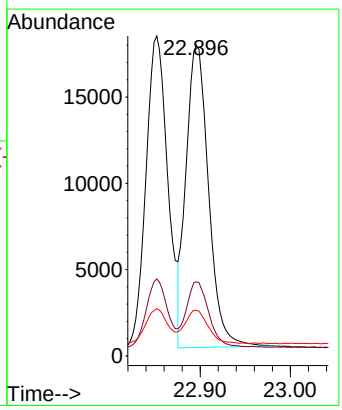


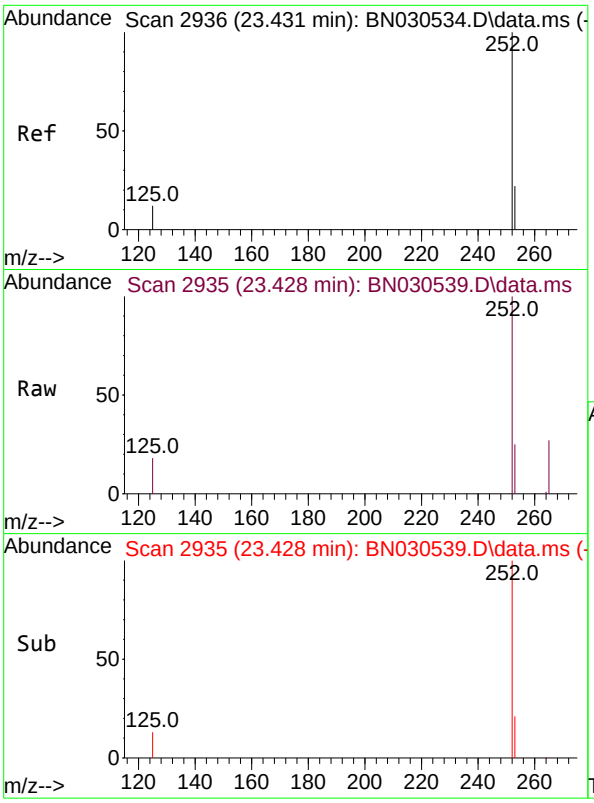


#38
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.896 min Scan# 2753
Delta R.T. -0.003 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:252 Resp: 30459

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	14.7	11.5	17.3



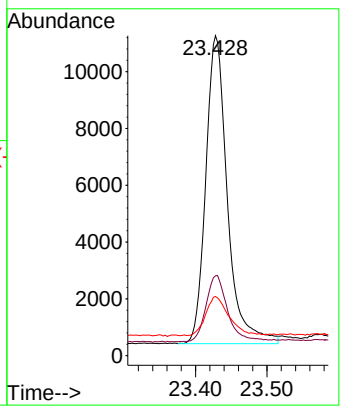


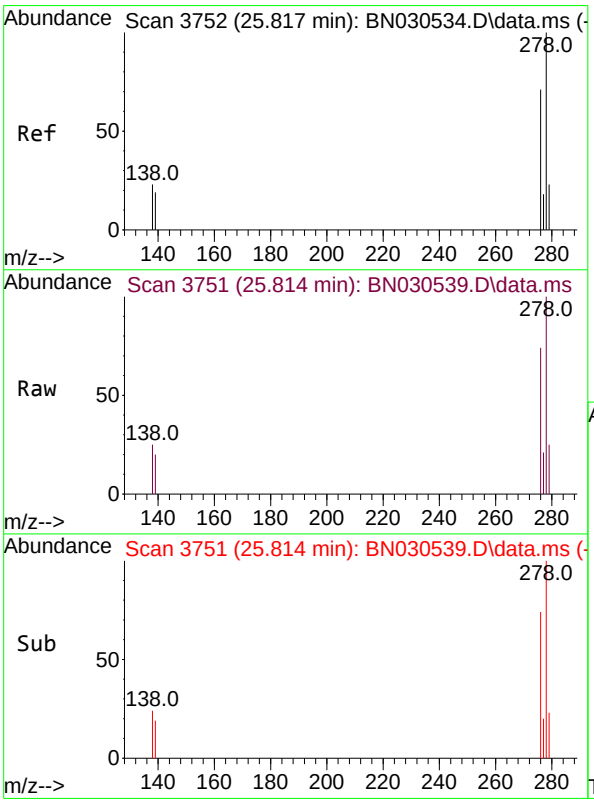
#39
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.428 min Scan# 29
Delta R.T. -0.003 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 22819

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.0	30.0
125	18.5	14.3	21.5

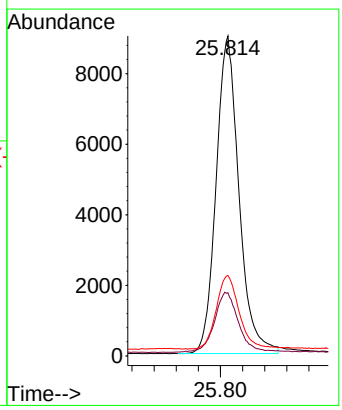


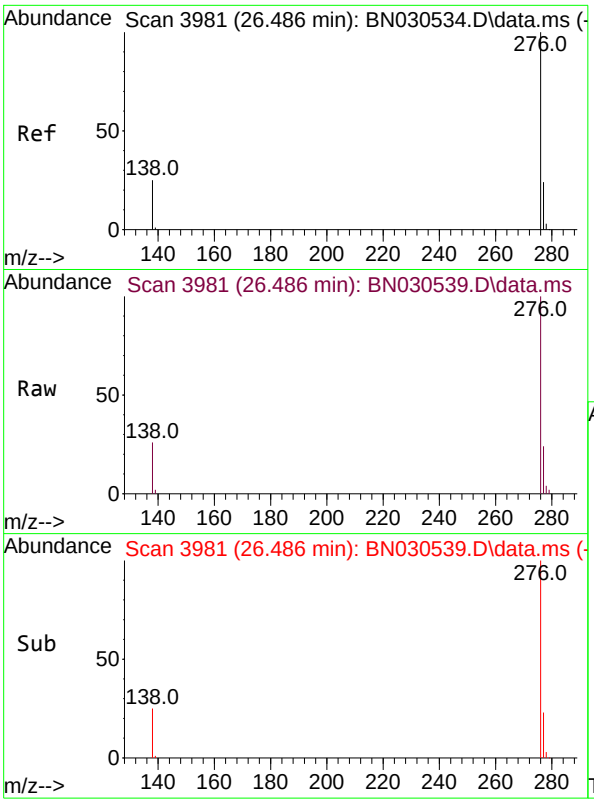


#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 25.814 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Tgt Ion:278 Resp: 25845

Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.2	24.2
279	25.1	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 26.486 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030539.D
Acq: 29 Mar 2024 20:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 27940

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.6
138	25.8	20.6	31.0