Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034139.D
Acq On : 22 Sep 2024 00:34
Operator : JU/RC
Sample : PB163558BS
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Quant Time: Sep 23 00:02:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	7927	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	23461	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	13253	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	29429	0.400	ng	0.00
29) Chrysene-d12	21.044	240	21351	0.400	ng	-0.01
35) Perylene-d12	23.168	264	19707	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	7345	0.326	ng	-0.01
5) Phenol-d6	6.622	99	8777	0.335	ng	-0.01
8) Nitrobenzene-d5	8.568	82	7059	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	12849	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1921	0.320	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	21261	0.394	ng	-0.02
27) Fluoranthene-d10	18.871	212	27179	0.366	ng	-0.02
31) Terphenyl-d14	19.494	244	15890	0.373	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	3785	0.382	ng	# 87
3) n-Nitrosodimethylamine	3.372	42	5341	0.473	ng	# 80
6) bis(2-Chloroethyl)ether	6.867	93	8931	0.386	ng	97
9) Naphthalene	10.233	128	25631	0.398	ng	99
10) Hexachlorobutadiene	10.522	225	4866	0.401	ng	# 99
12) 2-Methylnaphthalene	11.855	142	16657	0.398	ng	99
16) Acenaphthylene	13.784	152	22729	0.401	ng	100
17) Acenaphthene	14.137	154	16604	0.408	ng	100
18) Fluorene	15.131	166	21871	0.410	ng	100
20) 4,6-Dinitro-2-methylph...	15.227	198	1547	0.421	ng	# 54
21) 4-Bromophenyl-phenylether	16.039	248	6662	0.403	ng	96
22) Hexachlorobenzene	16.138	284	7421	0.400	ng	94
23) Atrazine	16.324	200	4951	0.361	ng	98
24) Pentachlorophenol	16.486	266	2402	0.392	ng	99
25) Phenanthrene	16.870	178	34513	0.408	ng	100
26) Anthracene	16.957	178	28221	0.409	ng	100
28) Fluoranthene	18.904	202	38793	0.396	ng	99
30) Pyrene	19.266	202	39278	0.436	ng	100
32) Benzo(a)anthracene	21.035	228	27933	0.414	ng	99
33) Chrysene	21.080	228	33514	0.416	ng	100
34) Bis(2-ethylhexyl)phtha...	21.008	149	2109	0.075	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.250	276	29821	0.353	ng	99
37) Benzo(b)fluoranthene	22.543	252	30969	0.401	ng	97
38) Benzo(k)fluoranthene	22.584	252	35113	0.433	ng	97
39) Benzo(a)pyrene	23.078	252	24927	0.396	ng	95
40) Dibenzo(a,h)anthracene	25.265	278	22853	0.348	ng	99
41) Benzo(g,h,i)perylene	25.881	276	24127	0.327	ng	99

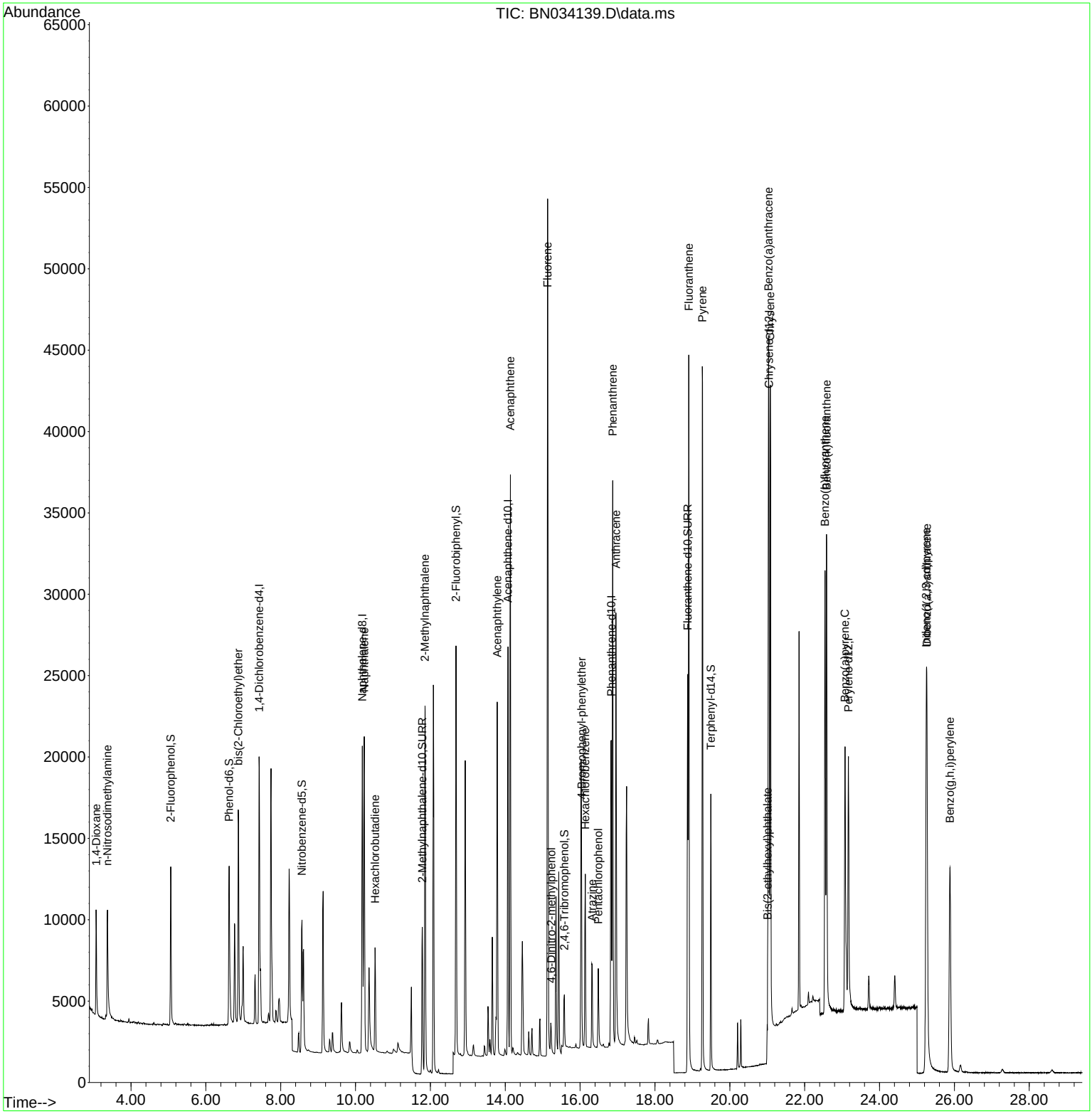
(#) = qualifier out of range (m) = manual integration (+) = signals summed

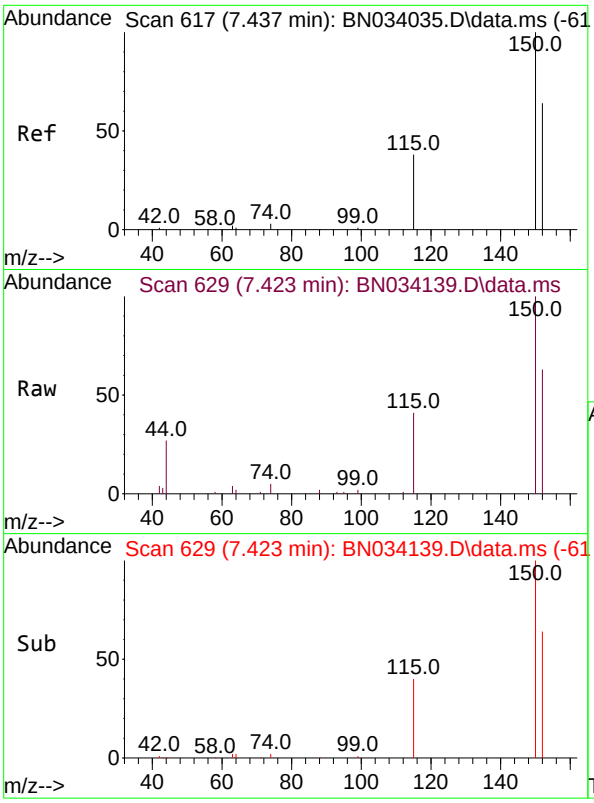
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034139.D
Acq On : 22 Sep 2024 00:34
Operator : JU/RC
Sample : PB163558BS
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Quant Time: Sep 23 00:02:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



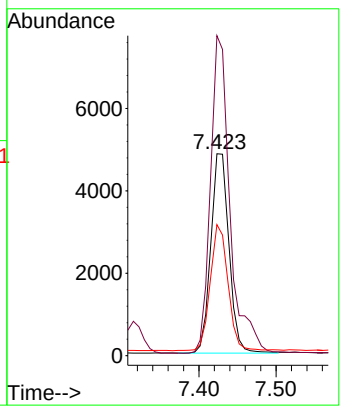


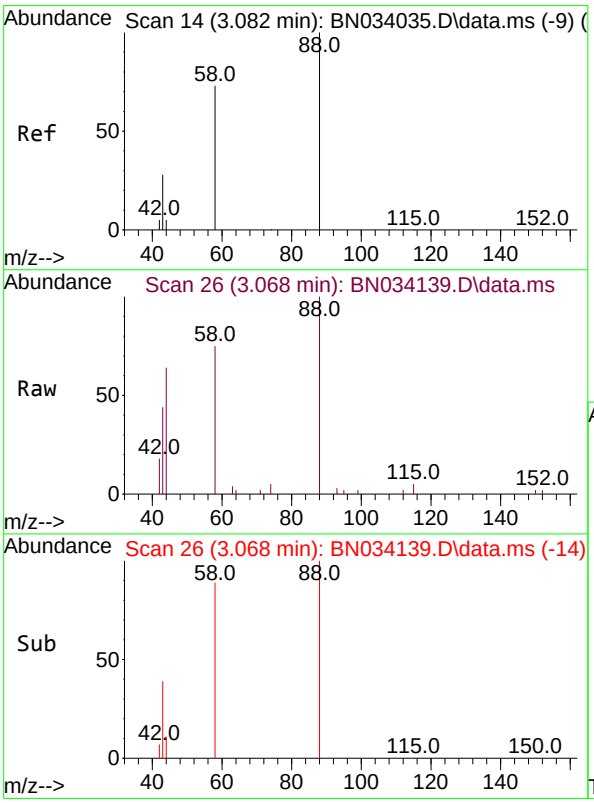
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:152 Resp: 7927

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	187.0
115	64.9	50.0	75.0

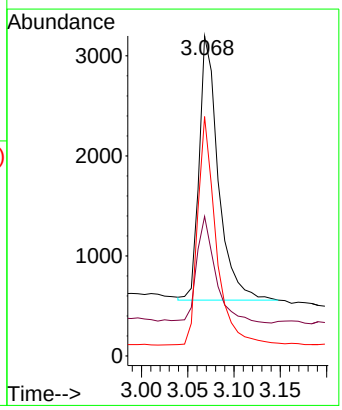


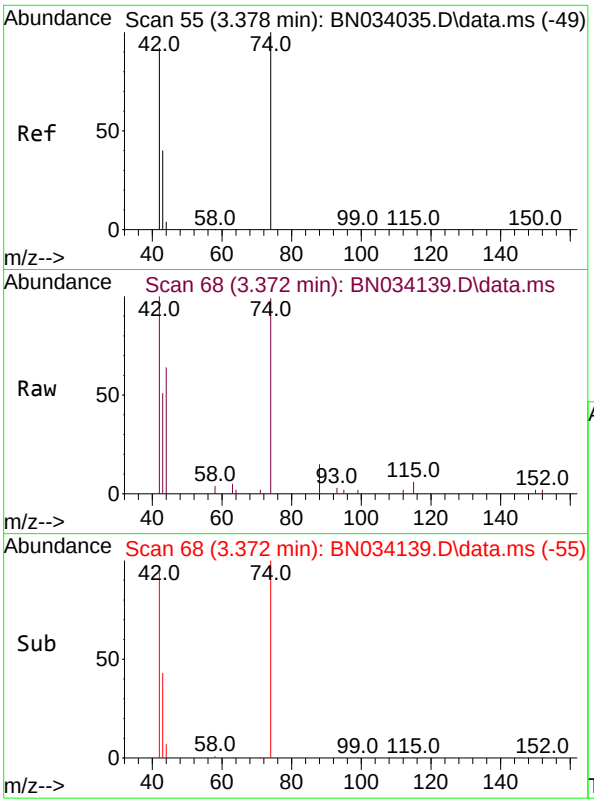


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion: 88 Resp: 3785

Ion	Ratio	Lower	Upper
88	100		
43	40.7	25.8	38.8#
58	83.9	58.8	88.2



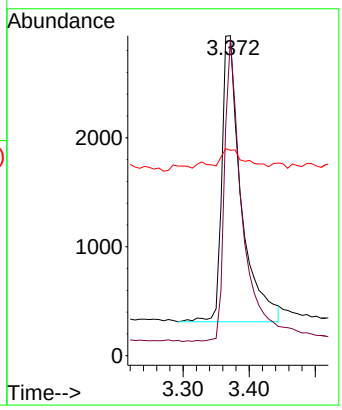


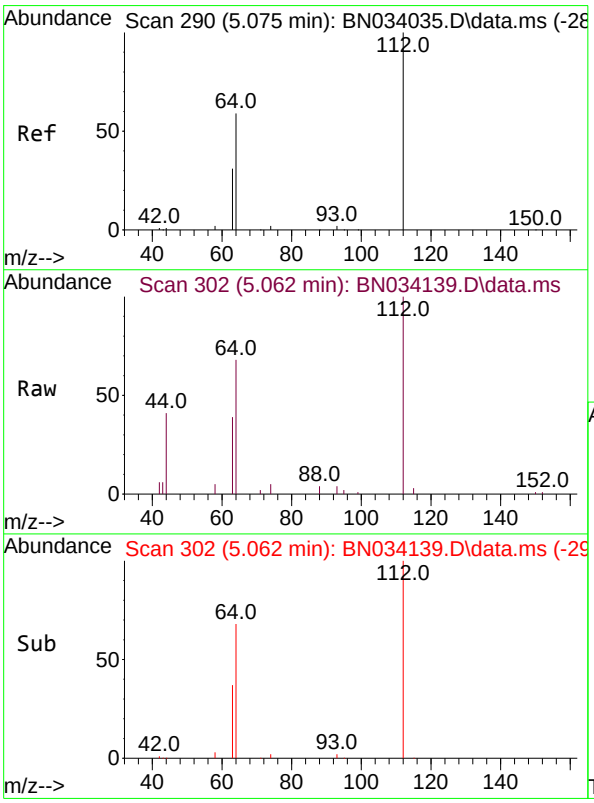
#3
n-Nitrosodimethylamine
Concen: 0.473 ng
RT: 3.372 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion: 42 Resp: 5341

Ion	Ratio	Lower	Upper
42	100		
74	95.9	94.6	142.0
44	7.0	12.4	18.6#

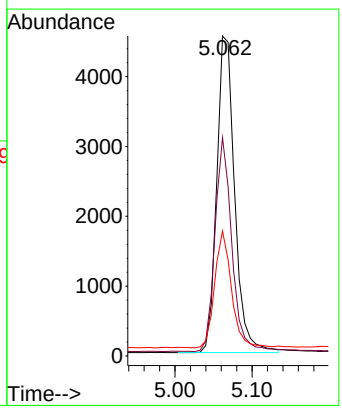


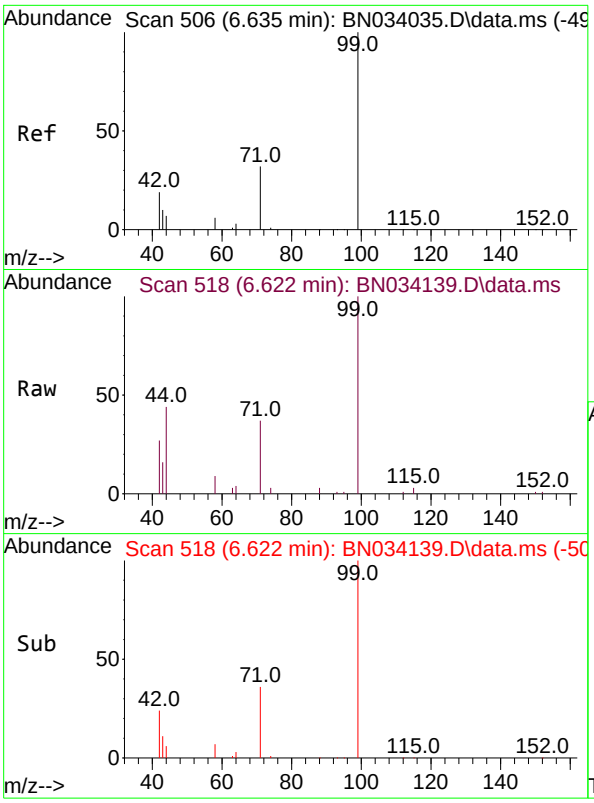


#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.062 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:112 Resp: 7345

Ion	Ratio	Lower	Upper
112	100		
64	63.3	48.6	72.8
63	34.6	25.6	38.4



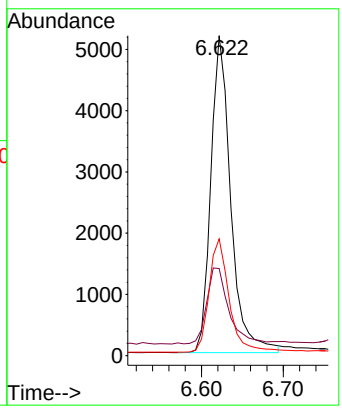


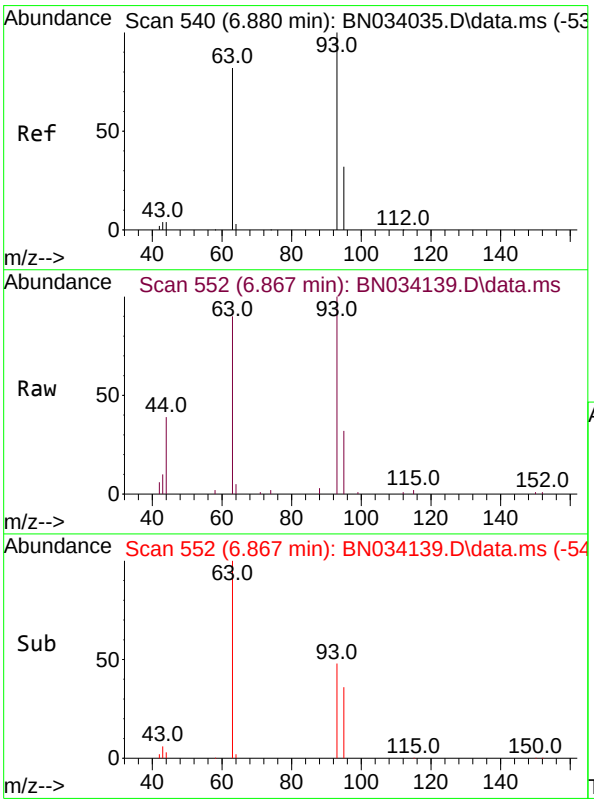
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.622 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion: 99 Resp: 8777

Ion	Ratio	Lower	Upper
99	100		
42	26.8	17.8	26.8#
71	36.0	26.2	39.2

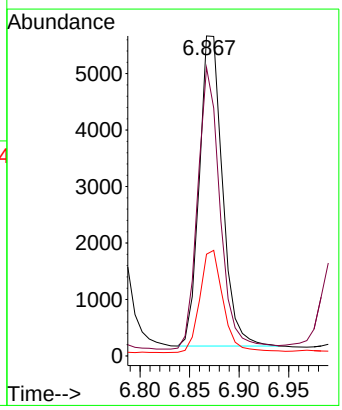


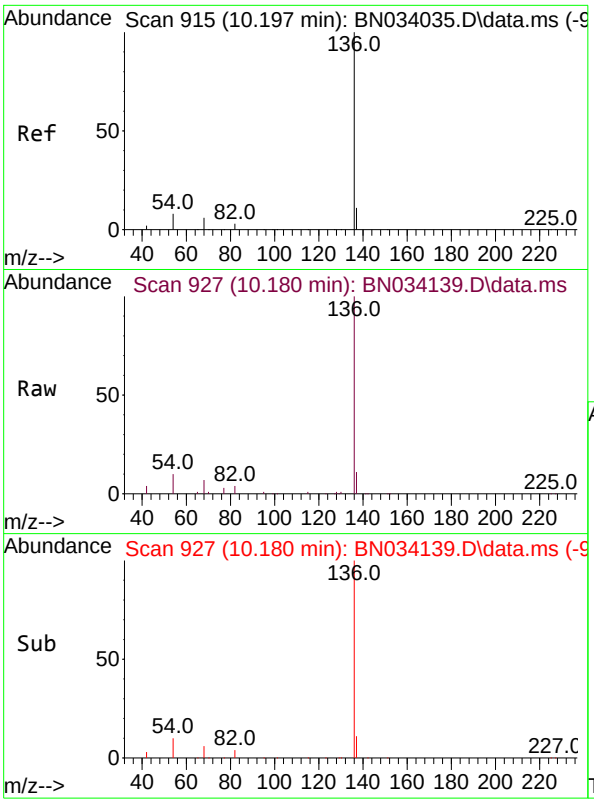


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 6.867 min Scan# 552
Delta R.T. -0.013 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion: 93 Resp: 8931

Ion	Ratio	Lower	Upper
93	100		
63	88.3	67.3	100.9
95	33.4	26.8	40.2



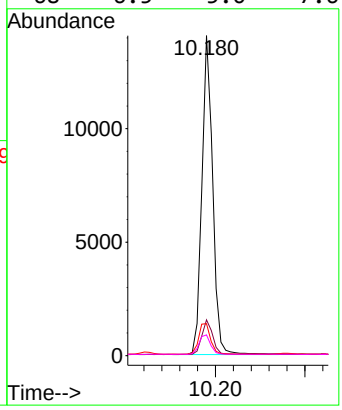


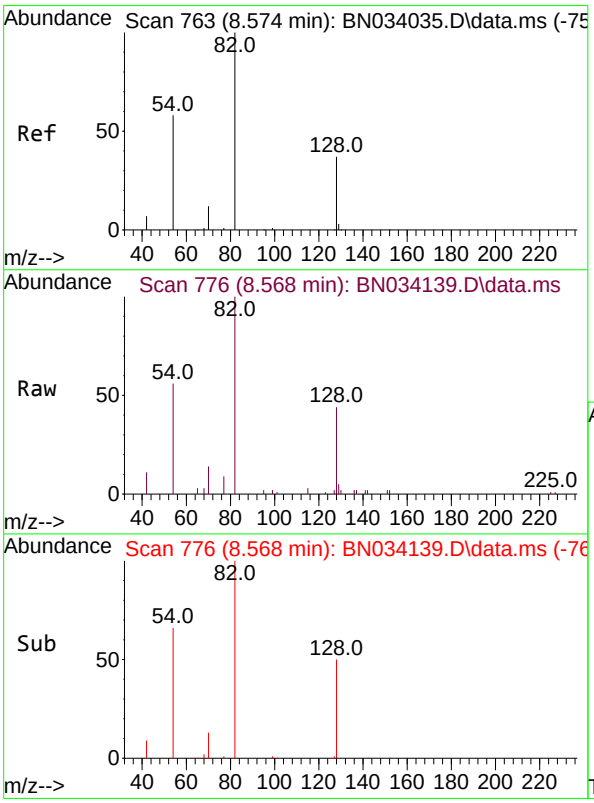
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 9
Delta R.T. -0.017 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:136 Resp: 23461

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.0	6.8	10.2
68	6.5	5.0	7.6

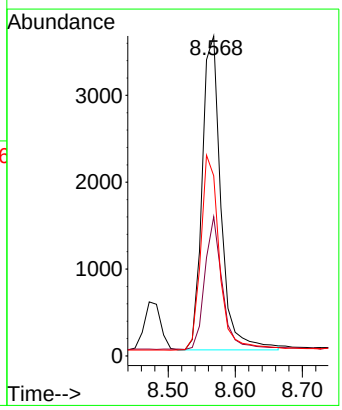


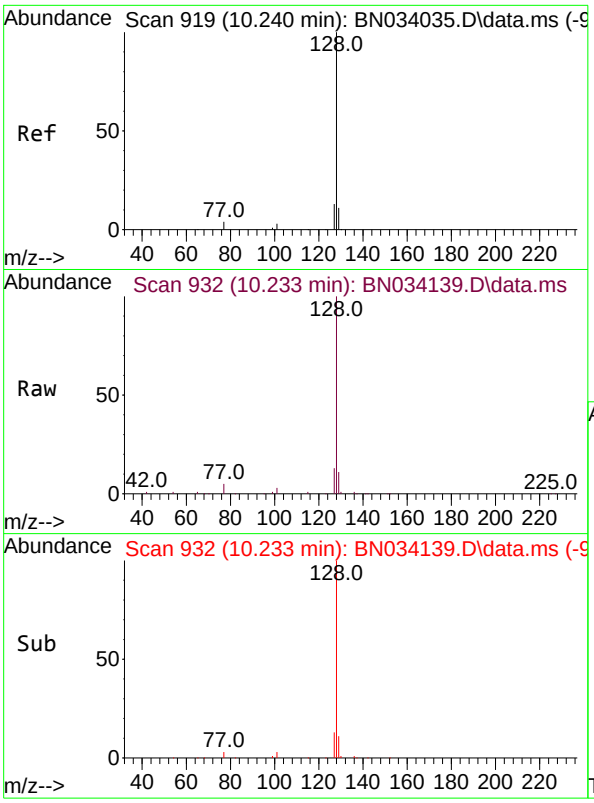


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion: 82 Resp: 7059

Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.4	47.2
54	56.3	47.4	71.0



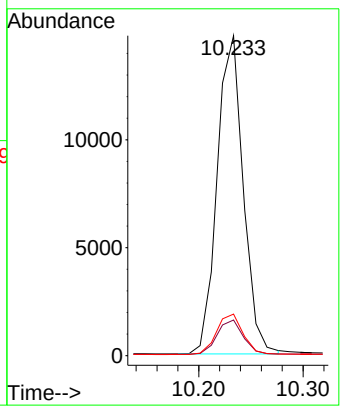


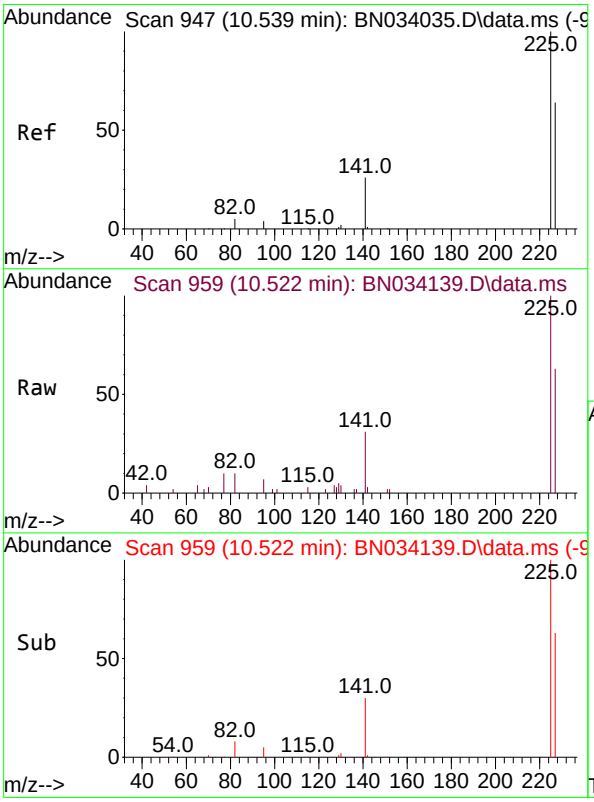
#9
Naphthalene
Concen: 0.398 ng
RT: 10.233 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:128 Resp: 25631

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	13.0	10.7	16.1

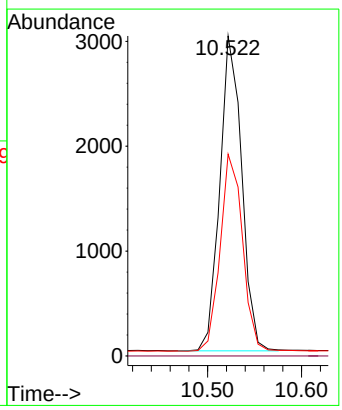


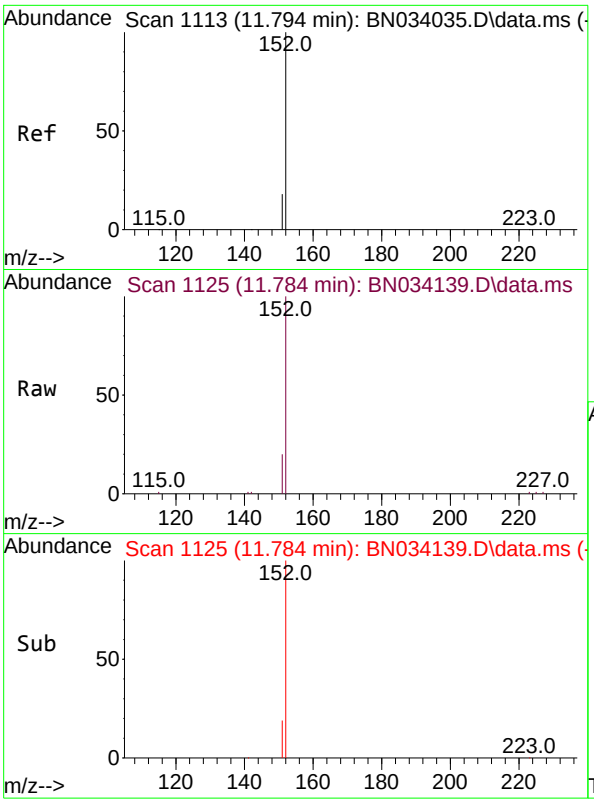


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.522 min Scan# 959
Delta R.T. -0.017 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:225 Resp: 4866

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



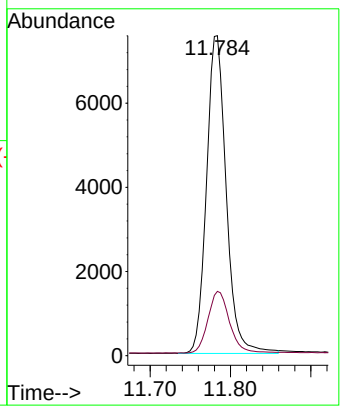


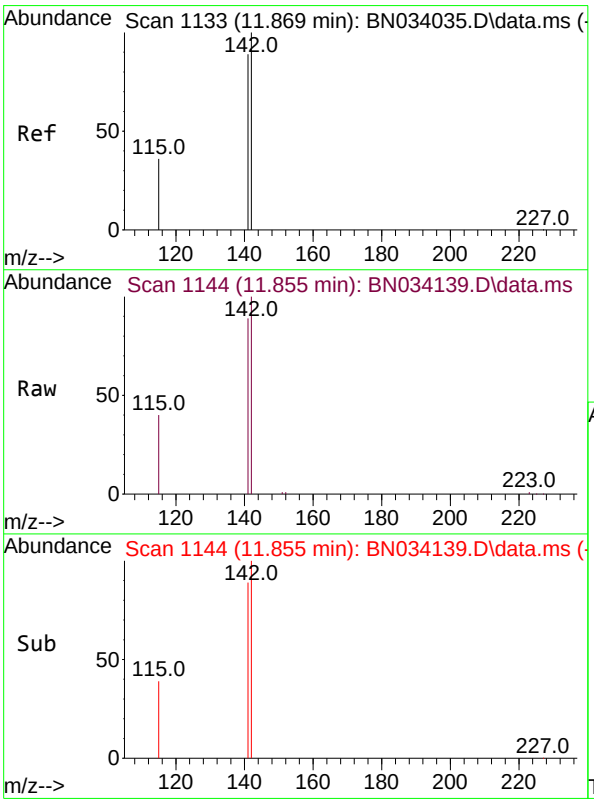
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 11.784 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:152 Resp: 12849

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2

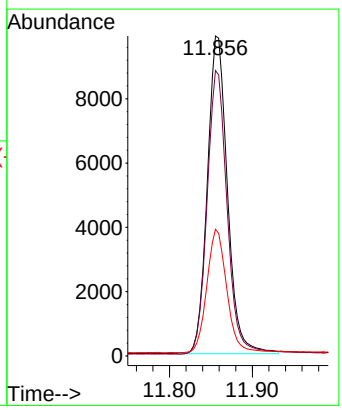


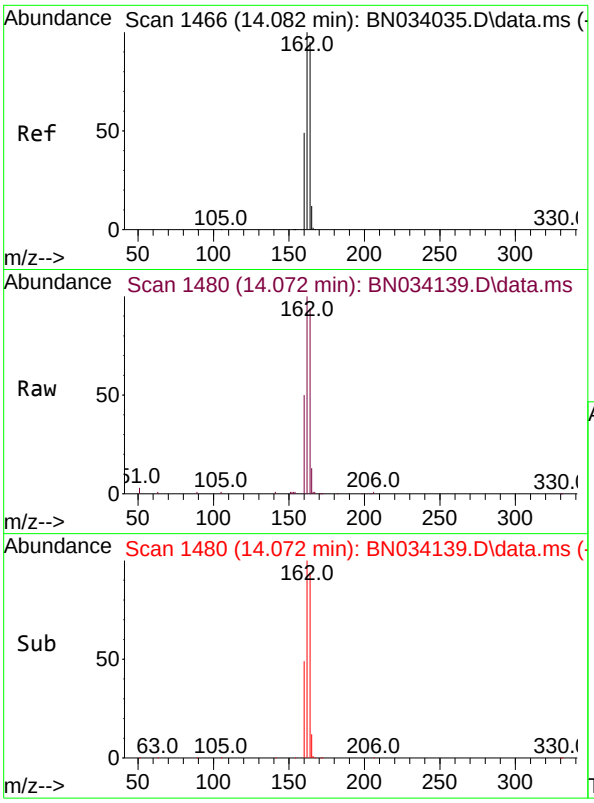


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 11.855 min Scan# 1144
Delta R.T. -0.014 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:142 Resp: 16657

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	39.6	30.0	45.0



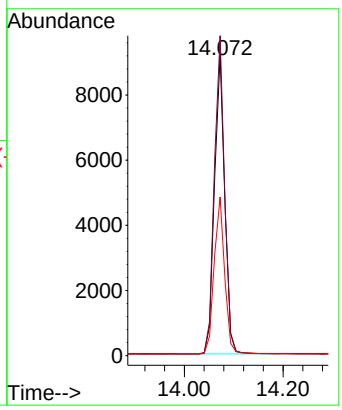


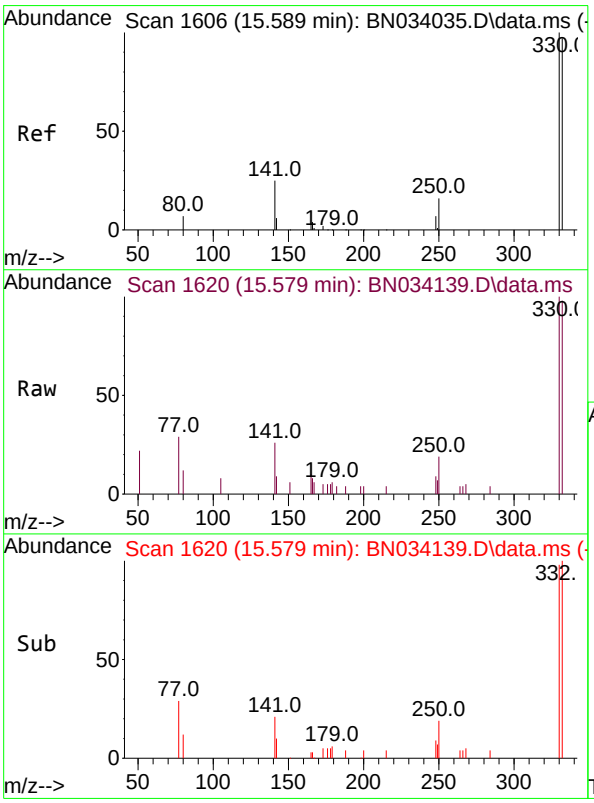
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:164 Resp: 13253

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.2	126.2
160	52.8	41.7	62.5

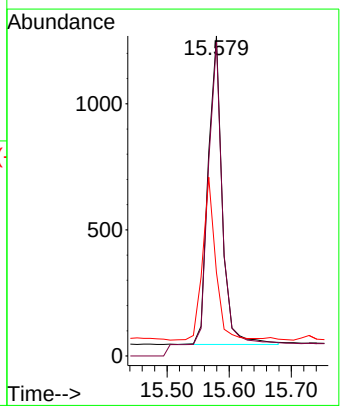


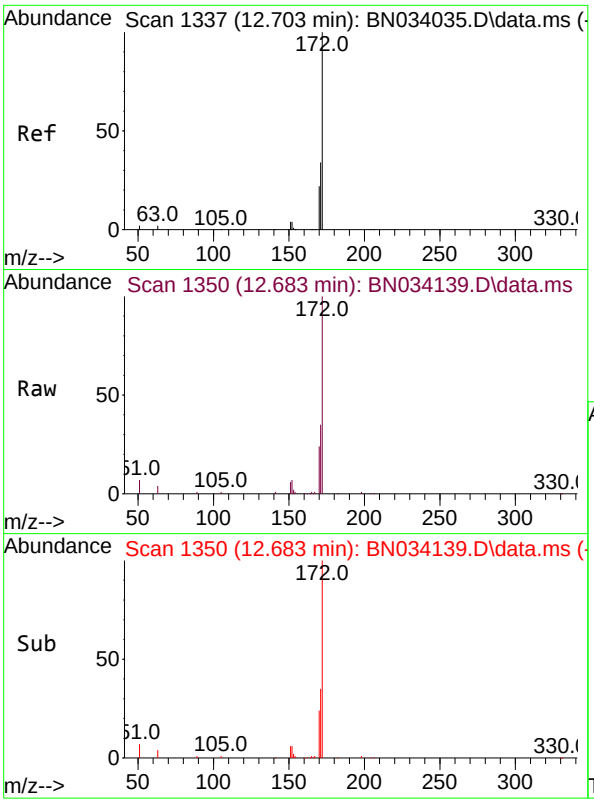


#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.579 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:330 Resp: 1921

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	49.3	35.9	53.9



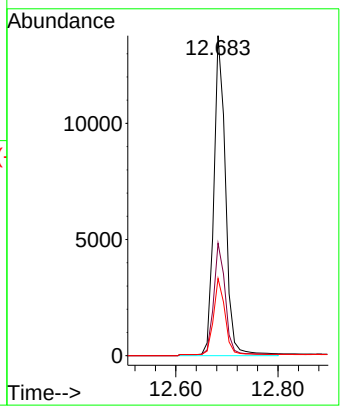


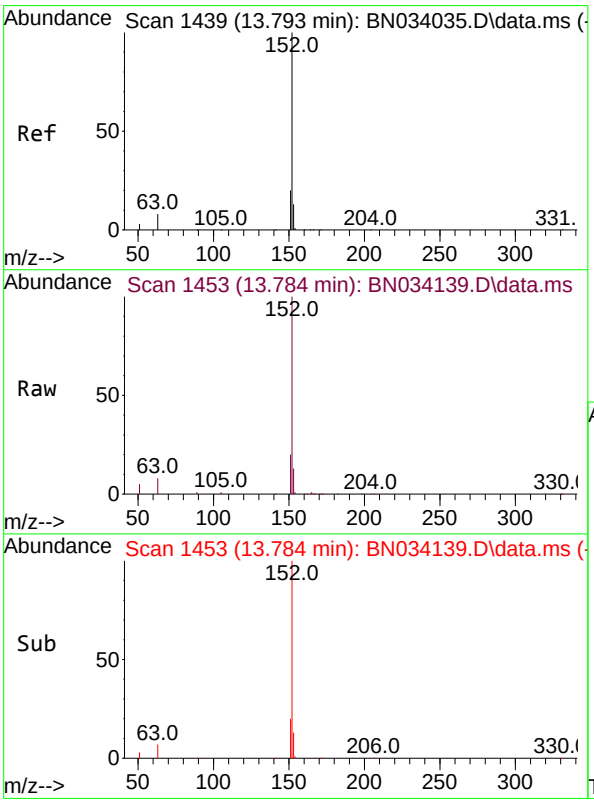
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.683 min Scan# 1
Delta R.T. -0.020 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:172 Resp: 21261

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	24.2	18.1	27.1

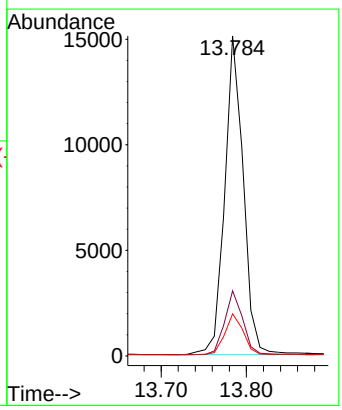


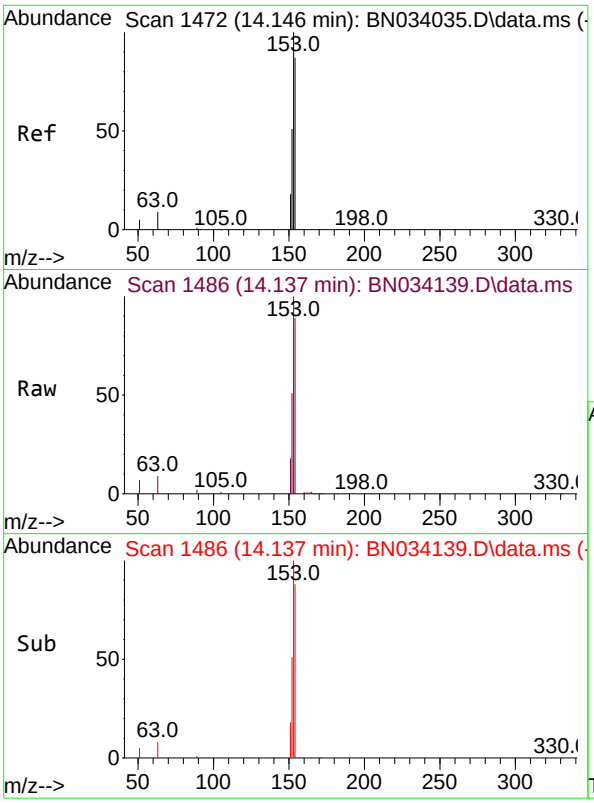


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.784 min Scan# 1453
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:152 Resp: 22729

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	12.9	10.3	15.5



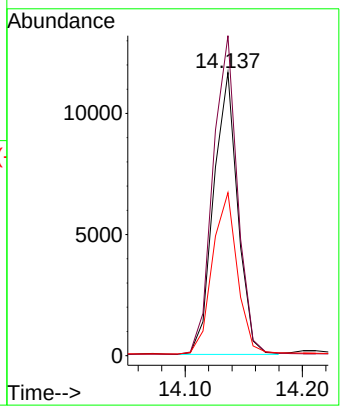


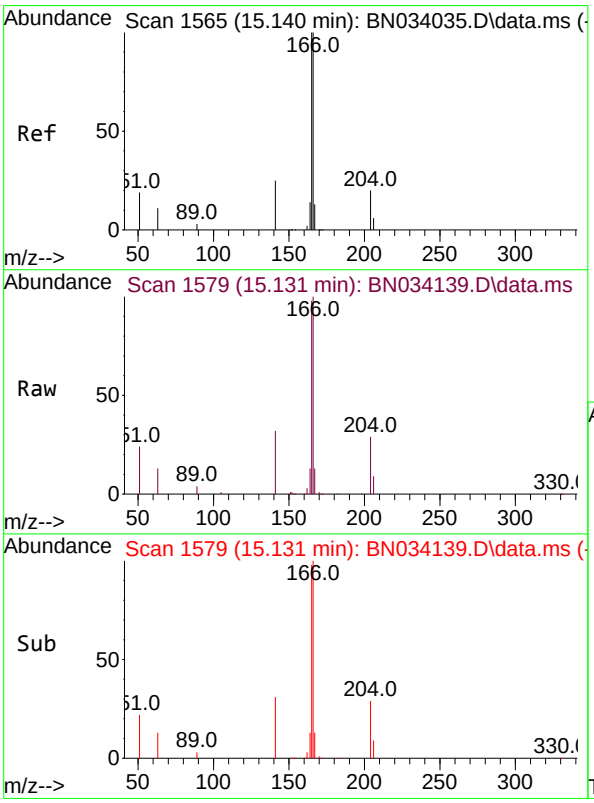
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.137 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:154 Resp: 16604

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.6	137.4
152	59.4	47.4	71.2

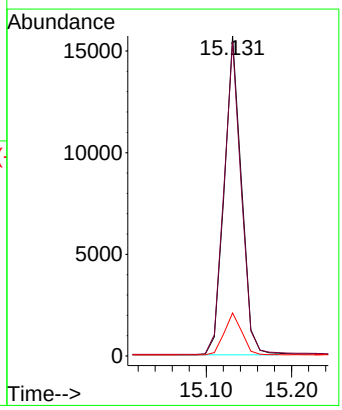


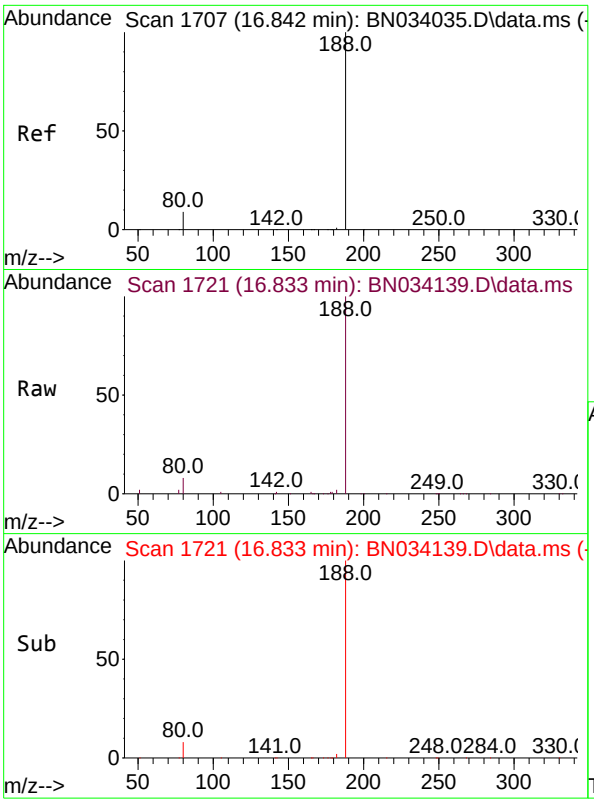


#18
Fluorene
Concen: 0.410 ng
RT: 15.131 min Scan# 1579
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:166 Resp: 21871

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



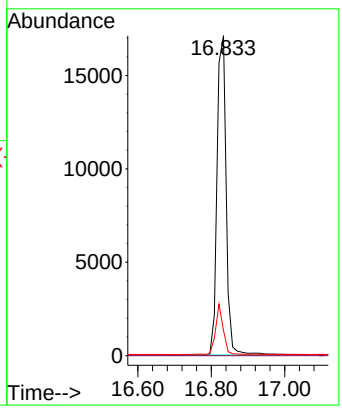


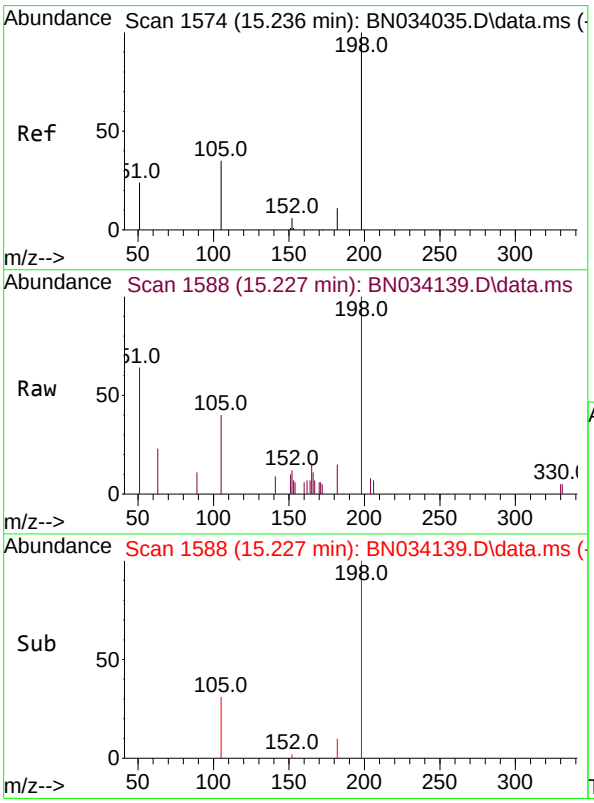
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:188 Resp: 29429

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.4	11.0

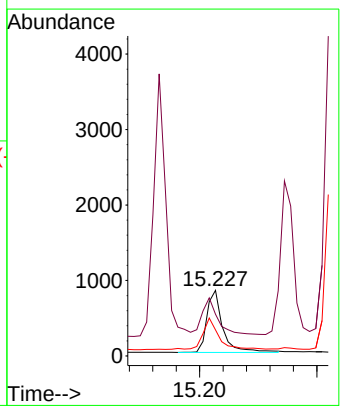


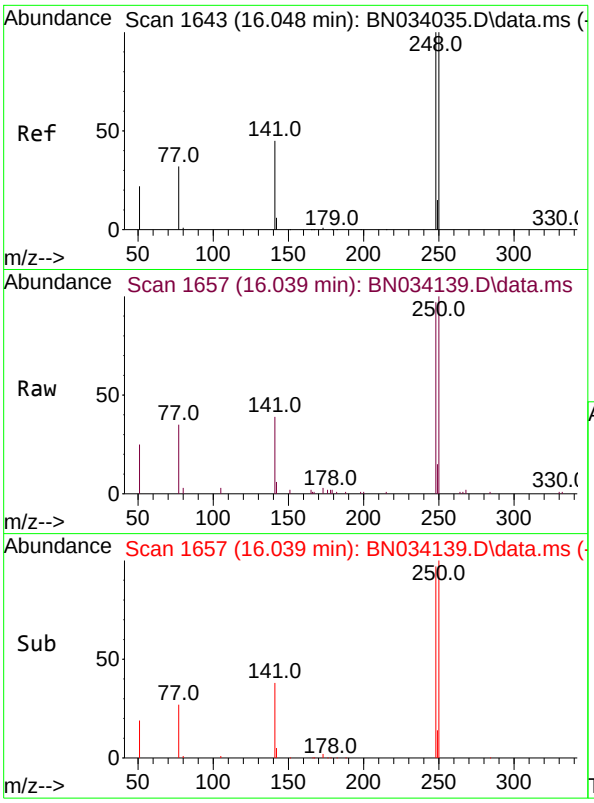


#20
4,6-Dinitro-2-methylphenol
Concen: 0.421 ng
RT: 15.227 min Scan# 1588
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:198 Resp: 1547

Ion	Ratio	Lower	Upper
198	100		
51	63.8	106.4	159.6#
105	39.7	38.5	57.7



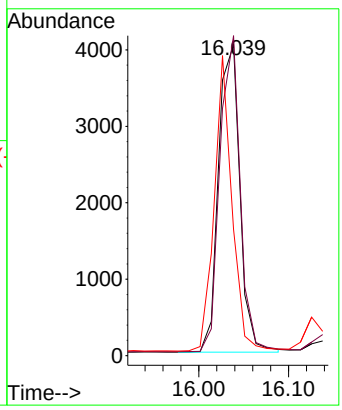


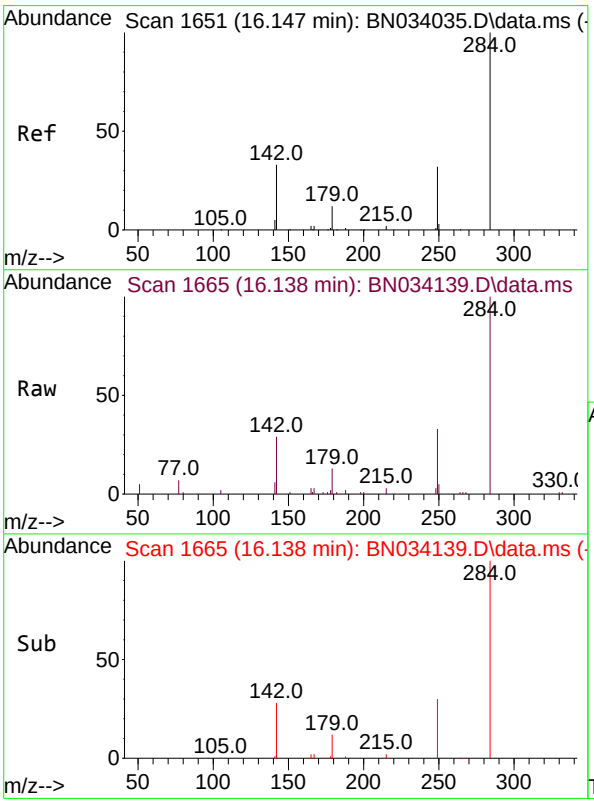
#21
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.039 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:248 Resp: 6662

Ion	Ratio	Lower	Upper
248	100		
250	102.9	80.5	120.7
141	40.6	37.1	55.7

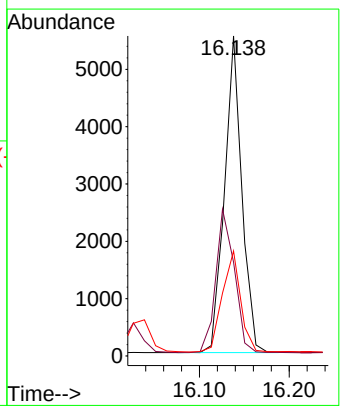


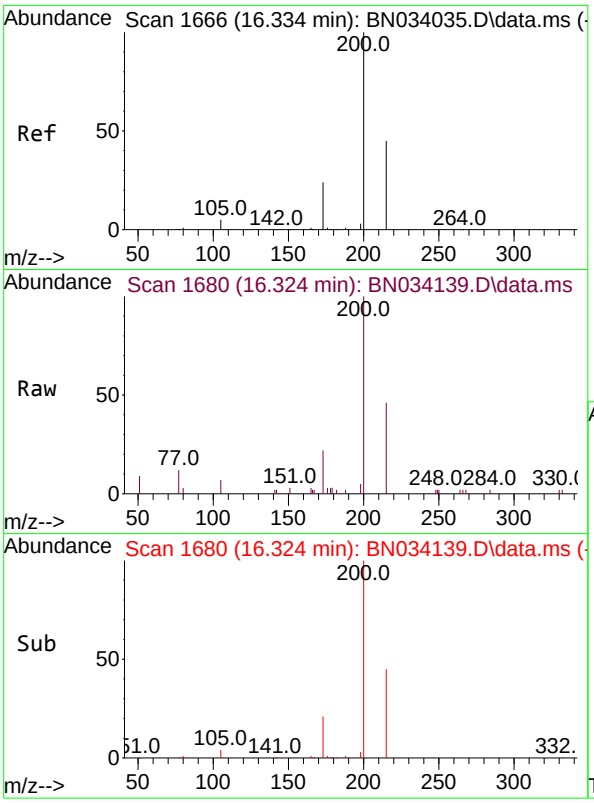


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.138 min Scan# 1665
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:284 Resp: 7421

Ion	Ratio	Lower	Upper
284	100		
142	48.5	34.5	51.7
249	33.5	25.8	38.6



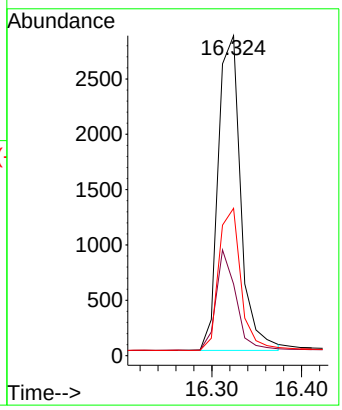


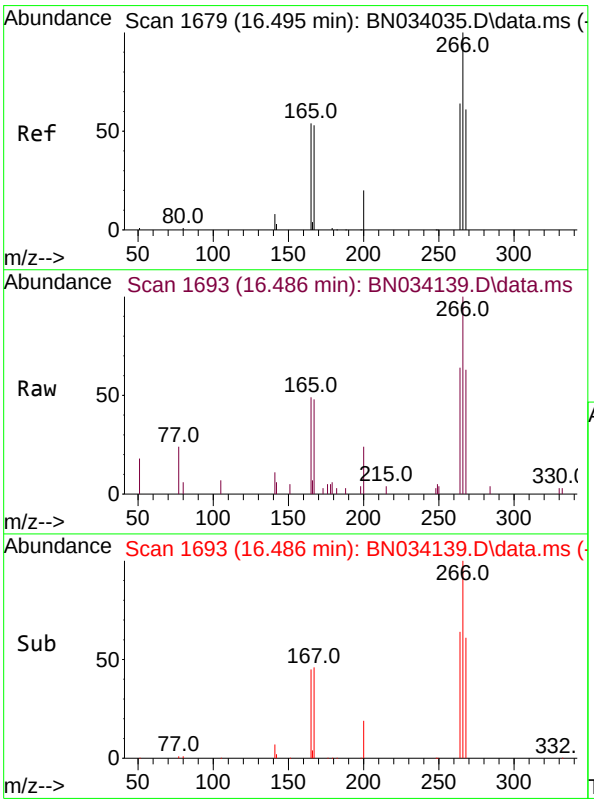
#23
Atrazine
Concen: 0.361 ng
RT: 16.324 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:200 Resp: 4951

Ion	Ratio	Lower	Upper
200	100		
173	22.4	20.1	30.1
215	46.0	37.0	55.6

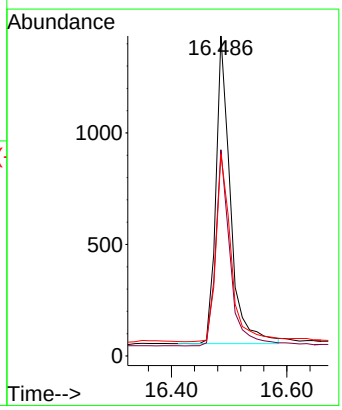


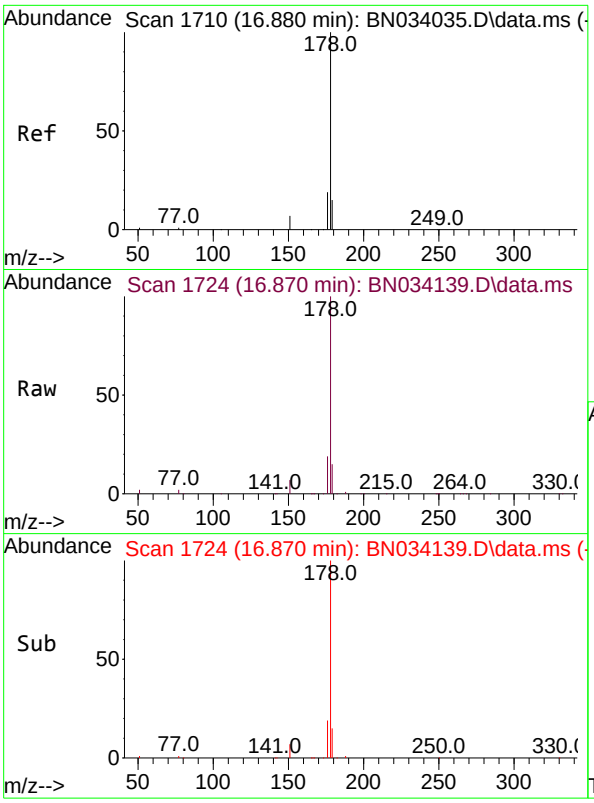


#24
Pentachlorophenol
Concen: 0.392 ng
RT: 16.486 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:266 Resp: 2402

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.2	75.2
268	63.4	51.0	76.4



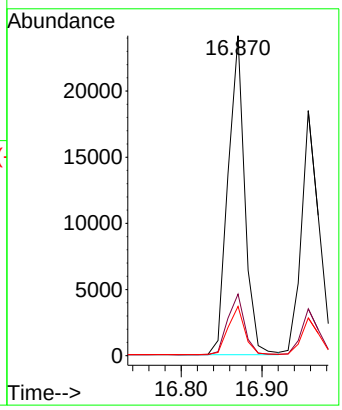


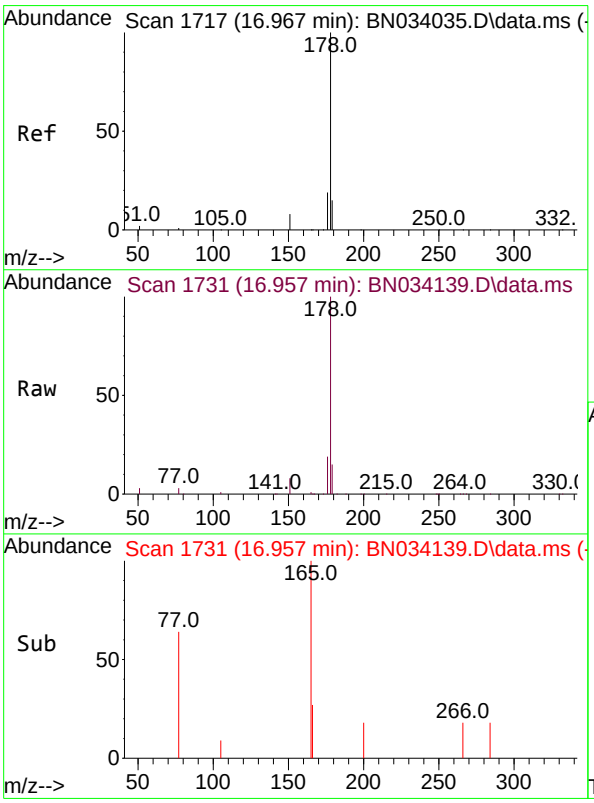
#25
Phenanthrene
Concen: 0.408 ng
RT: 16.870 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:178 Resp: 34513

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.2	12.1	18.1

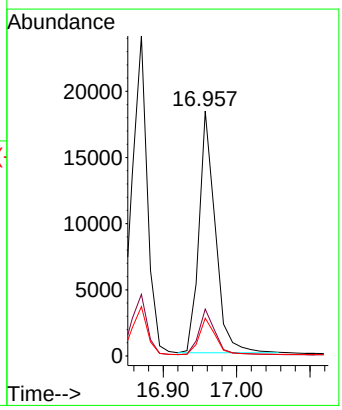


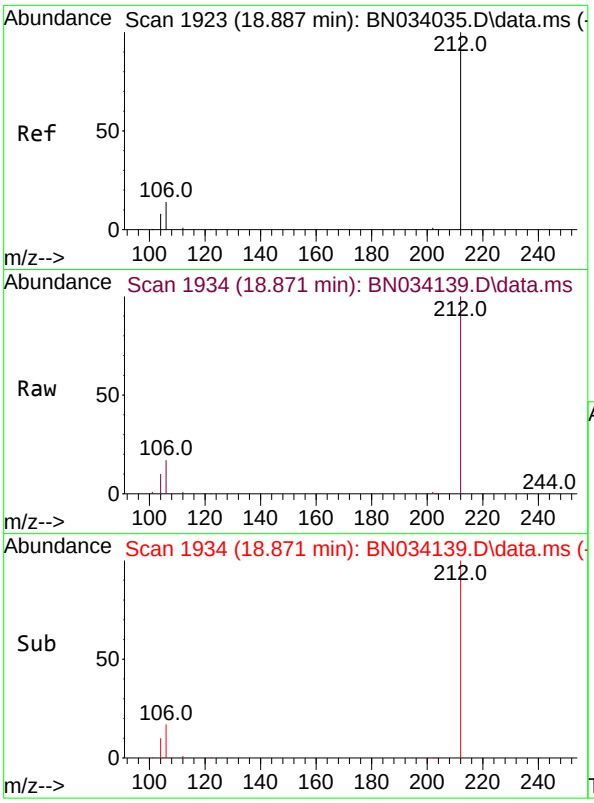


#26
Anthracene
Concen: 0.409 ng
RT: 16.957 min Scan# 1731
Delta R.T. -0.009 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:178 Resp: 28221

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.0	12.2	18.4



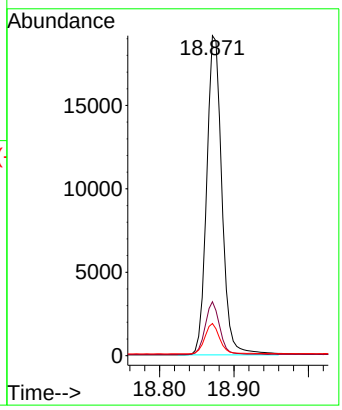


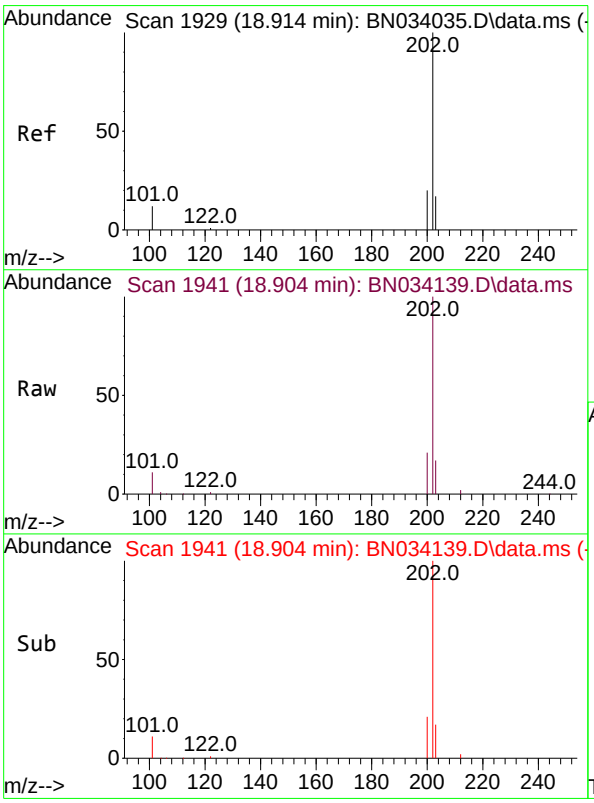
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 18.871 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:212 Resp: 27179

Ion	Ratio	Lower	Upper
212	100		
106	15.8	13.4	20.2
104	9.3	7.8	11.6

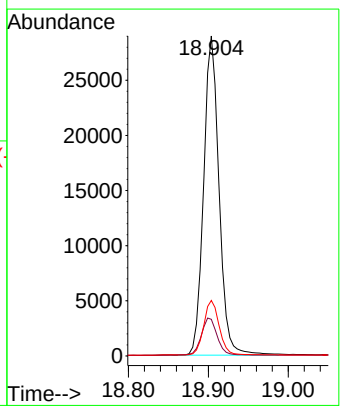


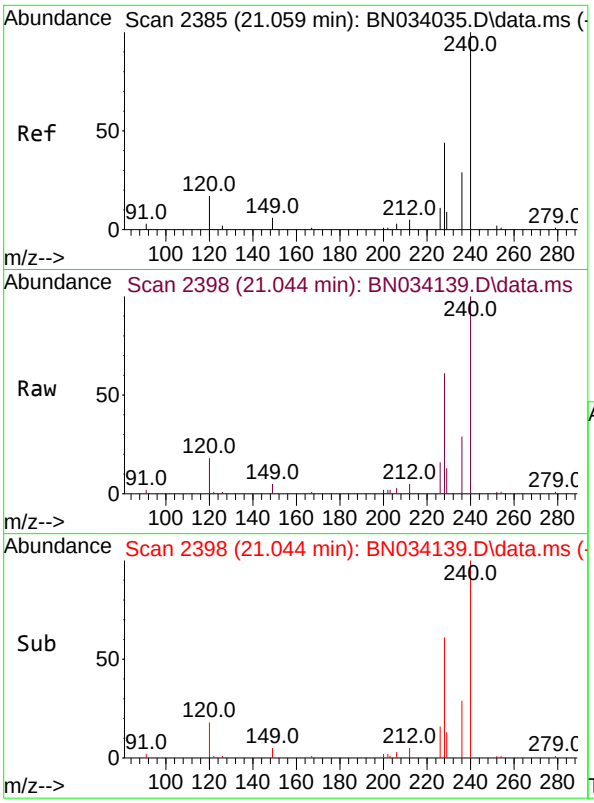


#28
Fluoranthene
Concen: 0.396 ng
RT: 18.904 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:202 Resp: 38793

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.1	15.1
203	17.1	13.6	20.4



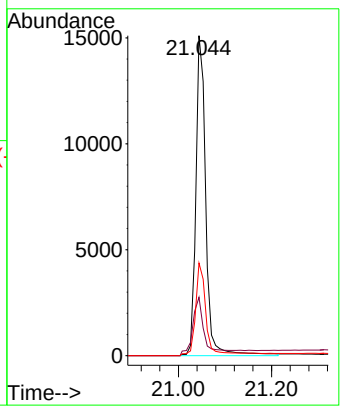


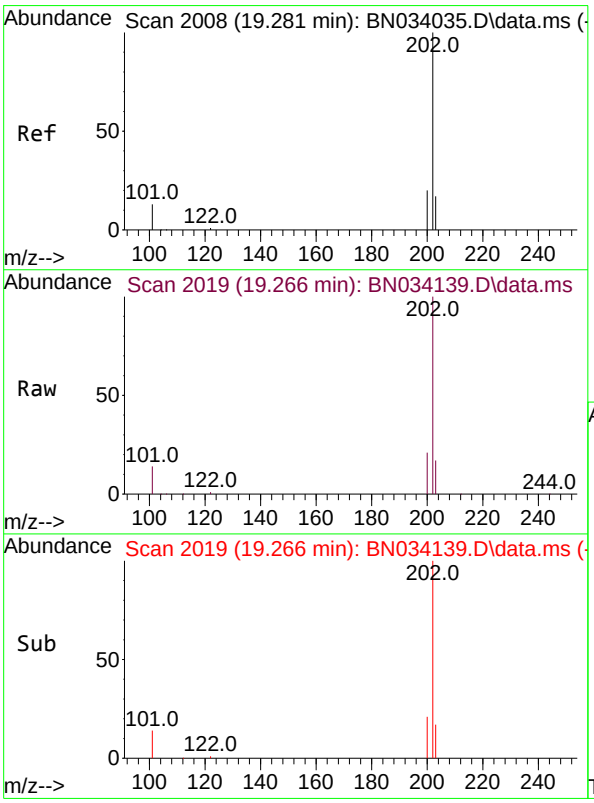
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:240 Resp: 21351

Ion	Ratio	Lower	Upper
240	100		
120	18.2	13.5	20.3
236	28.9	23.4	35.0

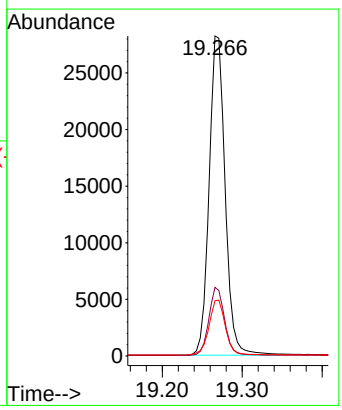


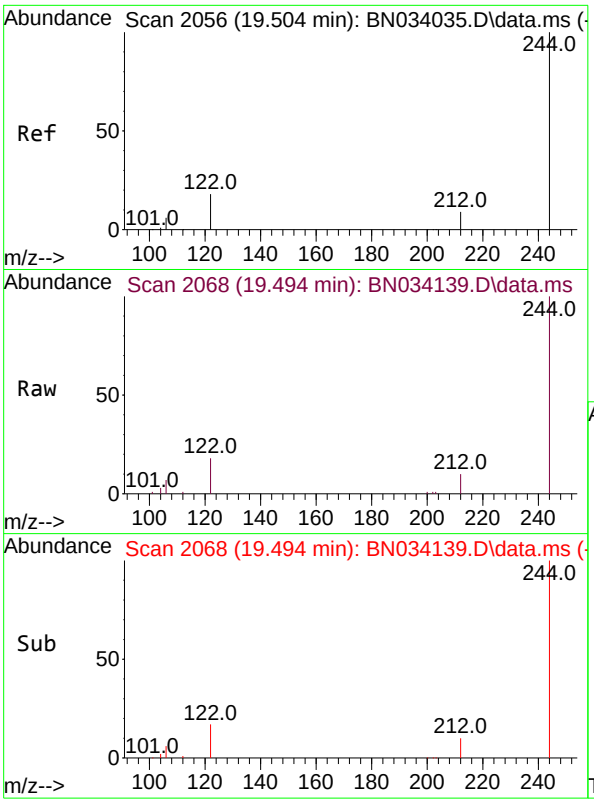


#30
Pyrene
Concen: 0.436 ng
RT: 19.266 min Scan# 2019
Delta R.T. -0.015 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:202 Resp: 39278

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.8	14.3	21.5



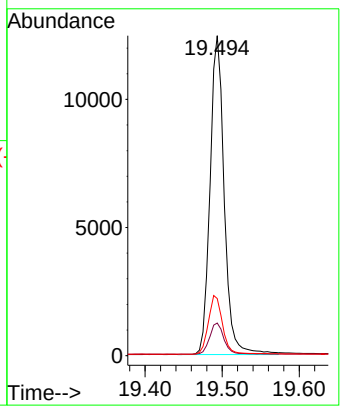


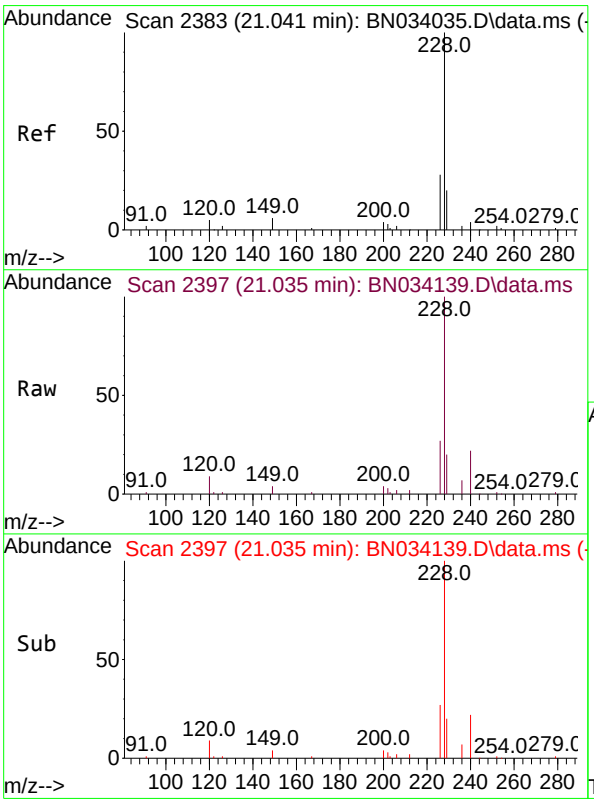
#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.494 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:244 Resp: 15890

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.8	11.6
122	17.8	14.8	22.2

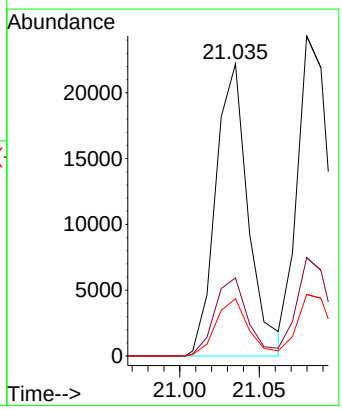


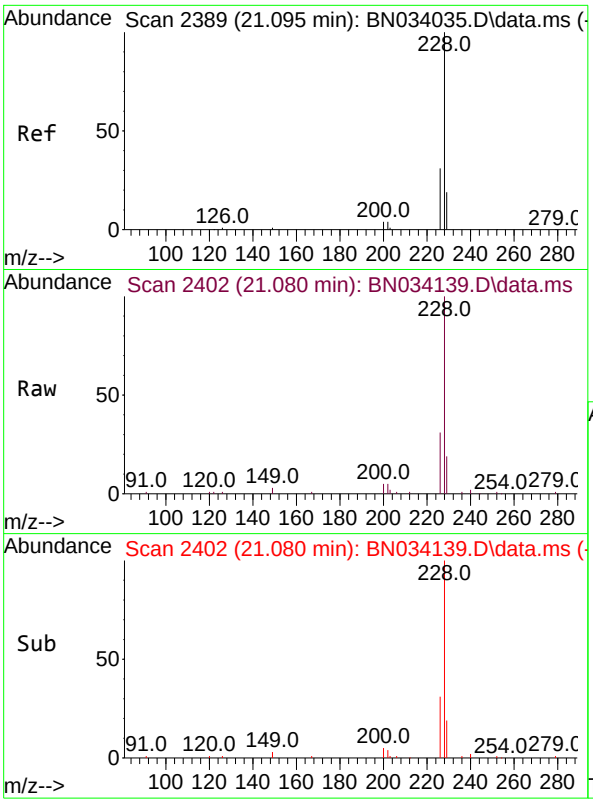


#32
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.035 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:228 Resp: 27933

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.3	33.5
229	19.6	15.7	23.5



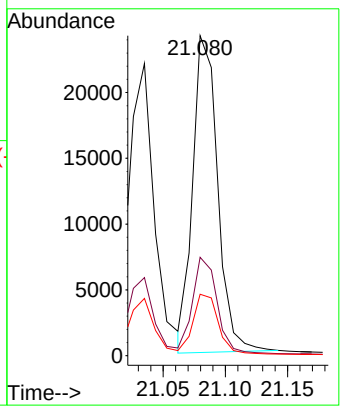


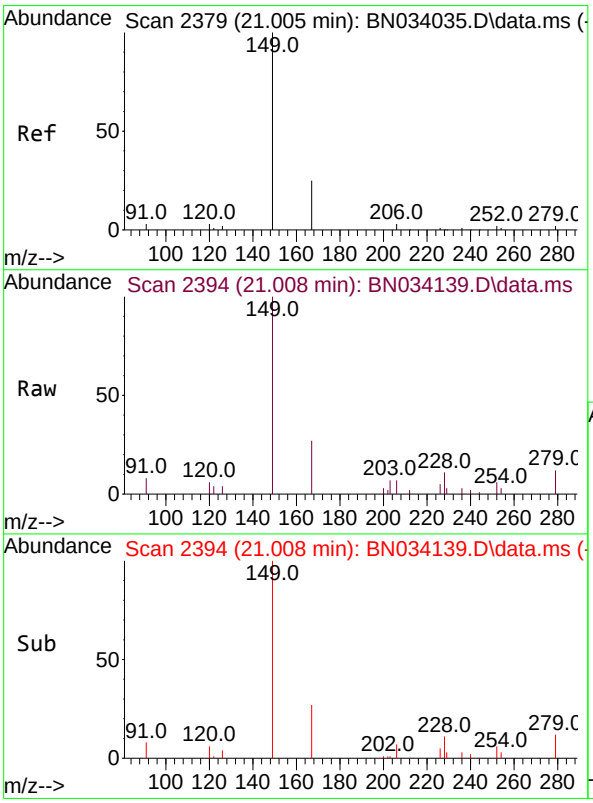
#33
Chrysene
Concen: 0.416 ng
RT: 21.080 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:228 Resp: 33514

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.2	15.5	23.3

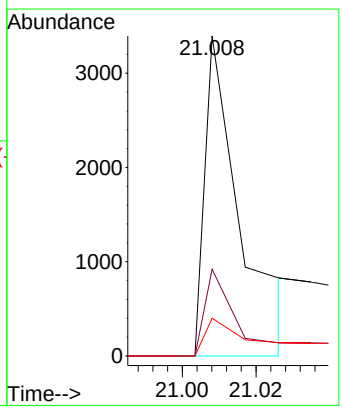


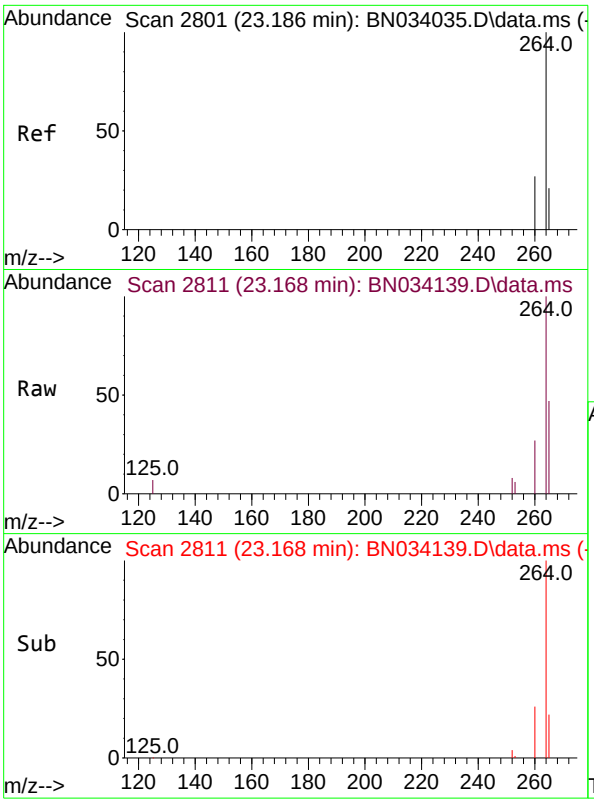


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:149 Resp: 2109

Ion	Ratio	Lower	Upper
149	100		
167	24.1	19.9	29.9
279	13.8	4.6	6.8#



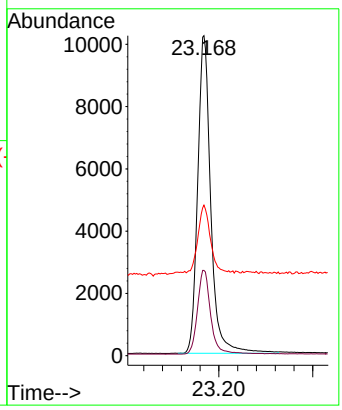


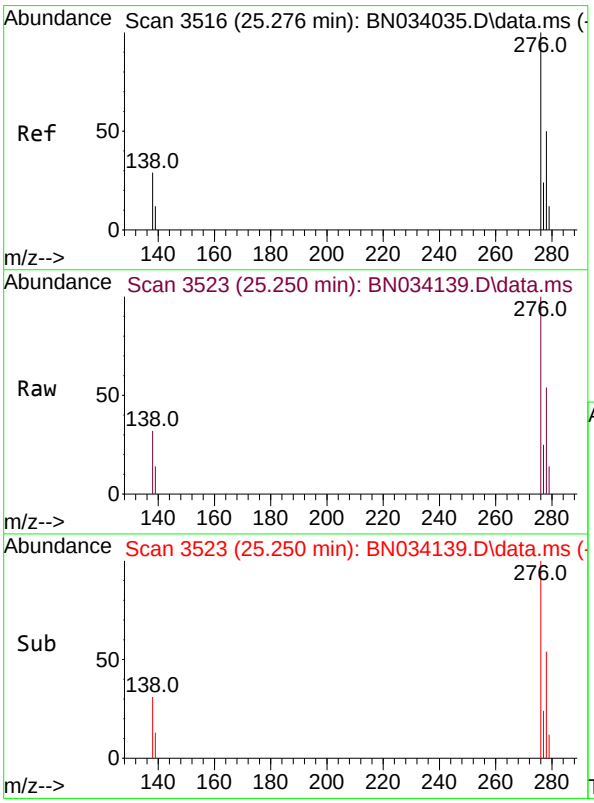
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:264 Resp: 19707

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	47.1	52.1	78.1#

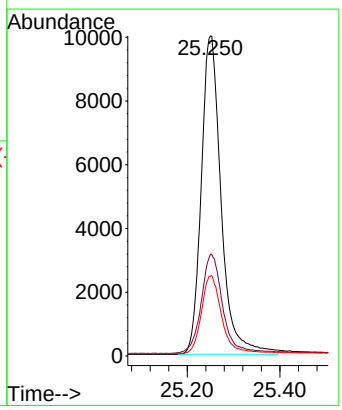


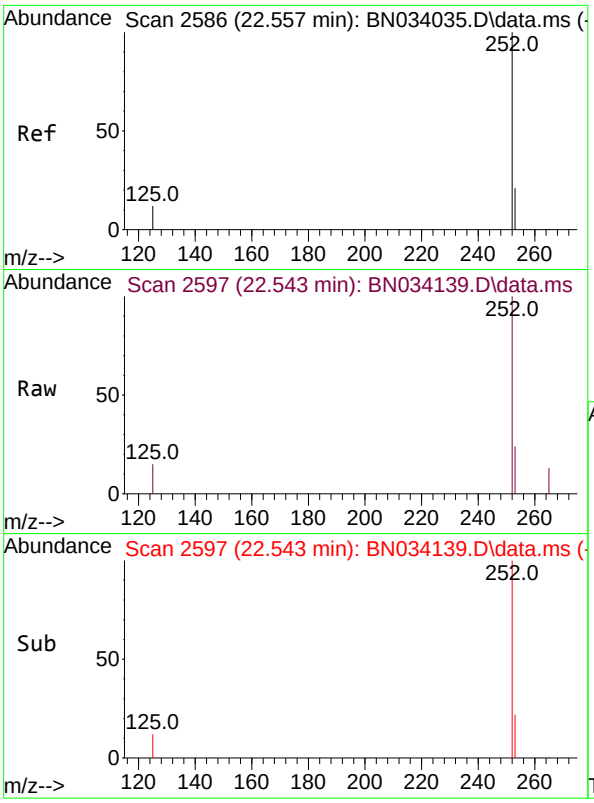


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng
RT: 25.250 min Scan# 3523
Delta R.T. -0.026 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:276 Resp: 29821

Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.9	38.9
277	24.7	19.7	29.5



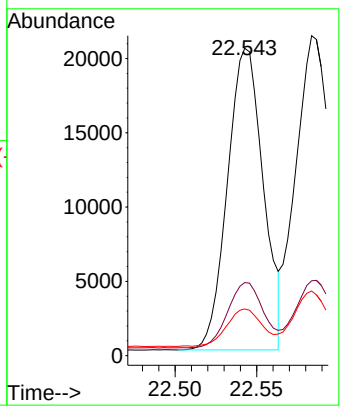


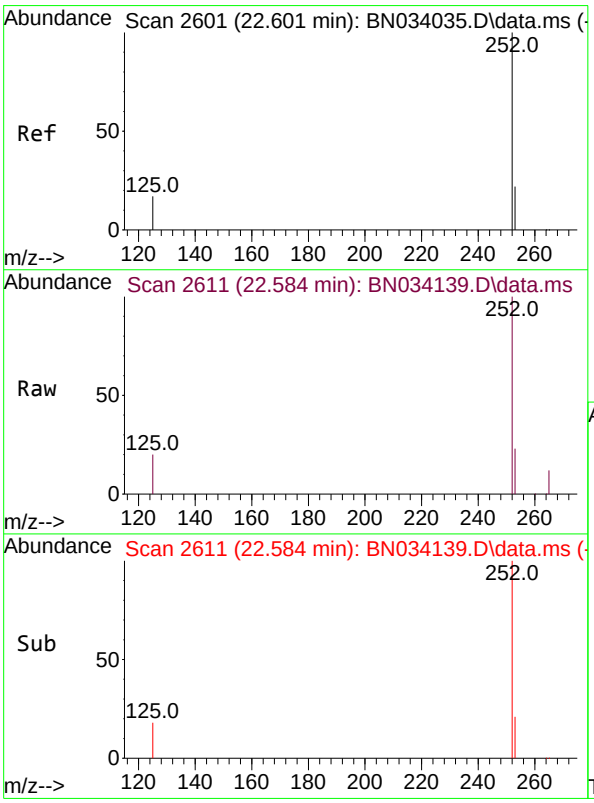
#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.543 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:252 Resp: 30969

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.6	29.4
125	15.2	13.8	20.8

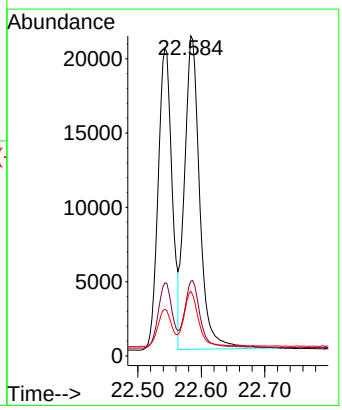


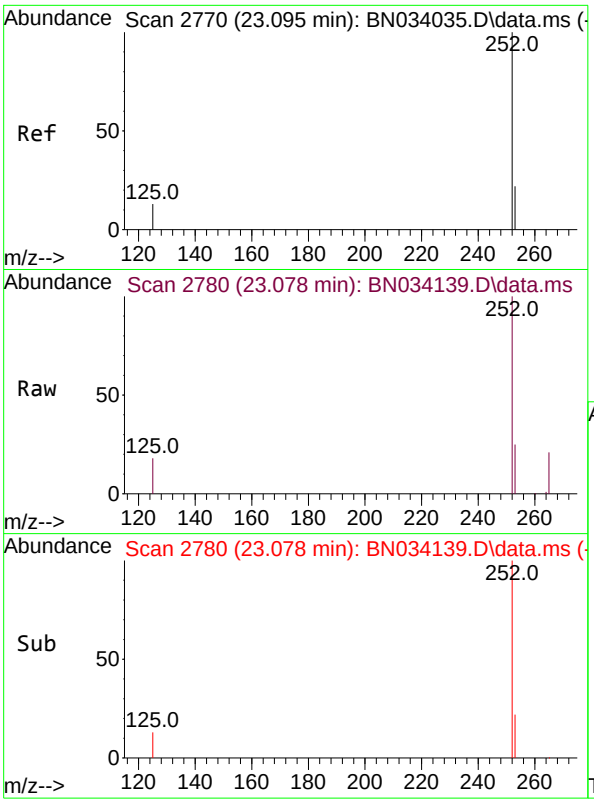


#38
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.584 min Scan# 2611
Delta R.T. -0.018 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:252 Resp: 35113

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.1	30.1
125	20.2	16.8	25.2



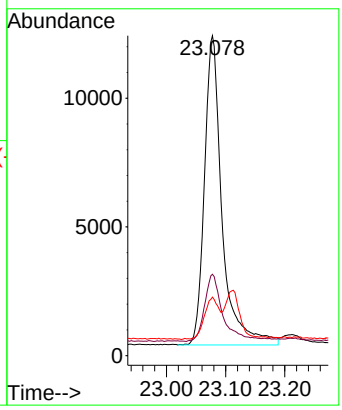


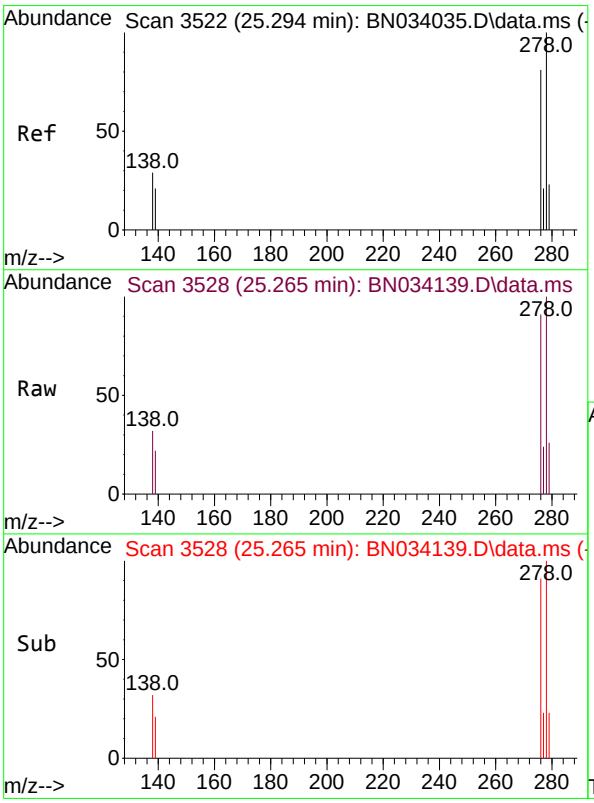
#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.078 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:252 Resp: 24927

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.8	32.8
125	18.3	17.5	26.3

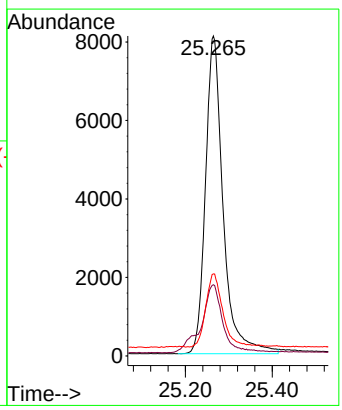


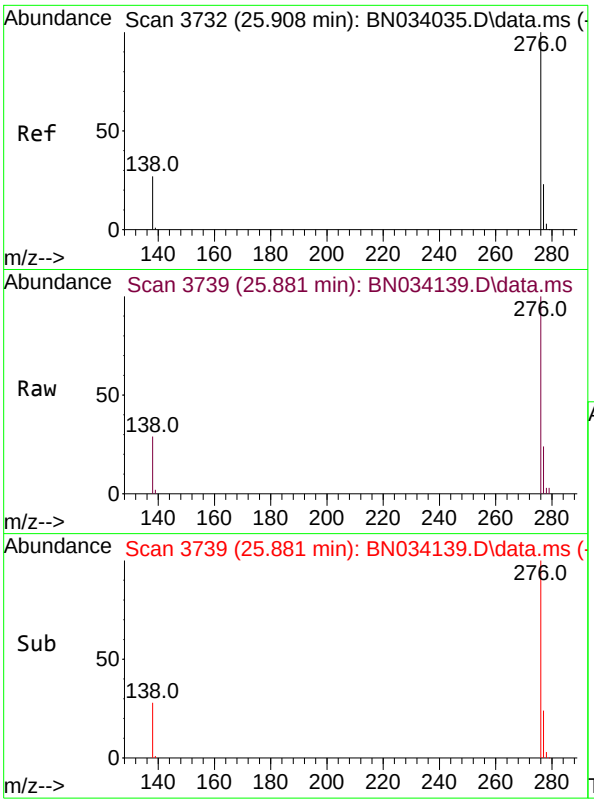


#40
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 25.265 min Scan# 3528
Delta R.T. -0.029 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Tgt Ion:278 Resp: 22853

Ion	Ratio	Lower	Upper
278	100		
139	22.2	17.8	26.8
279	25.7	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.327 ng
RT: 25.881 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN034139.D
Acq: 22 Sep 2024 00:34

Instrument :
BNA_N
ClientSampleId :
PB163558BS

Tgt Ion:276 Resp: 24127

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	28.5	22.6	34.0