Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032258.D
Acq On : 26 Jun 2024 02:55
Operator : MA/JU
Sample : PB161693BSD
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Quant Time: Jun 26 04:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

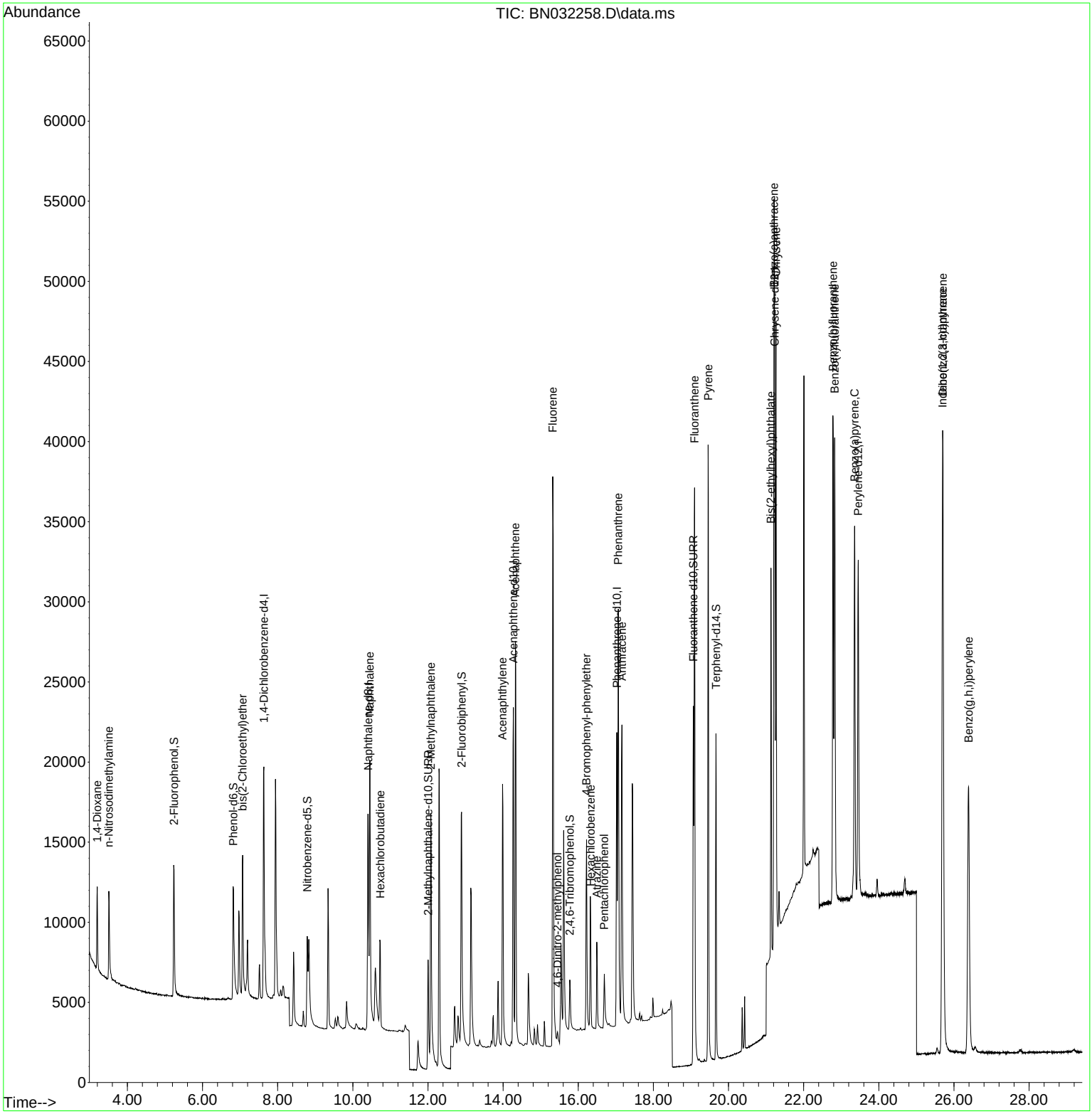
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.631	152	8379	0.400	ng		-0.01
7) Naphthalene-d8	10.410	136	24037	0.400	ng		-0.01
13) Acenaphthene-d10	14.274	164	13924	0.400	ng		-0.01
19) Phenanthrene-d10	17.028	188	29090	0.400	ng		0.00
29) Chrysene-d12	21.229	240	26811	0.400	ng		# 0.00
35) Perylene-d12	23.452	264	29741	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	8460	0.355	ng		0.00
5) Phenol-d6	6.823	99	9717	0.311	ng		0.00
8) Nitrobenzene-d5	8.787	82	6914	0.346	ng		-0.01
11) 2-Methylnaphthalene-d10	12.005	152	12849	0.336	ng		-0.02
14) 2,4,6-Tribromophenol	15.775	330	2302	0.345	ng		-0.01
15) 2-Fluorobiphenyl	12.895	172	19412	0.368	ng		-0.01
27) Fluoranthene-d10	19.063	212	28267	0.357	ng		0.00
31) Terphenyl-d14	19.667	244	21347	0.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	3717	0.362	ng		96
3) n-Nitrosodimethylamine	3.508	42	3259	0.334	ng		99
6) bis(2-Chloroethyl)ether	7.068	93	7582	0.282	ng		95
9) Naphthalene	10.453	128	23634	0.365	ng		99
10) Hexachlorobutadiene	10.731	225	4756	0.420	ng	#	100
12) 2-Methylnaphthalene	12.077	142	15138	0.342	ng		99
16) Acenaphthylene	13.985	152	21171	0.330	ng		100
17) Acenaphthene	14.327	154	14594	0.353	ng		100
18) Fluorene	15.322	166	18627	0.337	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	868	0.316	ng	#	41
21) 4-Bromophenyl-phenylether	16.222	248	6091	0.369	ng		98
22) Hexachlorobenzene	16.333	284	6989	0.409	ng		97
23) Atrazine	16.495	200	4751	0.314	ng		97
24) Pentachlorophenol	16.693	266	2413	0.392	ng		99
25) Phenanthrene	17.066	178	29638	0.367	ng		100
26) Anthracene	17.165	178	26272	0.351	ng		100
28) Fluoranthene	19.096	202	36142	0.369	ng		99
30) Pyrene	19.458	202	37761	0.354	ng		100
32) Benzo(a)anthracene	21.211	228	36002	0.356	ng		100
33) Chrysene	21.265	228	35325	0.370	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	22170	0.322	ng		100
36) Indeno(1,2,3-cd)pyrene	25.697	276	45769	0.413	ng		99
37) Benzo(b)fluoranthene	22.779	252	39467	0.364	ng		99
38) Benzo(k)fluoranthene	22.826	252	40449	0.395	ng		96
39) Benzo(a)pyrene	23.355	252	34874	0.373	ng		97
40) Dibenzo(a,h)anthracene	25.706	278	36612	0.419	ng		100
41) Benzo(g,h,i)perylene	26.390	276	38424	0.409	ng		99

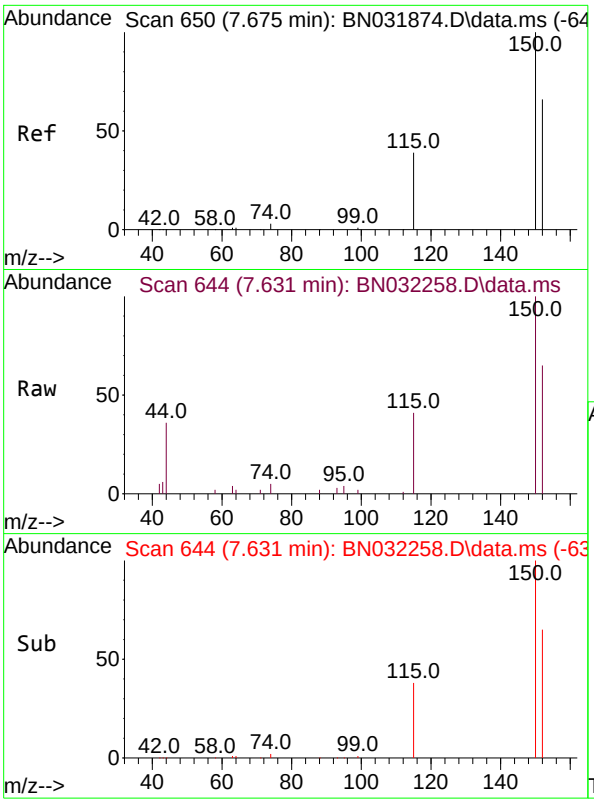
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032258.D
Acq On : 26 Jun 2024 02:55
Operator : MA/JU
Sample : PB161693BSD
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Quant Time: Jun 26 04:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



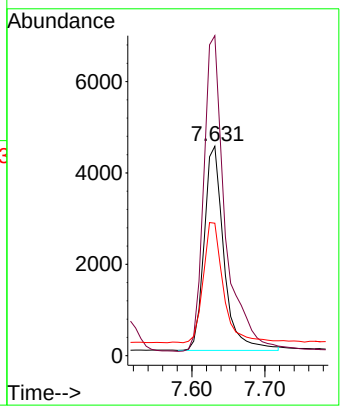


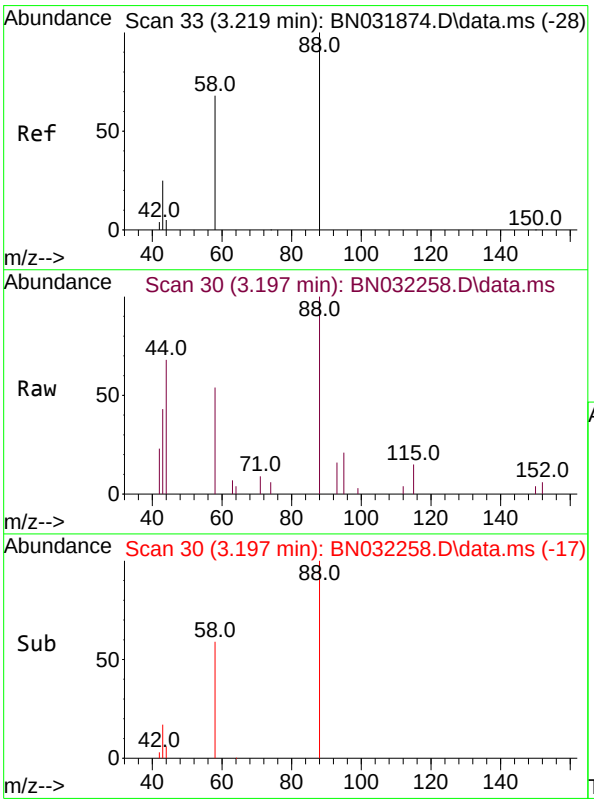
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.631 min Scan# 64
Delta R.T. -0.015 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:152 Resp: 8379

Ion	Ratio	Lower	Upper
152	100		
150	152.8	121.0	181.4
115	63.2	49.4	74.0

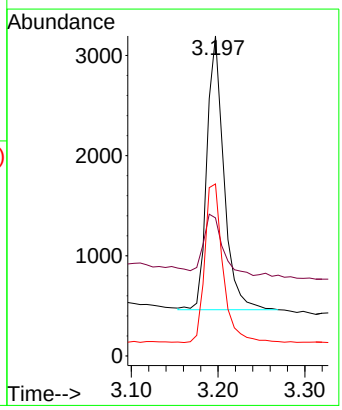


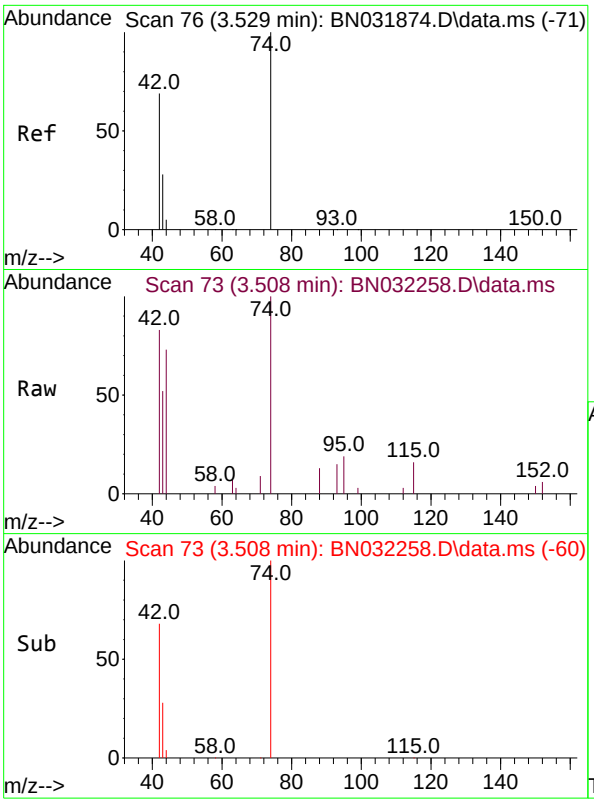


#2
1,4-Dioxane
Concen: 0.362 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion: 88 Resp: 3717

Ion	Ratio	Lower	Upper
88	100		
43	24.2	22.7	34.1
58	62.5	51.3	76.9



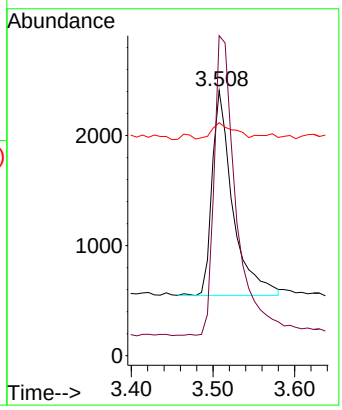


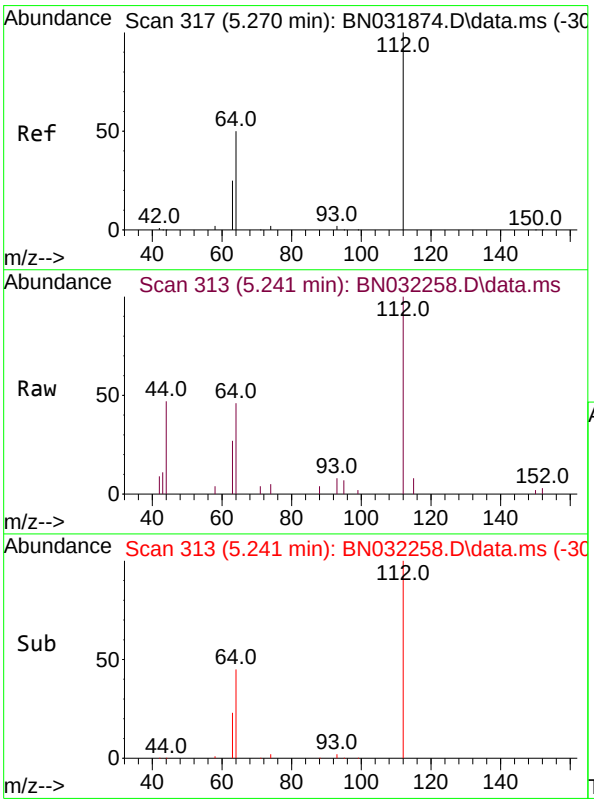
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.508 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion: 42 Resp: 3259

Ion	Ratio	Lower	Upper
42	100		
74	155.1	125.2	187.8
44	9.4	6.9	10.3

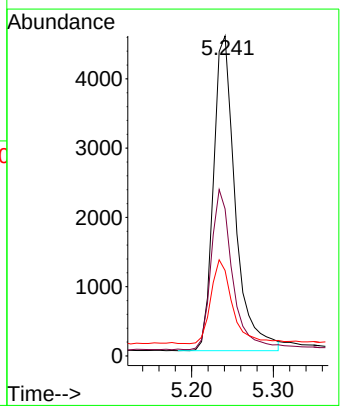


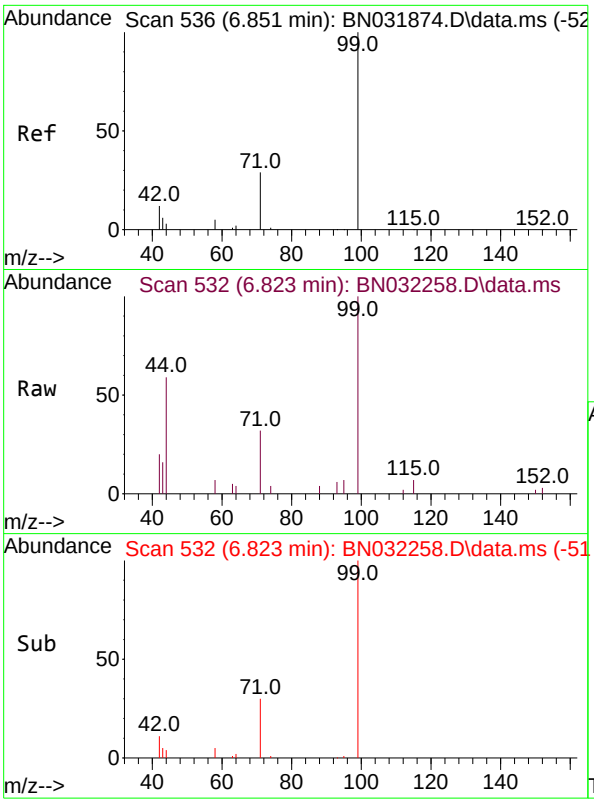


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.241 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:112 Resp: 8460

Ion	Ratio	Lower	Upper
112	100		
64	49.5	42.4	63.6
63	26.1	22.1	33.1



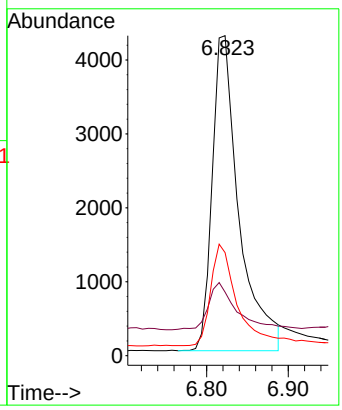


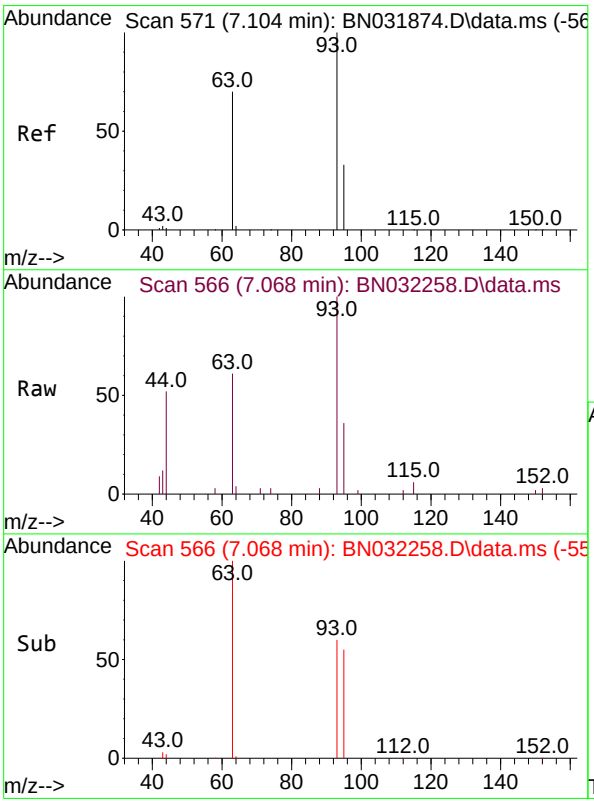
#5
Phenol-d6
Concen: 0.311 ng
RT: 6.823 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion: 99 Resp: 9717

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	31.3	25.4	38.2

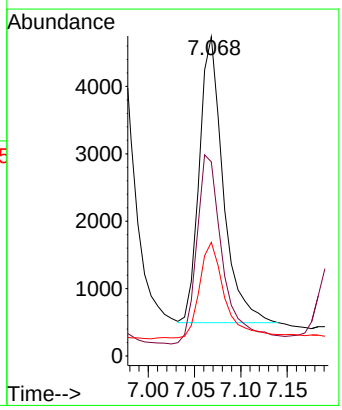


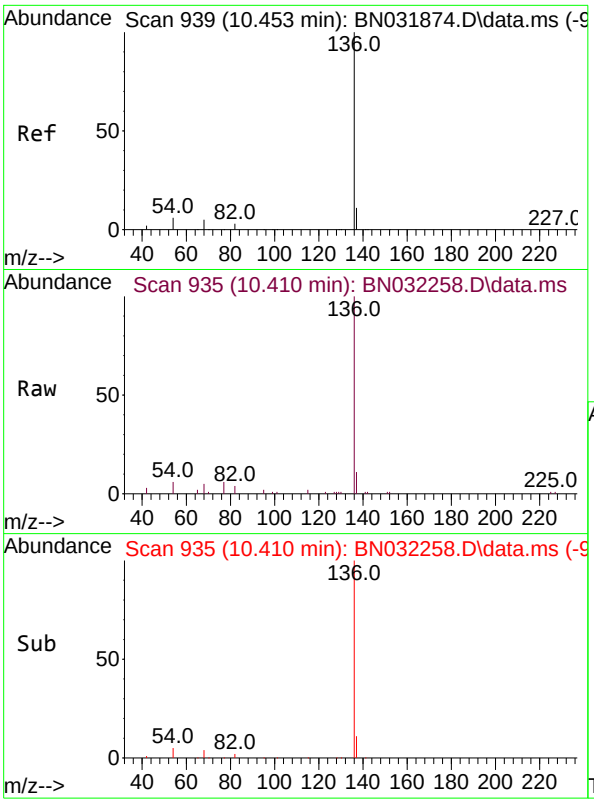


#6
bis(2-Chloroethyl)ether
Concen: 0.282 ng
RT: 7.068 min Scan# 566
Delta R.T. -0.015 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion: 93 Resp: 7582

Ion	Ratio	Lower	Upper
93	100		
63	73.9	56.2	84.2
95	37.1	26.4	39.6



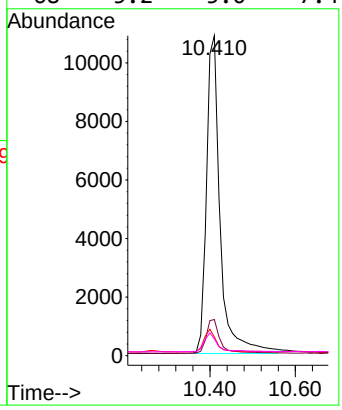


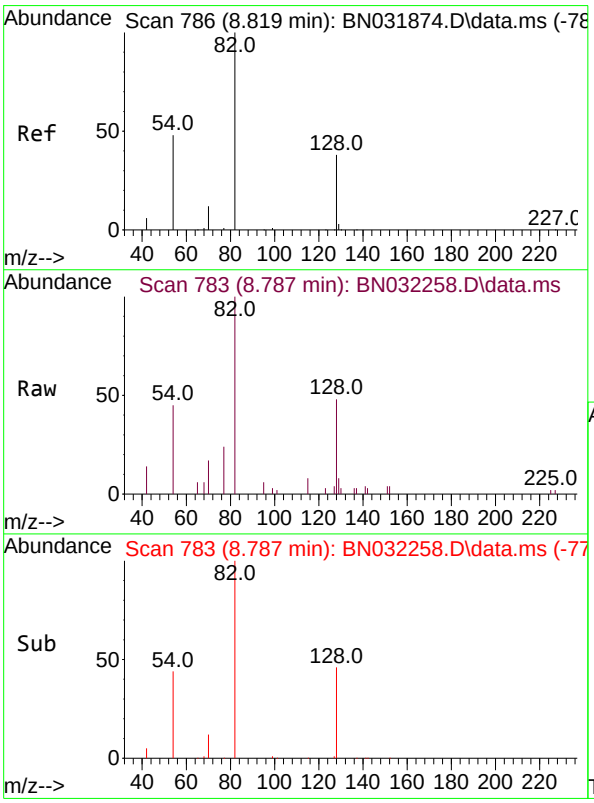
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:136 Resp: 24037

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.8	5.6	8.4
68	5.2	5.0	7.4

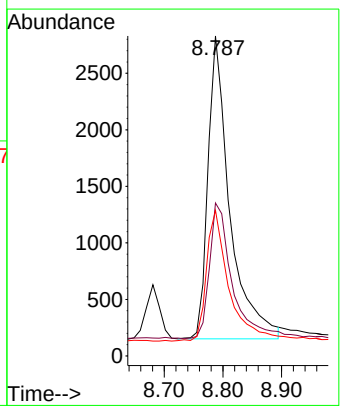


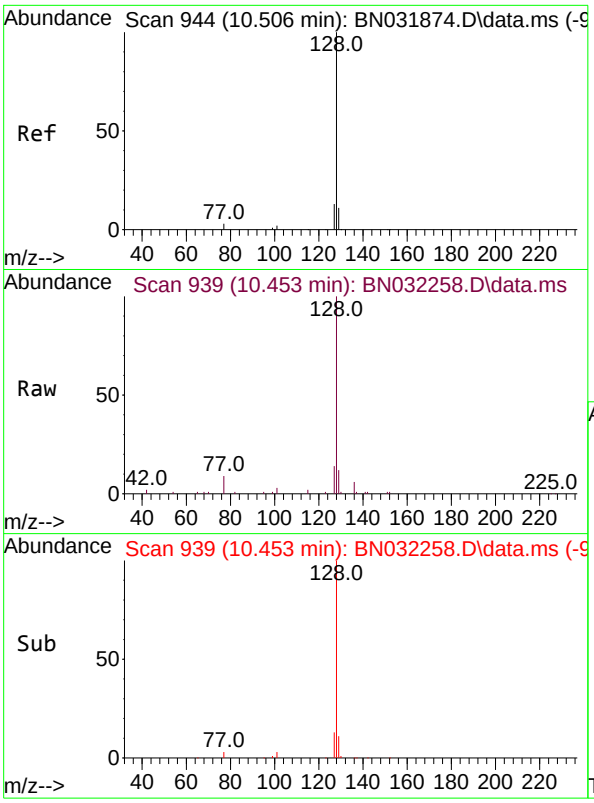


#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion: 82 Resp: 6914

Ion	Ratio	Lower	Upper
82	100		
128	47.8	32.1	48.1
54	45.5	39.7	59.5



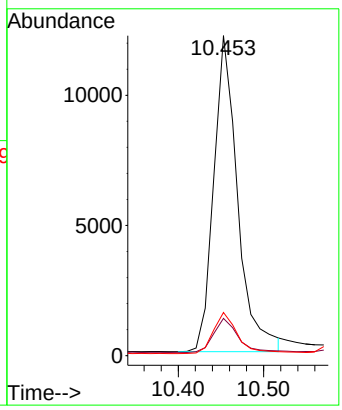


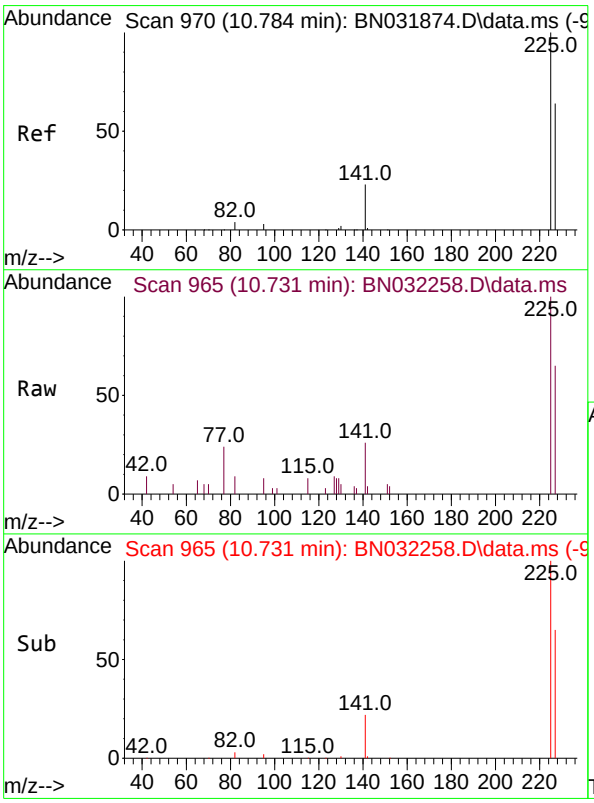
#9
Naphthalene
Concen: 0.365 ng
RT: 10.453 min Scan# 9
Delta R.T. -0.022 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:128 Resp: 23634

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.5	10.5	15.7

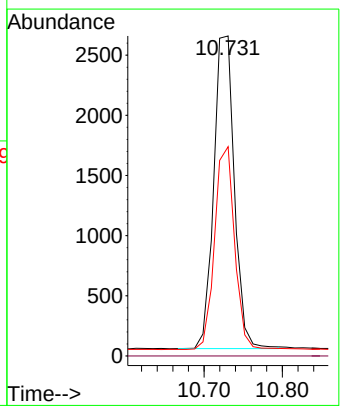


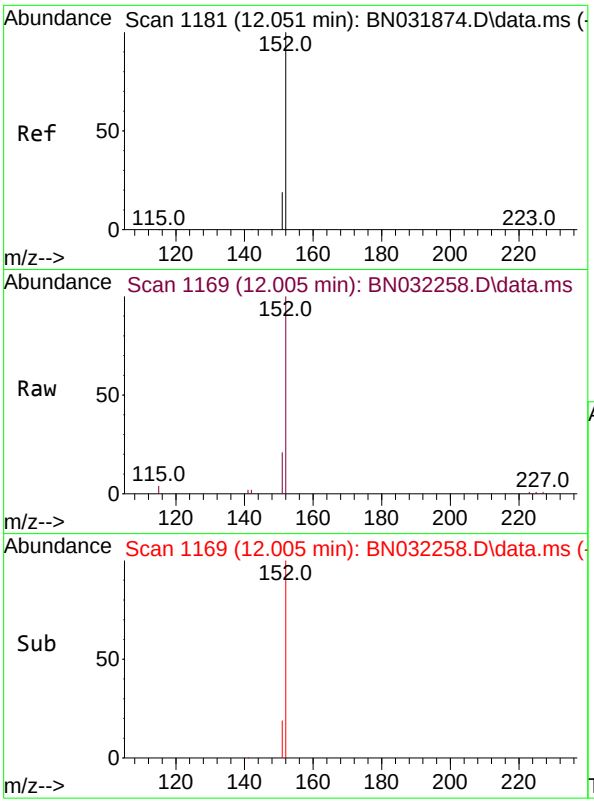


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.731 min Scan# 965
Delta R.T. -0.022 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:225 Resp: 4756

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	50.6	75.8



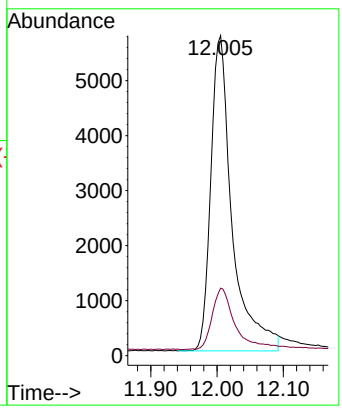


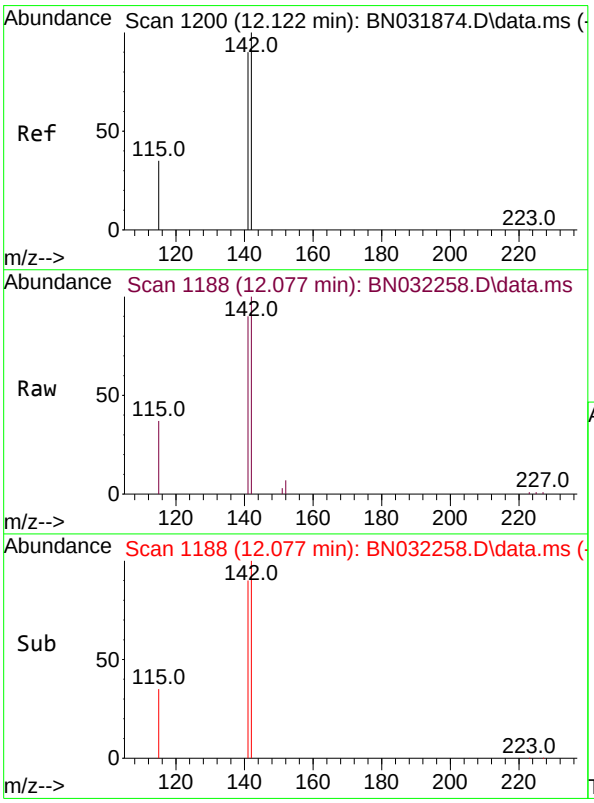
#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.005 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:152 Resp: 12849

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5

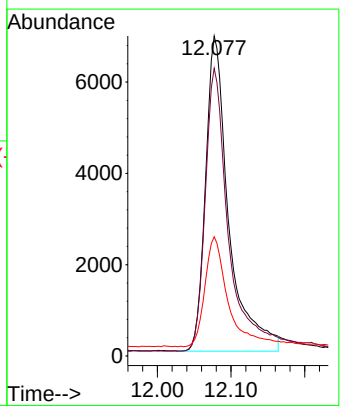


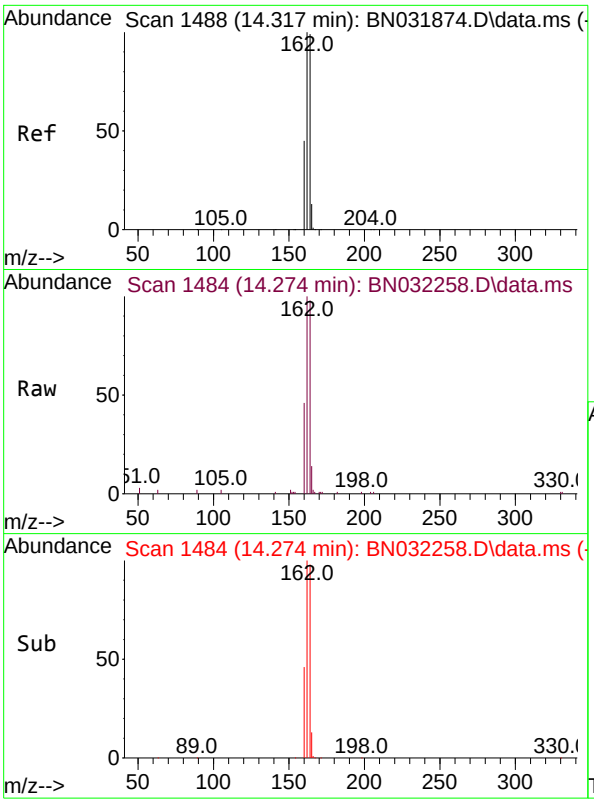


#12
2-Methylnaphthalene
Concen: 0.342 ng
RT: 12.077 min Scan# 1188
Delta R.T. -0.015 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:142 Resp: 15138

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.2
115	37.3	28.6	43.0



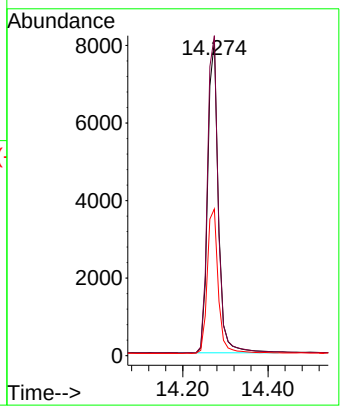


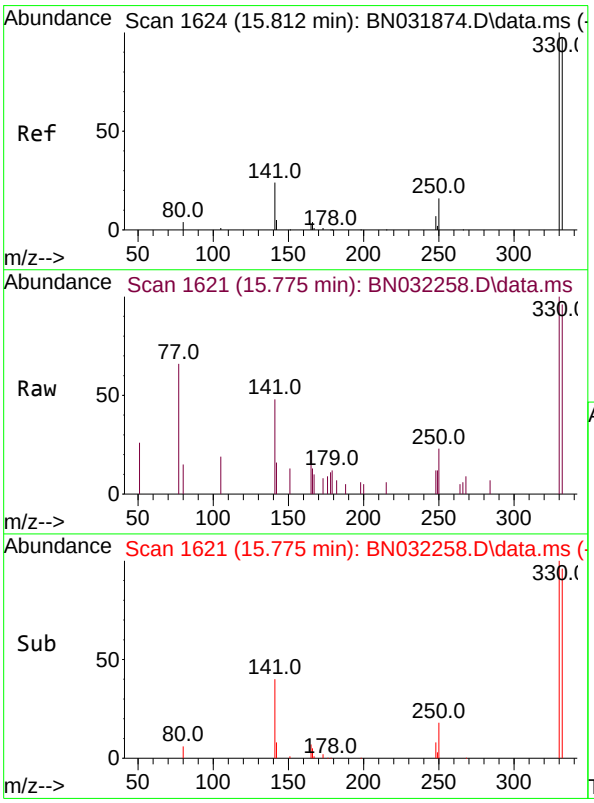
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:164 Resp: 13924

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	46.6	36.2	54.4

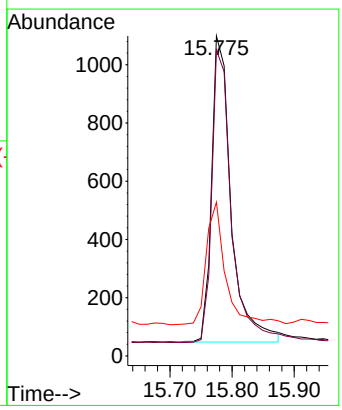


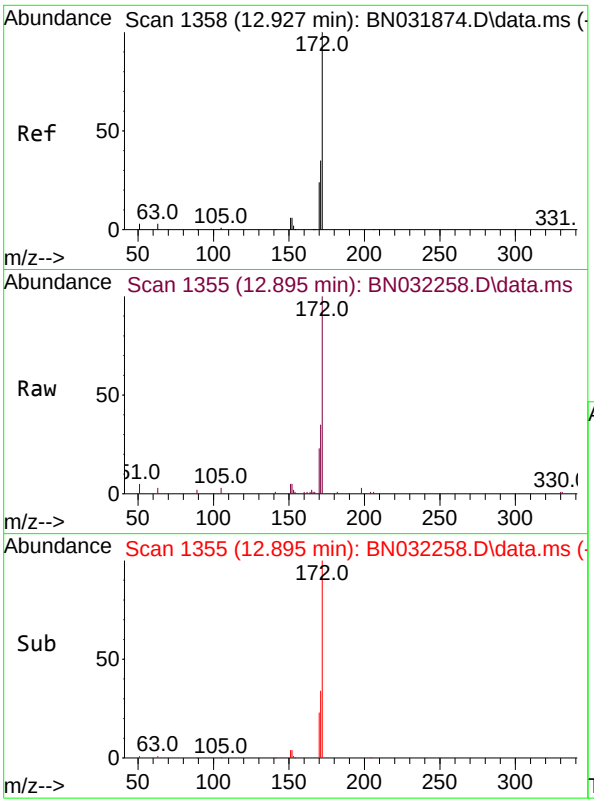


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:330 Resp: 2302

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	39.4	34.7	52.1



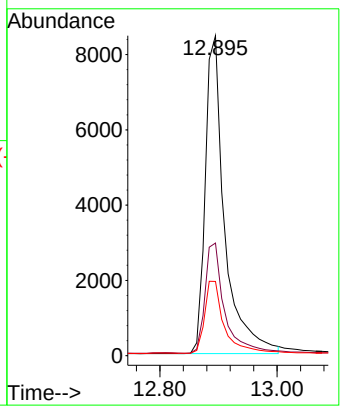


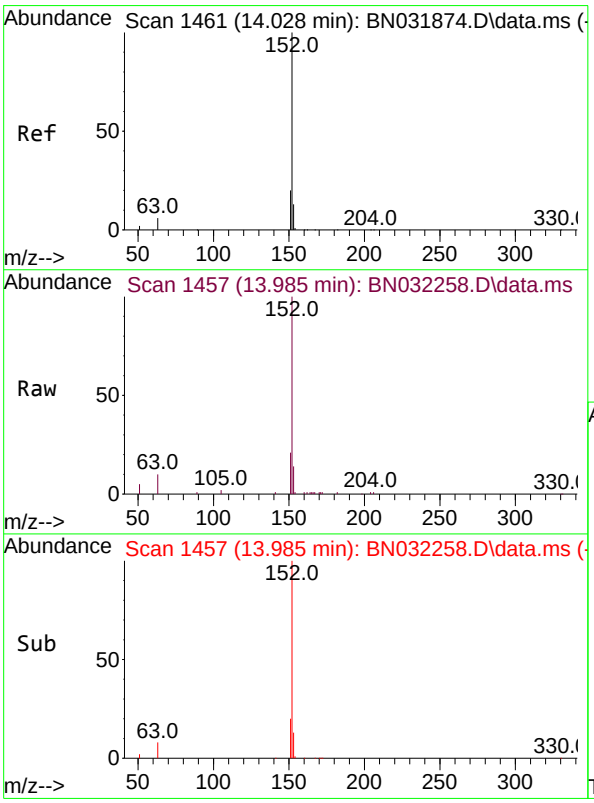
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:172 Resp: 19412

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	19.2	28.8

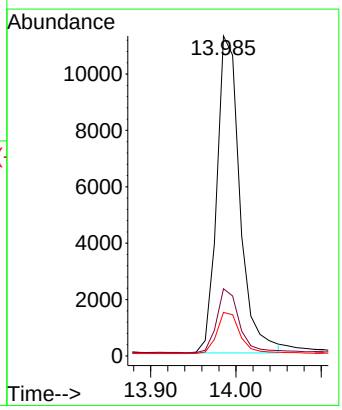


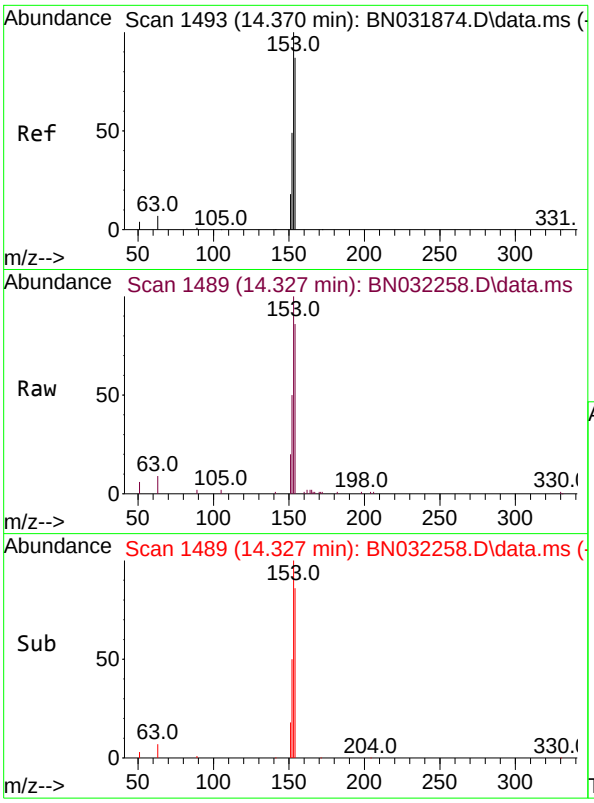


#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.985 min Scan# 1457
Delta R.T. -0.022 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:152 Resp: 21171

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



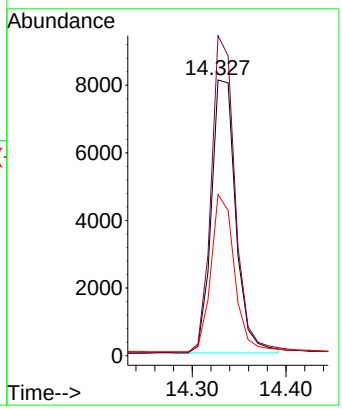


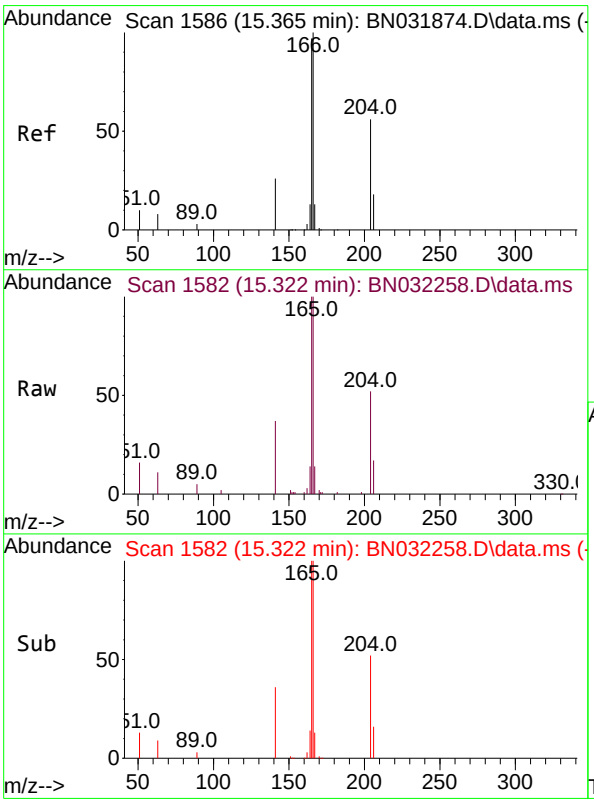
#17
Acenaphthene
Concen: 0.353 ng
RT: 14.327 min Scan# 14
Delta R.T. -0.022 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:154 Resp: 14594

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.8	136.2
152	55.6	44.3	66.5

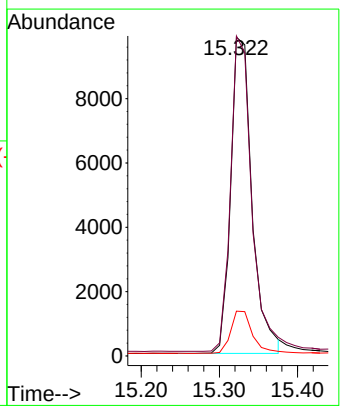


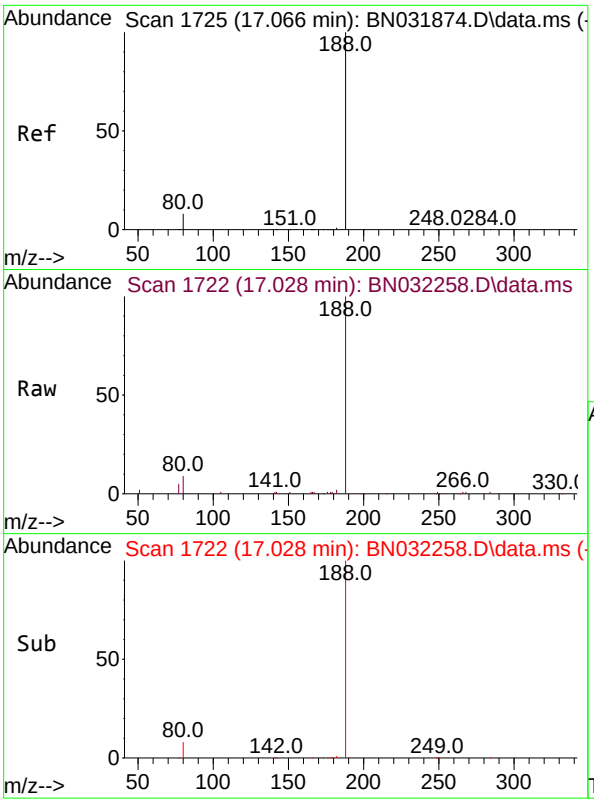


#18
Fluorene
Concen: 0.337 ng
RT: 15.322 min Scan# 1582
Delta R.T. -0.011 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:166 Resp: 18627

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.3	117.5
167	13.6	10.7	16.1



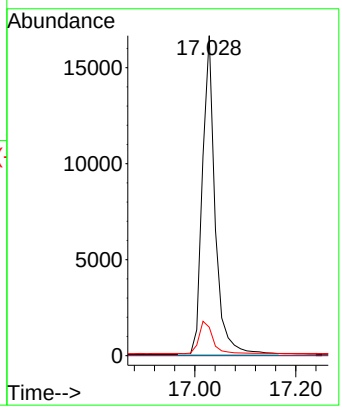


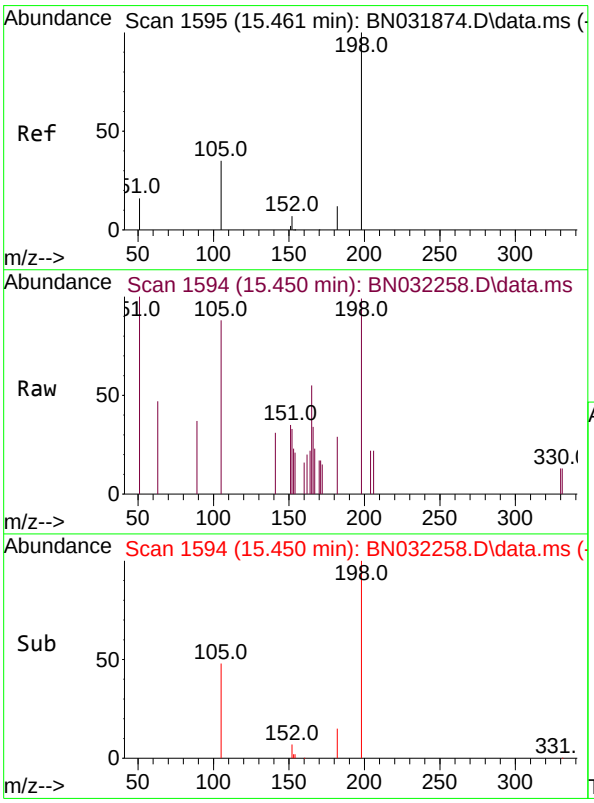
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.028 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:188 Resp: 29090

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.4	9.6

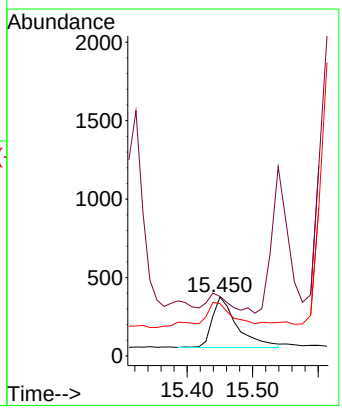


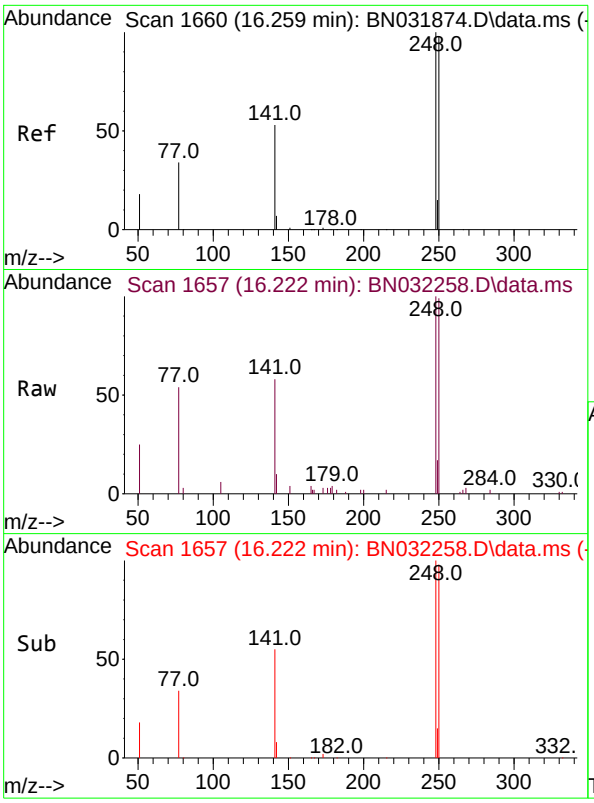


#20
4,6-Dinitro-2-methylphenol
Concen: 0.316 ng
RT: 15.450 min Scan# 1594
Delta R.T. 0.010 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:198 Resp: 868

Ion	Ratio	Lower	Upper
198	100		
51	101.1	42.7	64.1#
105	88.8	41.8	62.8#



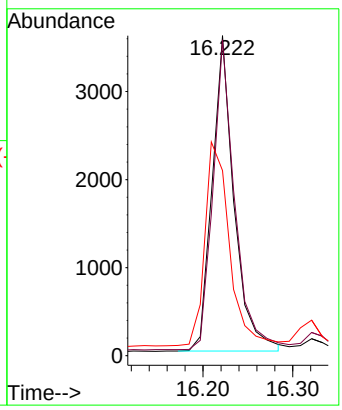


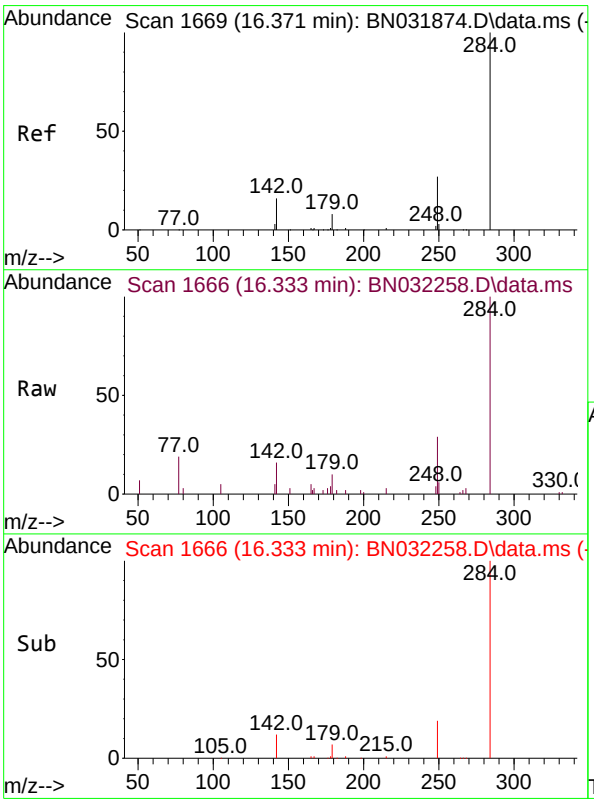
#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.222 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:248 Resp: 6091

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.5	117.7
141	57.9	43.1	64.7

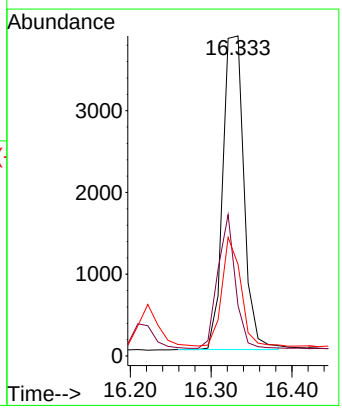


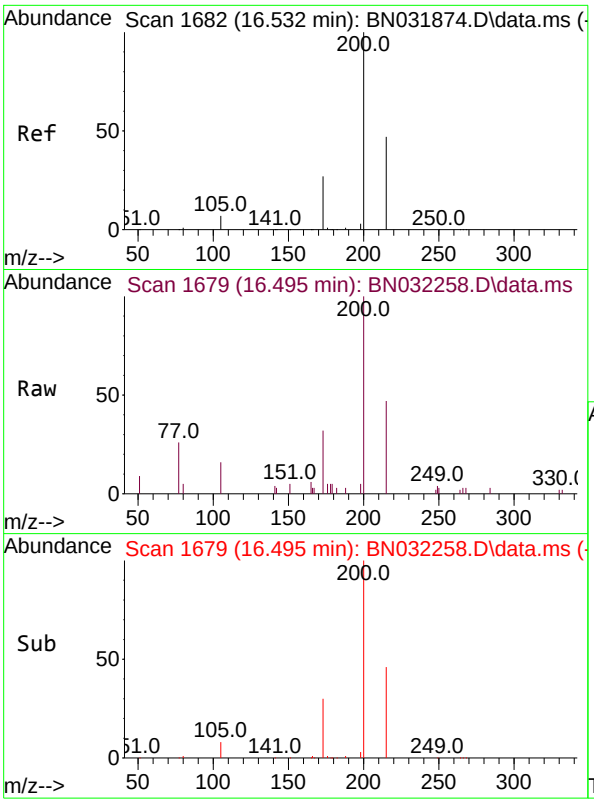


#22
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.333 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:284 Resp: 6989

Ion	Ratio	Lower	Upper
284	100		
142	35.2	30.7	46.1
249	30.7	25.0	37.4



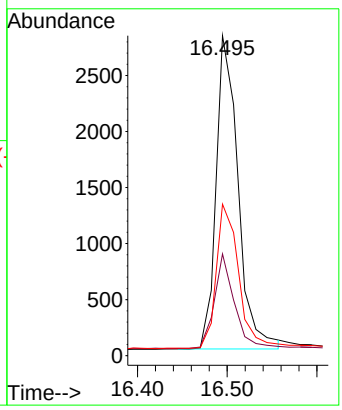


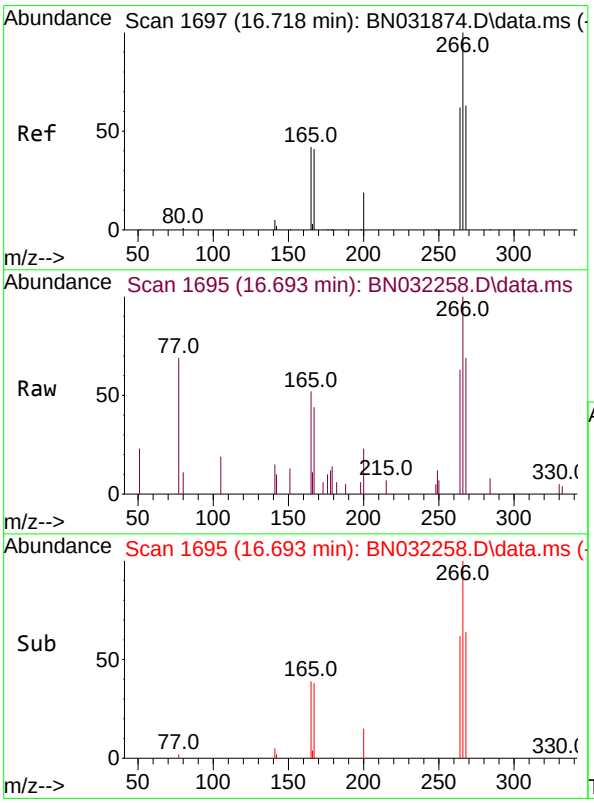
#23
Atrazine
Concen: 0.314 ng
RT: 16.495 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:200 Resp: 4751

Ion	Ratio	Lower	Upper
200	100		
173	31.8	22.0	33.0
215	47.4	37.9	56.9

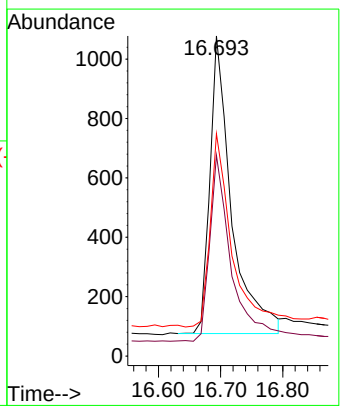


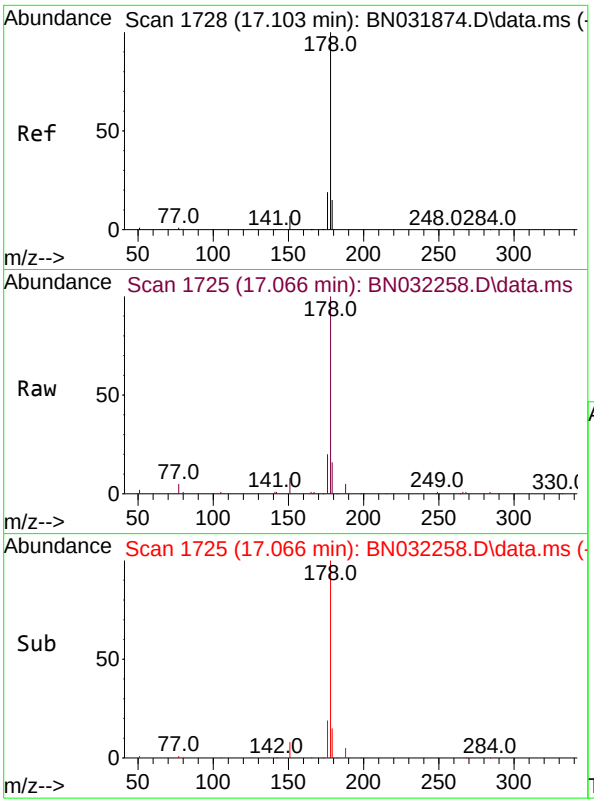


#24
Pentachlorophenol
Concen: 0.392 ng
RT: 16.693 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:266 Resp: 2413

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.0	75.0
268	64.9	51.0	76.6



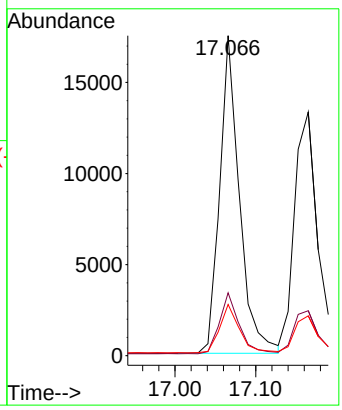


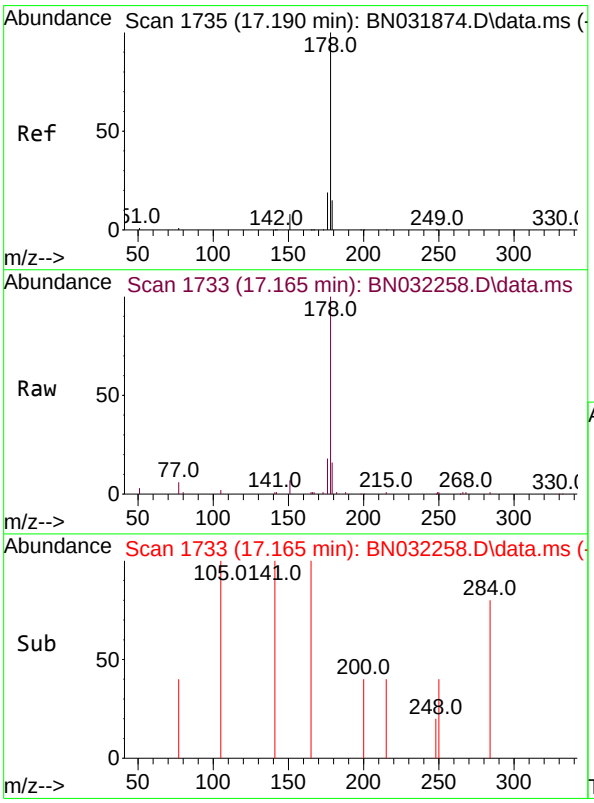
#25
Phenanthrene
Concen: 0.367 ng
RT: 17.066 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:178 Resp: 29638

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.2

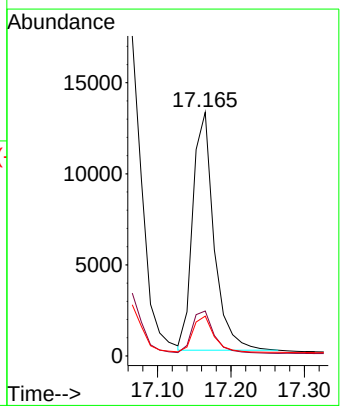


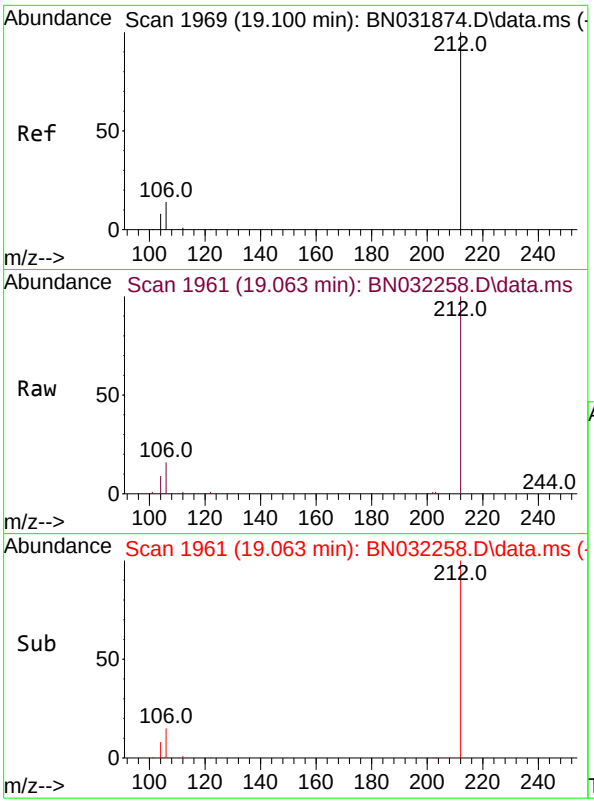


#26
Anthracene
Concen: 0.351 ng
RT: 17.165 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:178 Resp: 26272

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.1	12.2	18.2



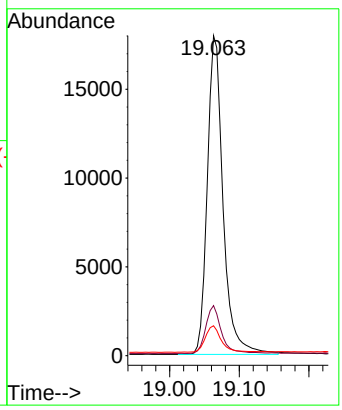


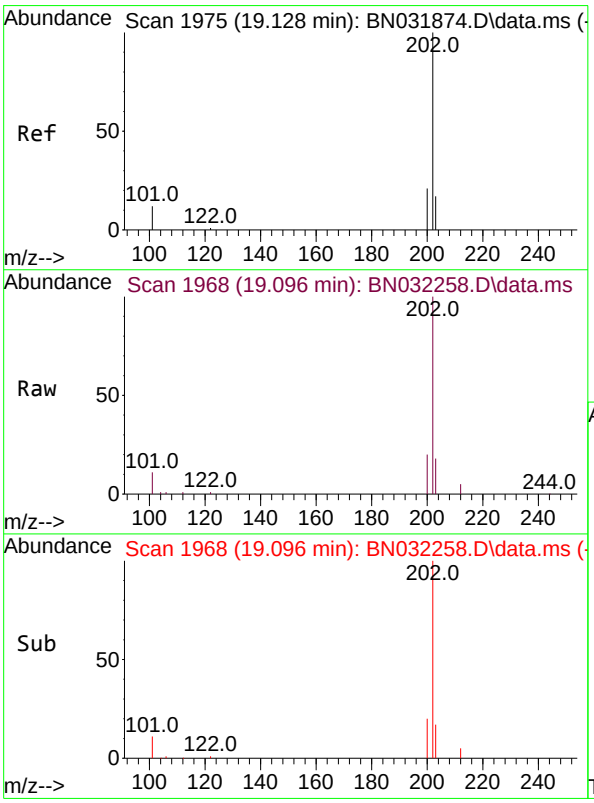
#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.063 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:212 Resp: 28267

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.8	17.8
104	8.6	6.6	10.0

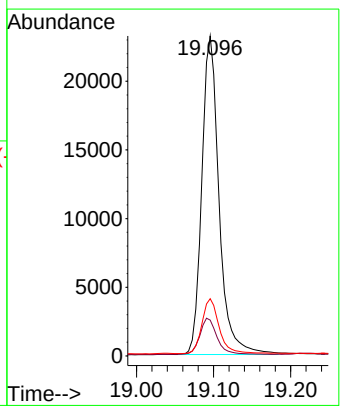


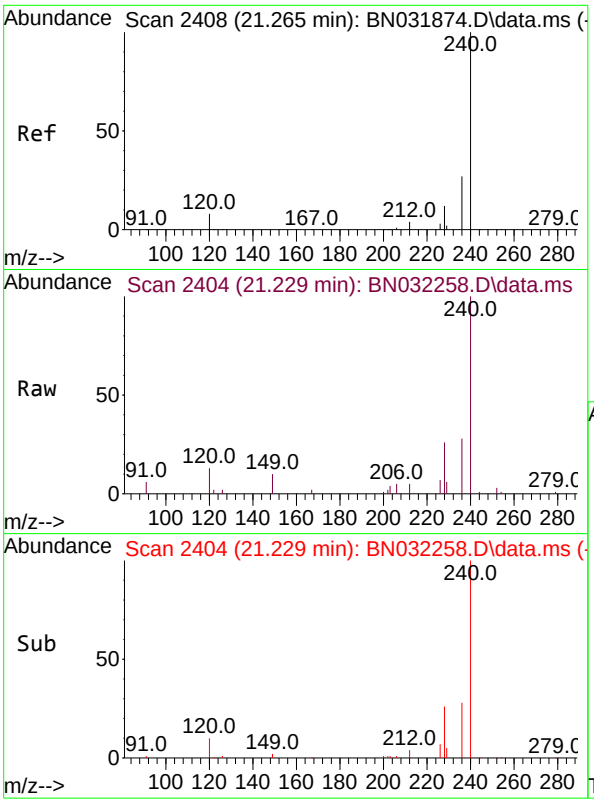


#28
Fluoranthene
Concen: 0.369 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:202 Resp: 36142

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
203	17.1	13.7	20.5



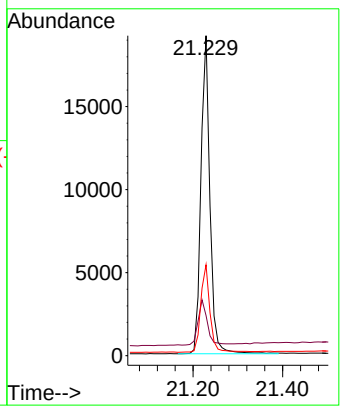


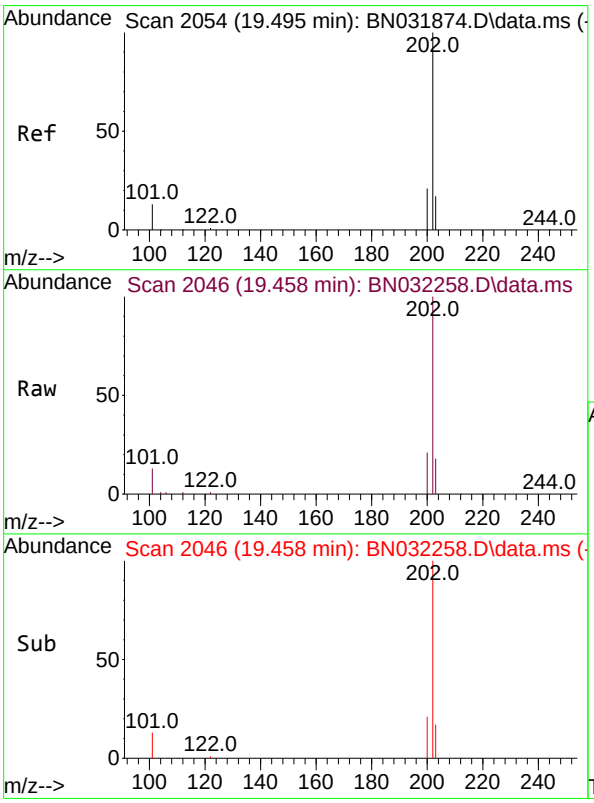
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:240 Resp: 26811

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.2	12.4#
236	28.4	21.8	32.8

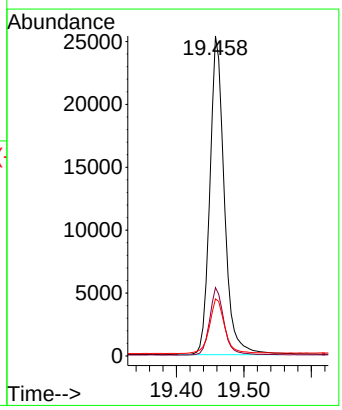


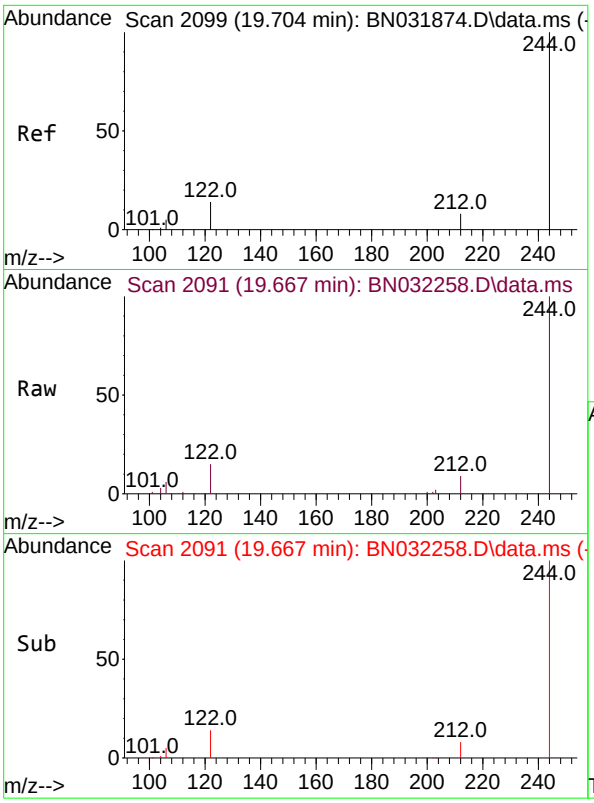


#30
Pyrene
Concen: 0.354 ng
RT: 19.458 min Scan# 2046
Delta R.T. -0.009 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:202 Resp: 37761

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.3	14.3	21.5



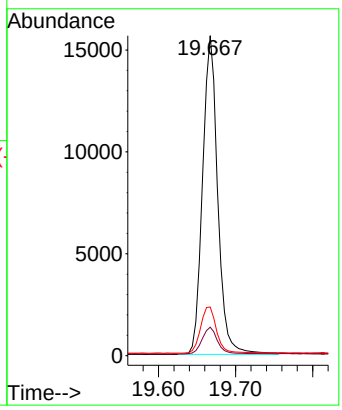


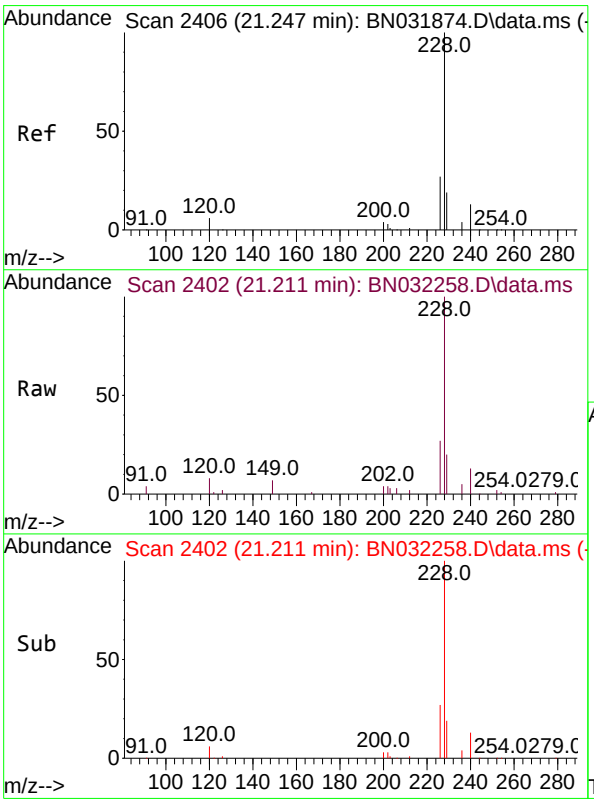
#31
Terphenyl-d14
Concen: 0.326 ng
RT: 19.667 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:244 Resp: 21347

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	15.2	11.4	17.0

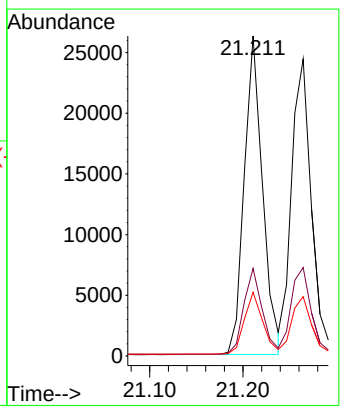


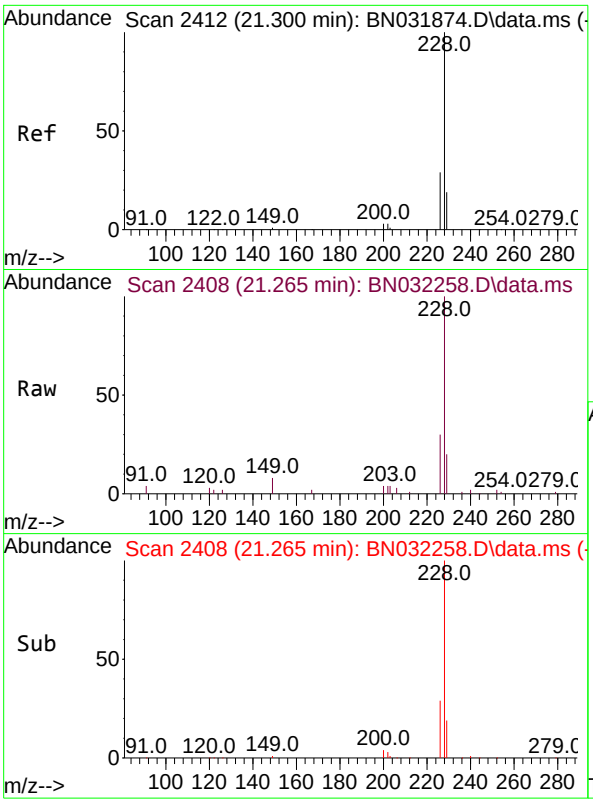


#32
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:228 Resp: 36002

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.9	15.8	23.8



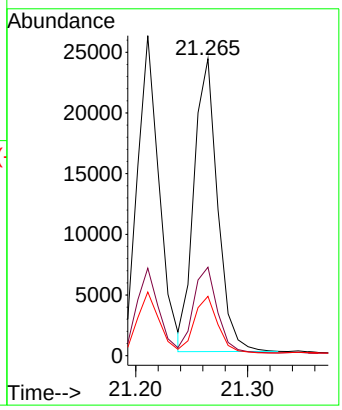


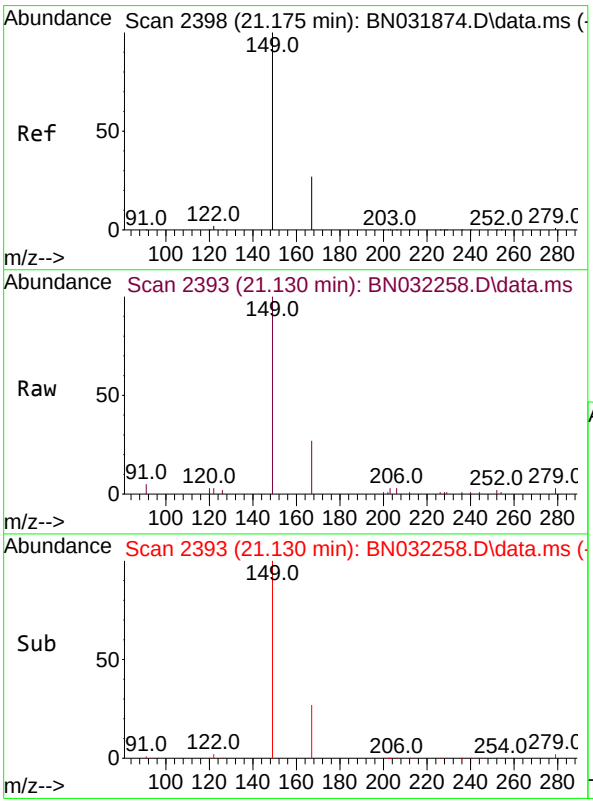
#33
Chrysene
Concen: 0.370 ng
RT: 21.265 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:228 Resp: 35325

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	20.0	15.8	23.6

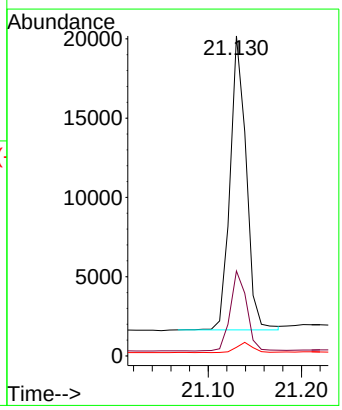


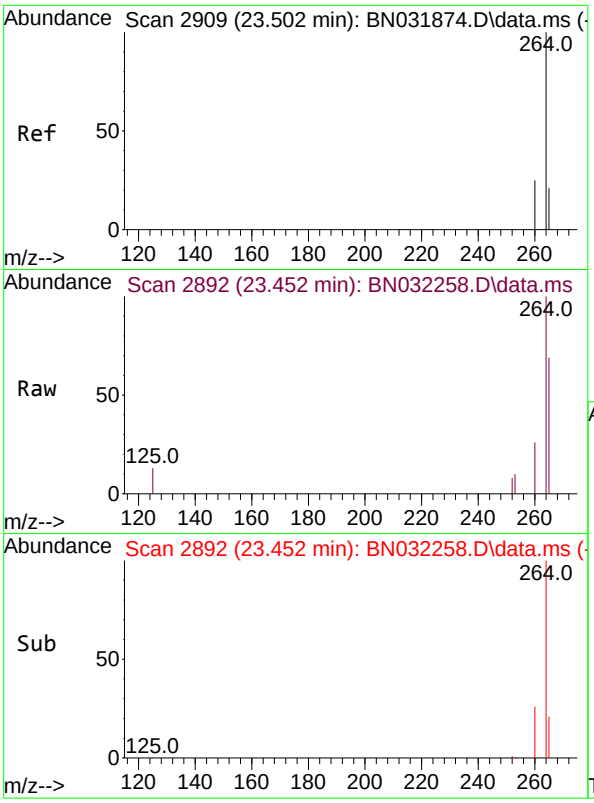


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:149 Resp: 22170

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	3.5	2.9	4.3



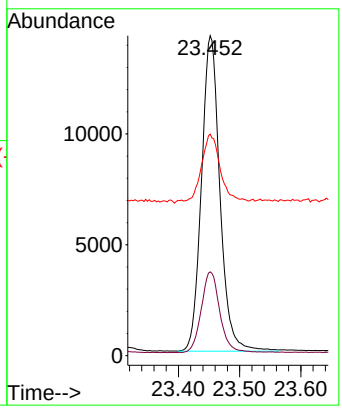


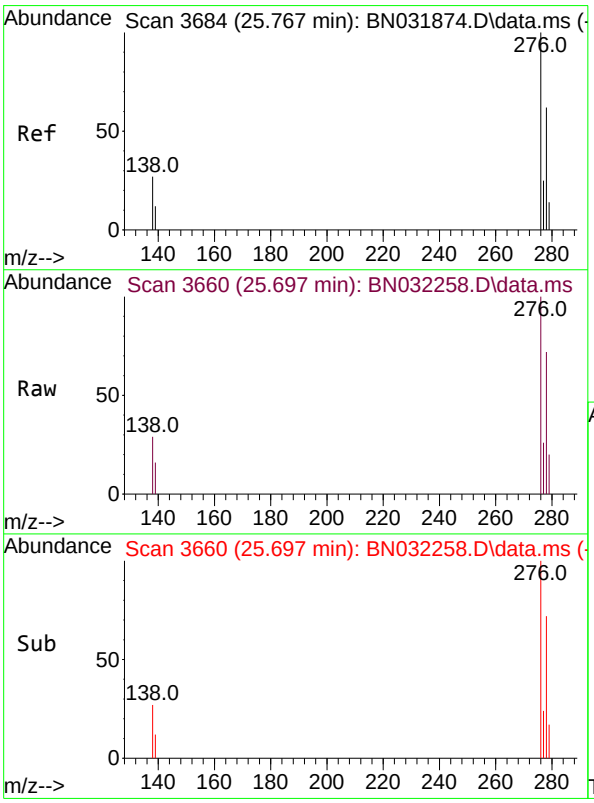
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.452 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:264 Resp: 29741

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	69.3	39.6	59.4#

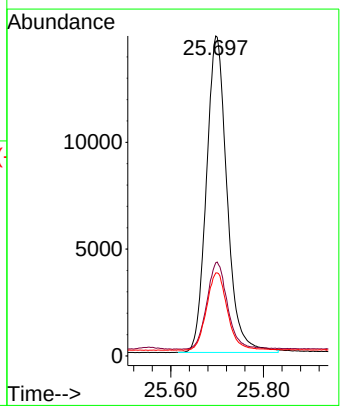


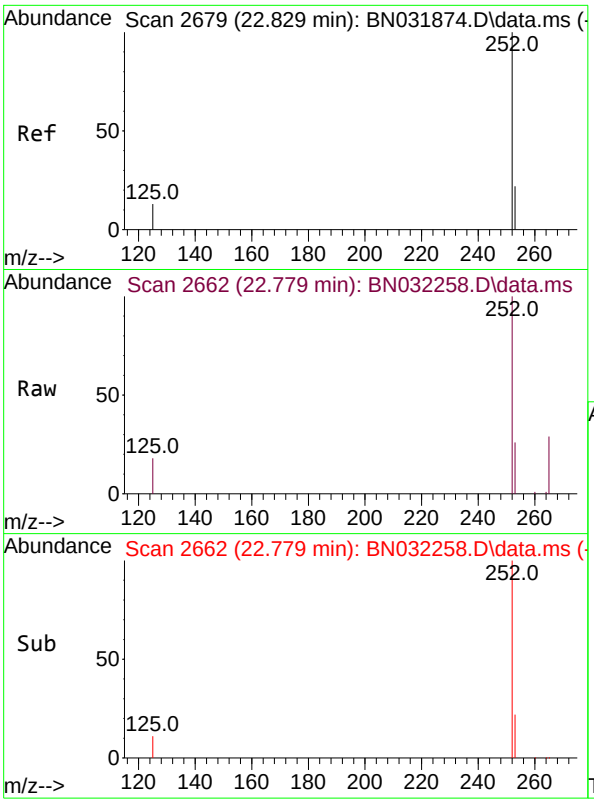


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 25.697 min Scan# 3660
Delta R.T. 0.003 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:276 Resp: 45769

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.5	32.3
277	25.0	19.8	29.8



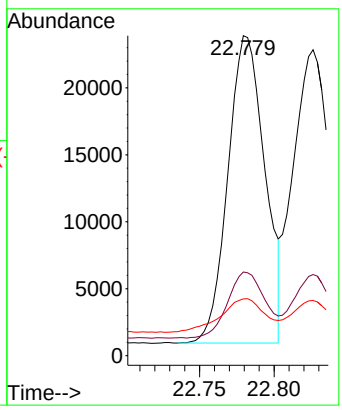


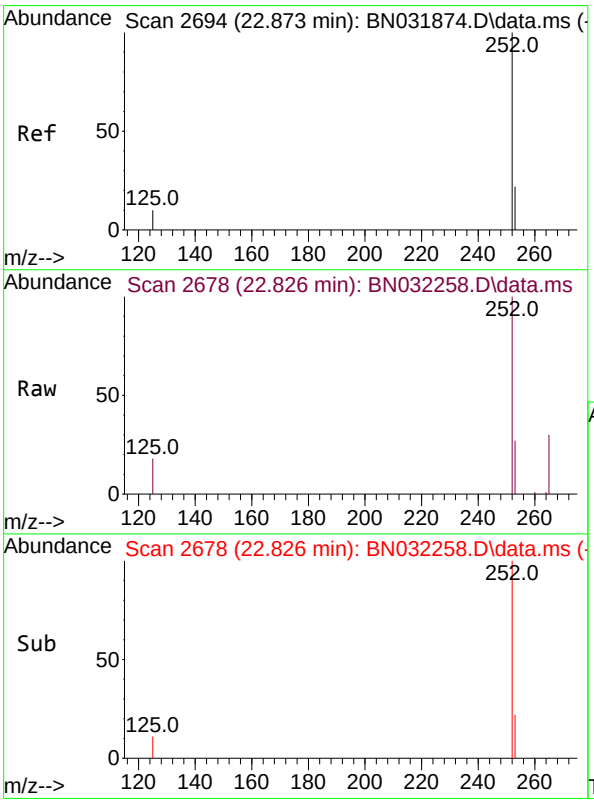
#37
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.779 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:252 Resp: 39467

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.2	30.2
125	17.7	14.2	21.4

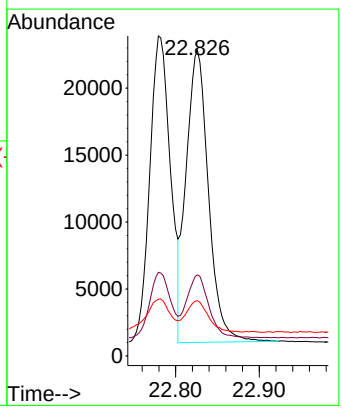


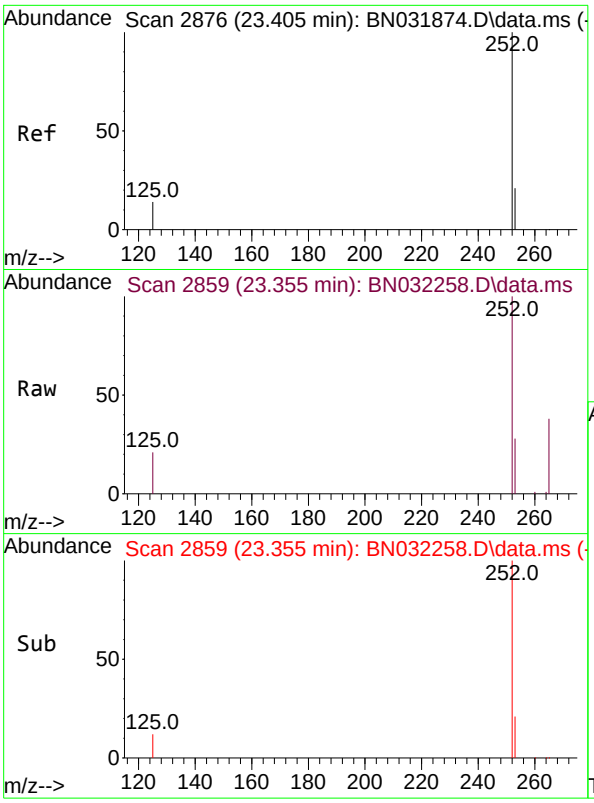


#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 22.826 min Scan# 2678
Delta R.T. -0.003 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:252 Resp: 40449

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.9	29.9
125	18.0	13.0	19.4



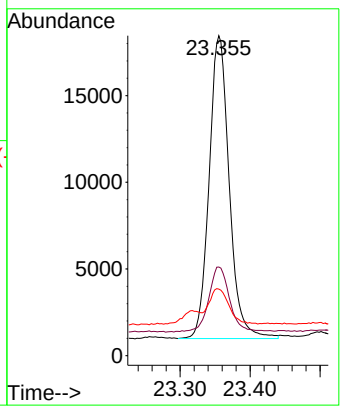


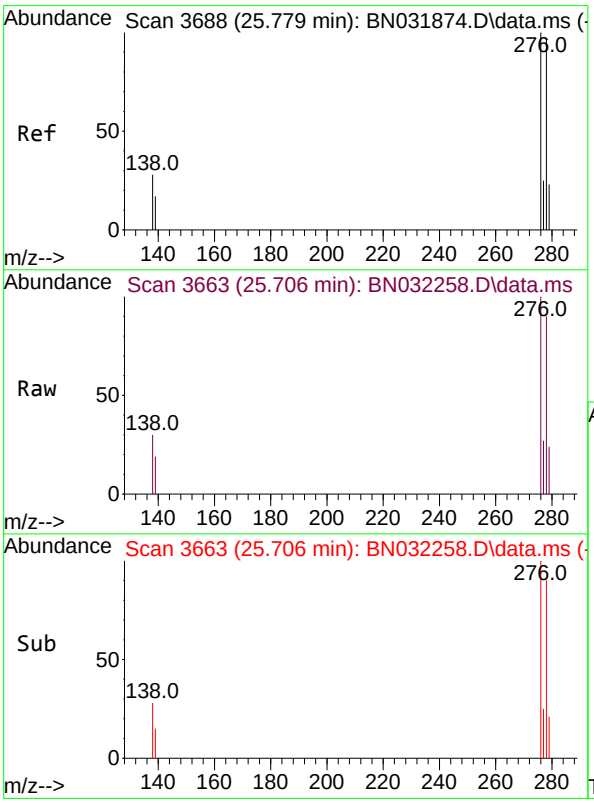
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.355 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:252 Resp: 34874

Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.5	30.7
125	20.8	16.4	24.6

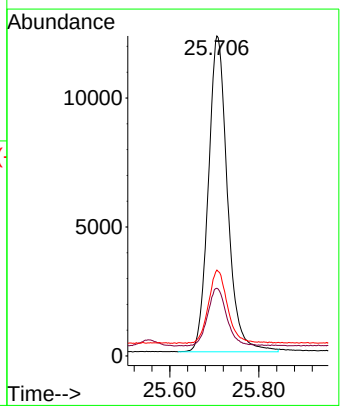


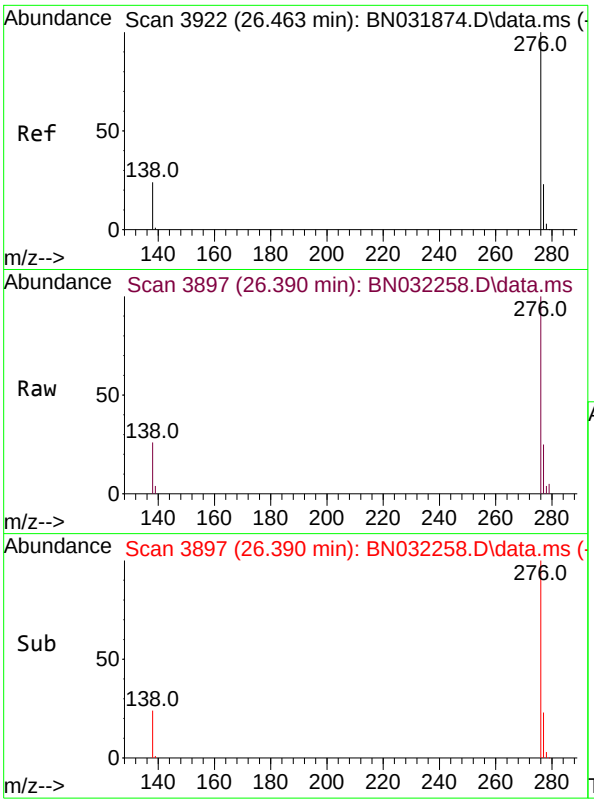


#40
Dibenzo(a,h)anthracene
Concen: 0.419 ng
RT: 25.706 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Tgt Ion:278 Resp: 36612

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.0	25.4
279	26.9	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 26.390 min Scan# 3
Delta R.T. 0.011 min
Lab File: BN032258.D
Acq: 26 Jun 2024 02:55

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Tgt Ion:276 Resp: 38424

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.2	30.2
138	26.3	20.6	31.0