Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032251.D
Acq On : 25 Jun 2024 22:42
Operator : MA/JU
Sample : PB161660BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Quant Time: Jun 26 02:54:25 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	7.632	152	7787	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	22427	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	12513	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	25700	0.400	ng	0.00
29) Chrysene-d12	21.229	240	22037	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	25263	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	7320	0.331	ng	0.00
5) Phenol-d6	6.823	99	8159	0.281	ng	0.00
8) Nitrobenzene-d5	8.788	82	6083	0.326	ng	-0.01
11) 2-Methylnaphthalene-d10	12.005	152	14606	0.409	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	2041	0.340	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	16530	0.348	ng	-0.01
27) Fluoranthene-d10	19.068	212	23856	0.341	ng	0.00
31) Terphenyl-d14	19.667	244	17279	0.321	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	2470	0.259	ng	# 68
3) n-Nitrosodimethylamine	3.508	42	2751	0.304	ng	99
6) bis(2-Chloroethyl)ether	7.068	93	6535	0.261	ng	96
9) Naphthalene	10.453	128	19794	0.328	ng	99
10) Hexachlorobutadiene	10.731	225	3834	0.363	ng	# 99
12) 2-Methylnaphthalene	12.077	142	12849	0.311	ng	99
16) Acenaphthylene	13.996	152	19532	0.339	ng	100
17) Acenaphthene	14.338	154	11829	0.319	ng	99
18) Fluorene	15.333	166	15388	0.310	ng	100
20) 4,6-Dinitro-2-methylph...	15.450	198	633	0.292	ng	# 33
21) 4-Bromophenyl-phenylether	16.222	248	4892	0.336	ng	95
22) Hexachlorobenzene	16.334	284	5539	0.367	ng	97
23) Atrazine	16.495	200	4223	0.316	ng	# 96
24) Pentachlorophenol	16.694	266	3942	0.581	ng	99
25) Phenanthrene	17.066	178	26283	0.369	ng	100
26) Anthracene	17.165	178	27072	0.409	ng	100
28) Fluoranthene	19.096	202	34570	0.400	ng	99
30) Pyrene	19.463	202	36806	0.420	ng	100
32) Benzo(a)anthracene	21.211	228	40578	0.489	ng	100
33) Chrysene	21.265	228	39398	0.502	ng	99
34) Bis(2-ethylhexyl)phtha...	21.130	149	20199	0.356	ng	99
36) Indeno(1,2,3-cd)pyrene	25.697	276	57644	0.612	ng	100
37) Benzo(b)fluoranthene	22.782	252	44225	0.480	ng	98
38) Benzo(k)fluoranthene	22.826	252	44893	0.516	ng	97
39) Benzo(a)pyrene	23.355	252	40791	0.513	ng	97
40) Dibenzo(a,h)anthracene	25.709	278	44741	0.603	ng	99
41) Benzo(g,h,i)perylene	26.387	276	44601	0.559	ng	99

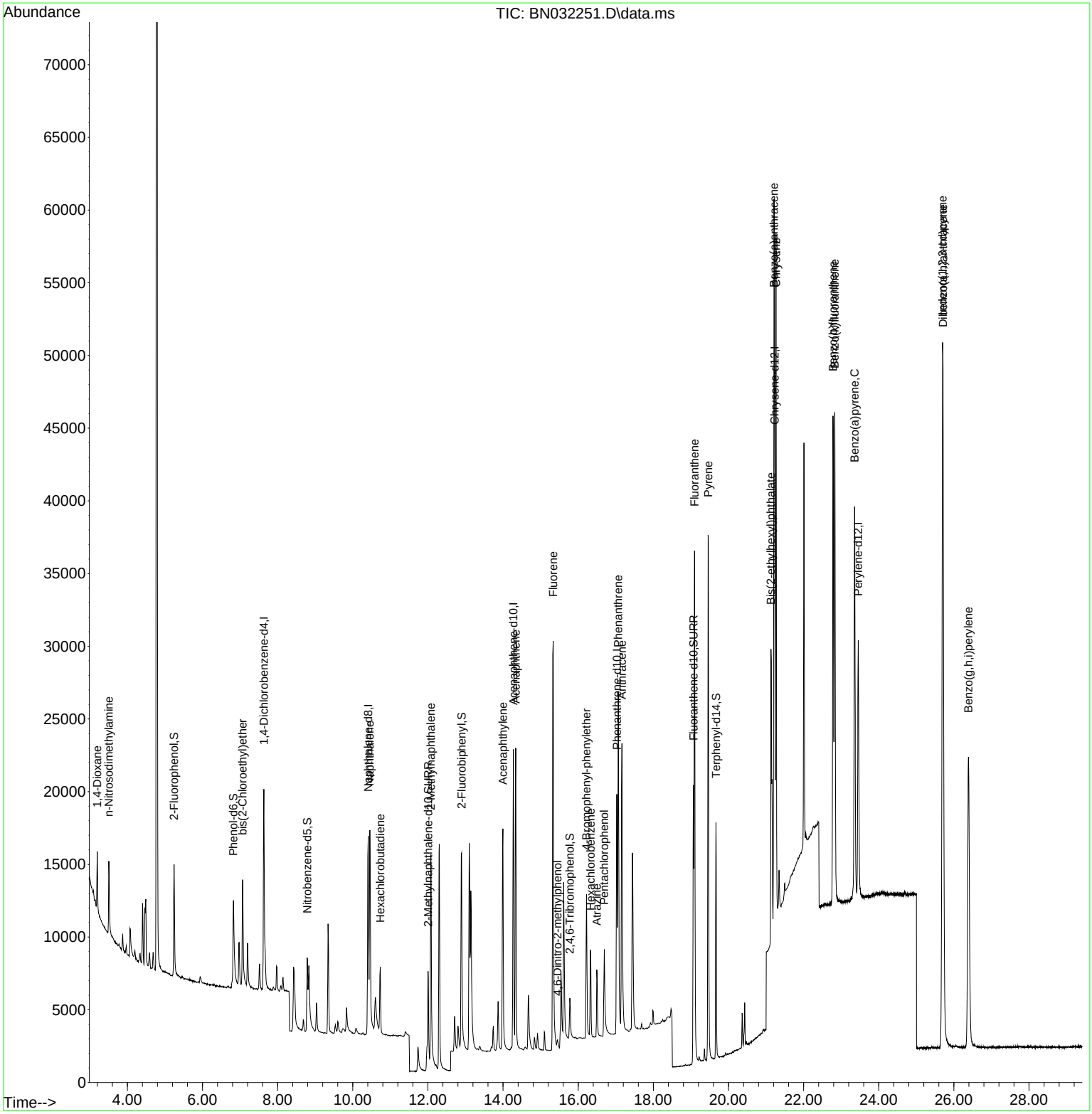
(#) = qualifier out of range (m) = manual integration (+) = signals summed

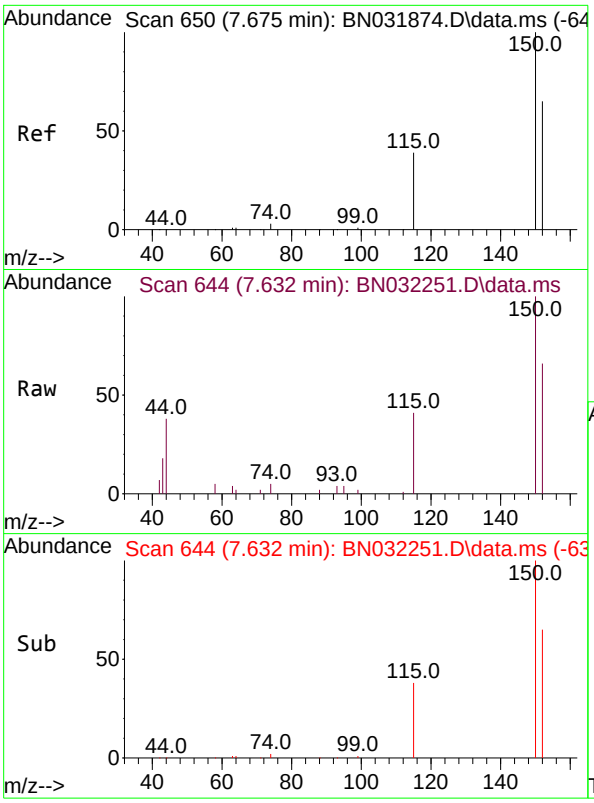
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032251.D
Acq On : 25 Jun 2024 22:42
Operator : MA/JU
Sample : PB161660BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Quant Time: Jun 26 02:54:25 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



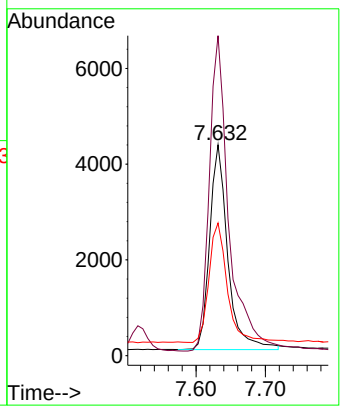


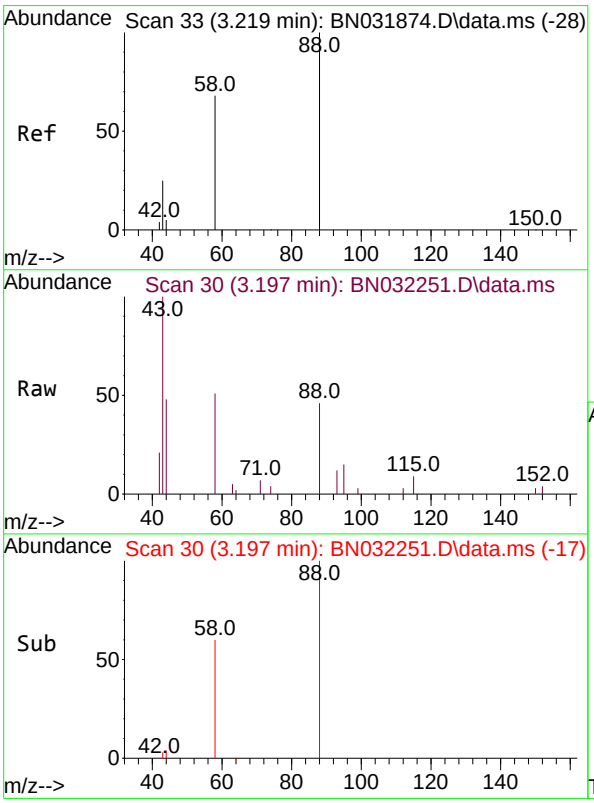
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.632 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:152 Resp: 7787

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.0	181.4
115	62.9	49.4	74.0

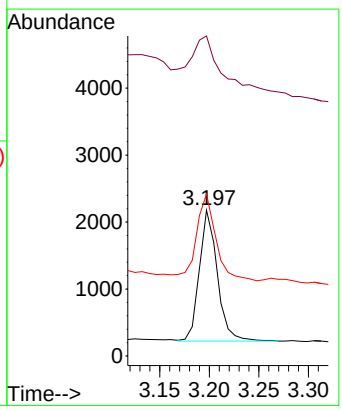


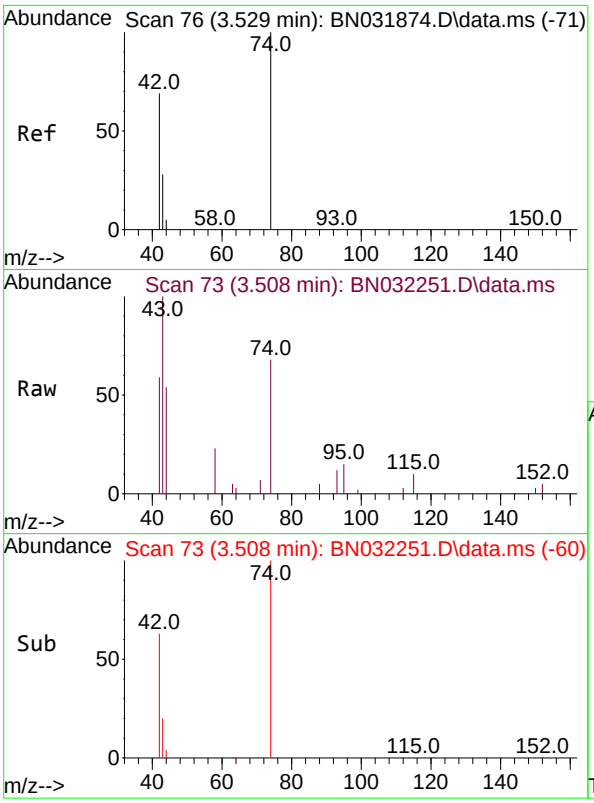


#2
1,4-Dioxane
Concen: 0.259 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion: 88 Resp: 2470

Ion	Ratio	Lower	Upper
88	100		
43	69.9	22.7	34.1#
58	72.9	51.3	76.9



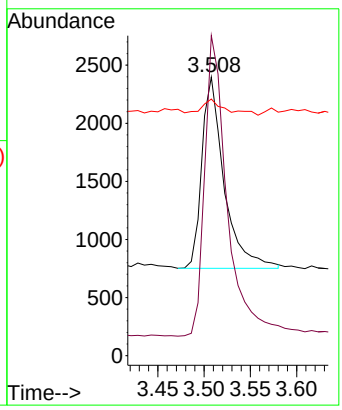


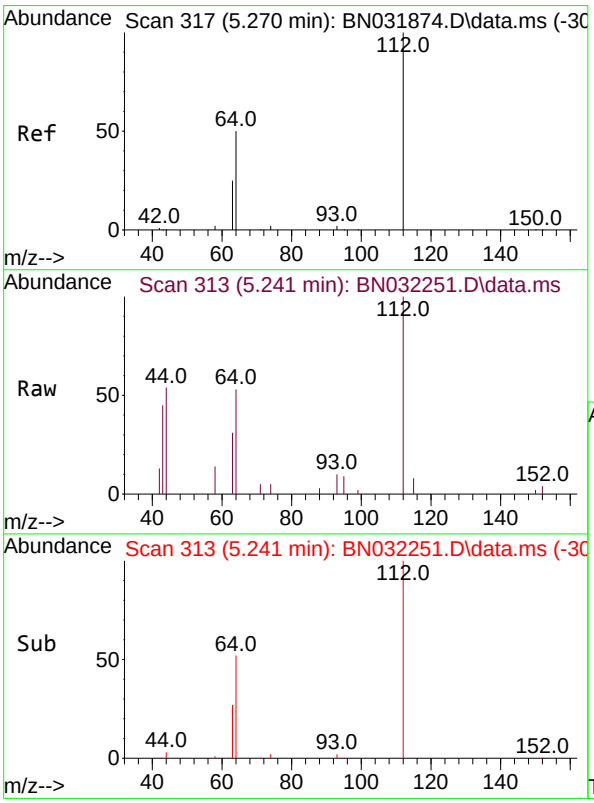
#3
n-Nitrosodimethylamine
Concen: 0.304 ng
RT: 3.508 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion: 42 Resp: 2751

Ion	Ratio	Lower	Upper
42	100		
74	158.2	125.2	187.8
44	8.8	6.9	10.3

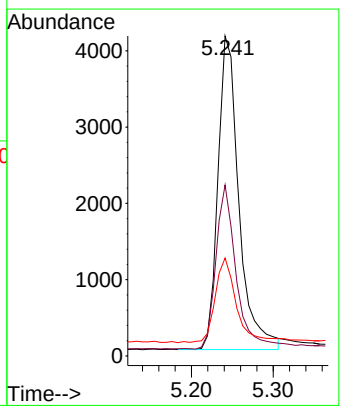


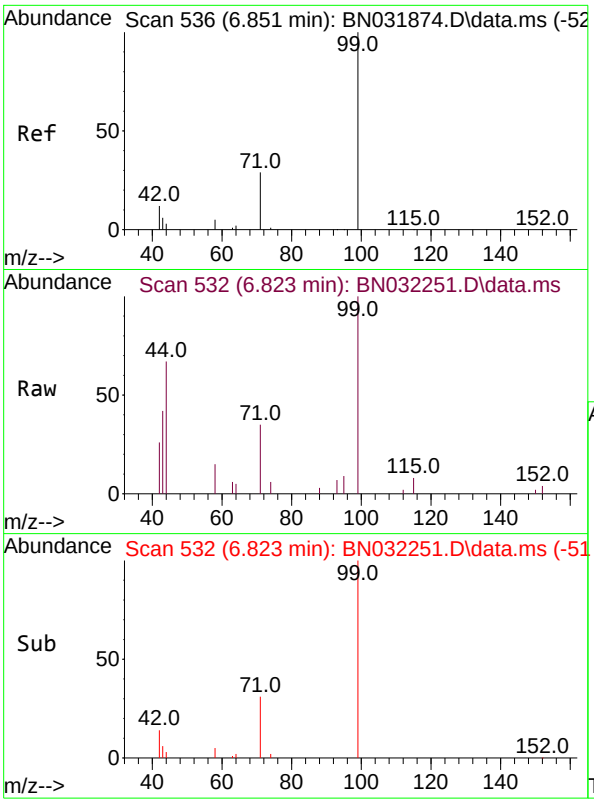


#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.241 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:112 Resp: 7320

Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.4	63.6
63	27.3	22.1	33.1



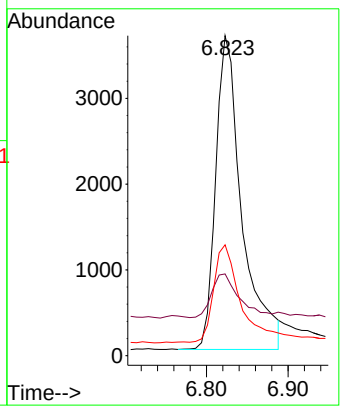


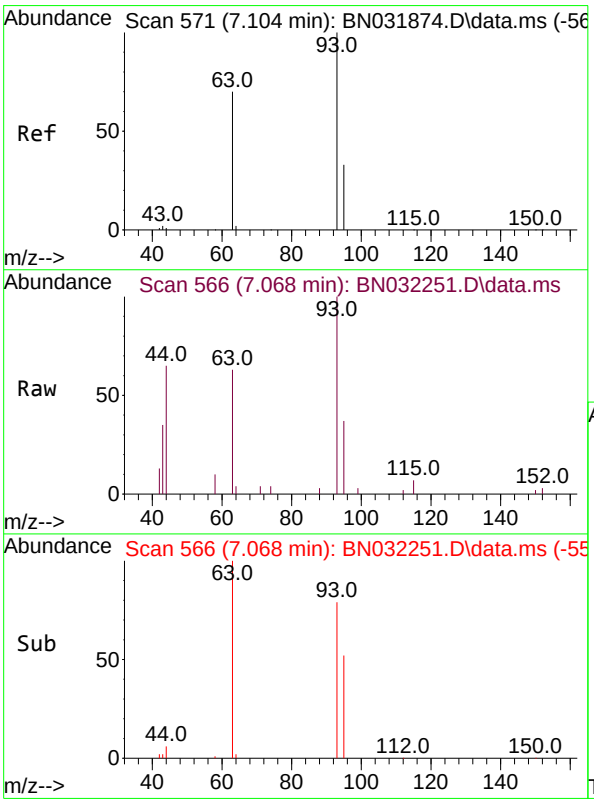
#5
Phenol-d6
Concen: 0.281 ng
RT: 6.823 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion: 99 Resp: 8159

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	32.2	25.4	38.2

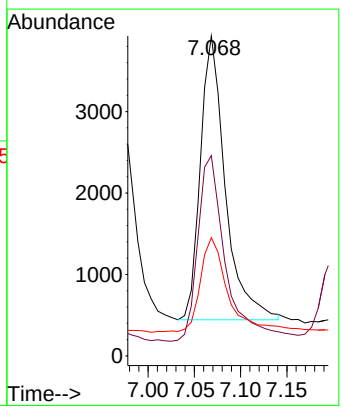


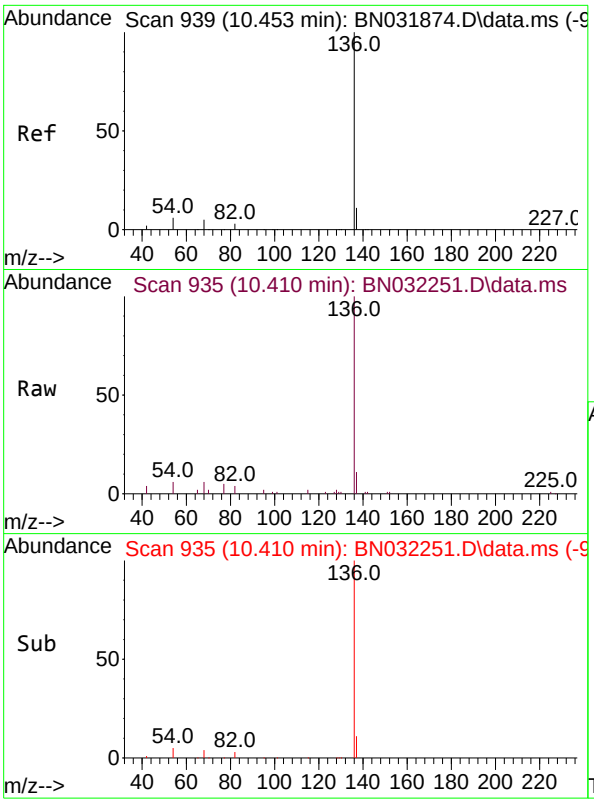


#6
bis(2-Chloroethyl)ether
Concen: 0.261 ng
RT: 7.068 min Scan# 566
Delta R.T. -0.014 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion: 93 Resp: 6535

Ion	Ratio	Lower	Upper
93	100		
63	72.4	56.2	84.2
95	36.6	26.4	39.6



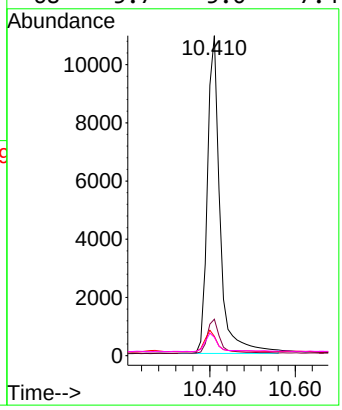


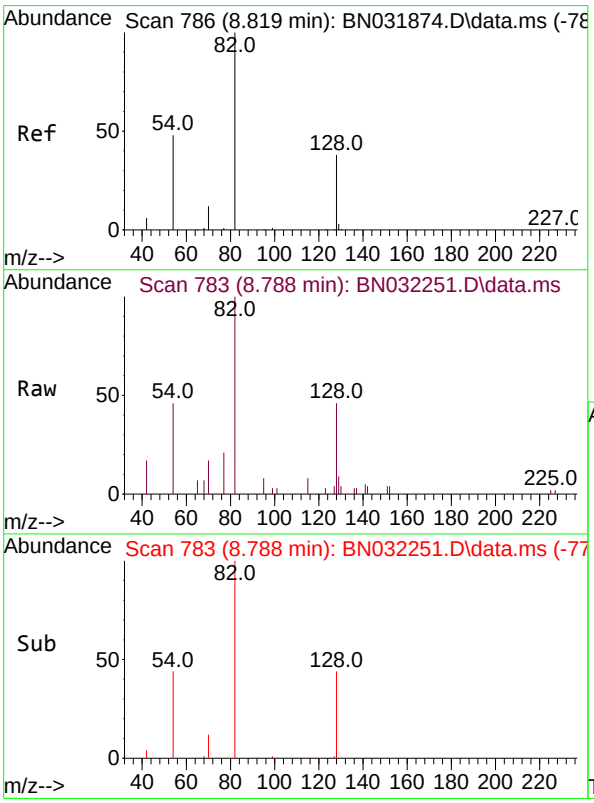
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:136 Resp: 22427

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.0	5.6	8.4
68	5.7	5.0	7.4

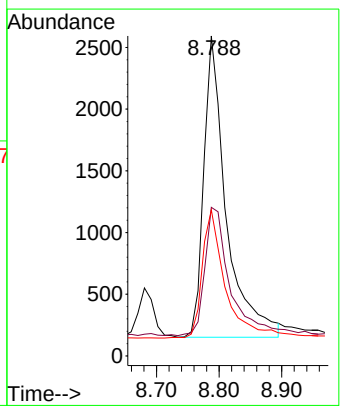


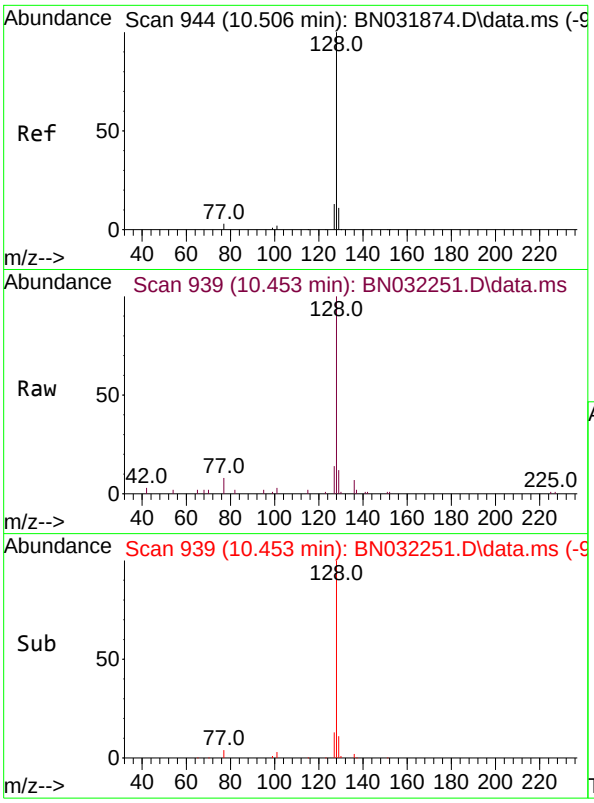


#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion: 82 Resp: 6083

Ion	Ratio	Lower	Upper
82	100		
128	46.5	32.1	48.1
54	45.6	39.7	59.5



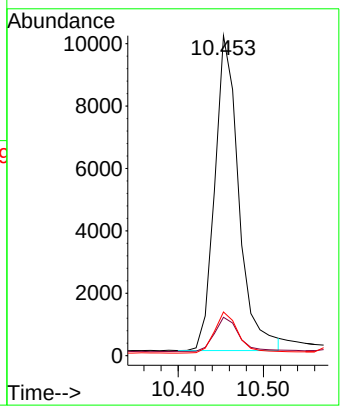


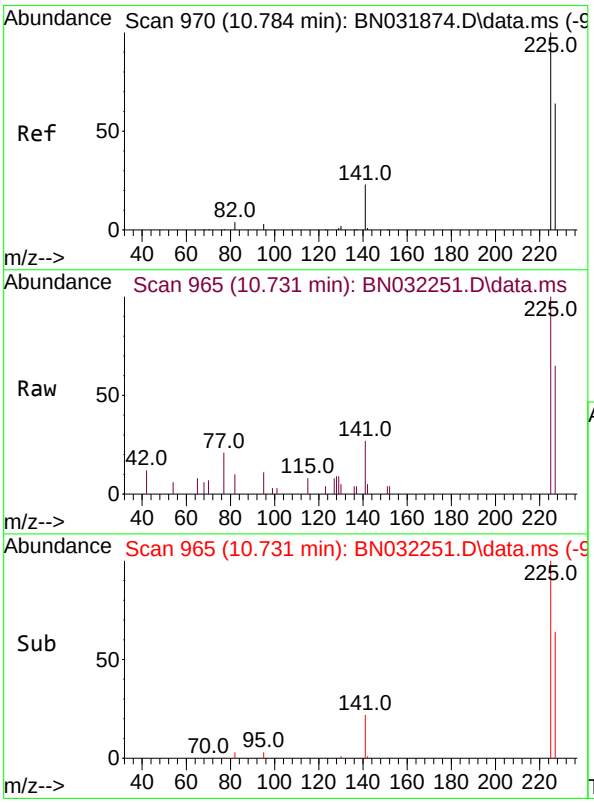
#9
Naphthalene
Concen: 0.328 ng
RT: 10.453 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:128 Resp: 19794

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.6	10.5	15.7

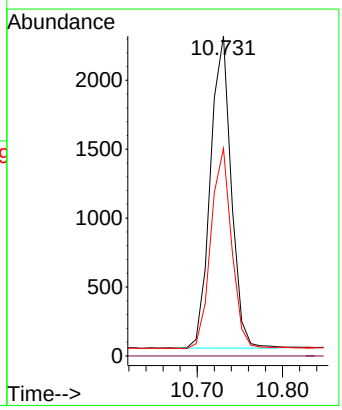


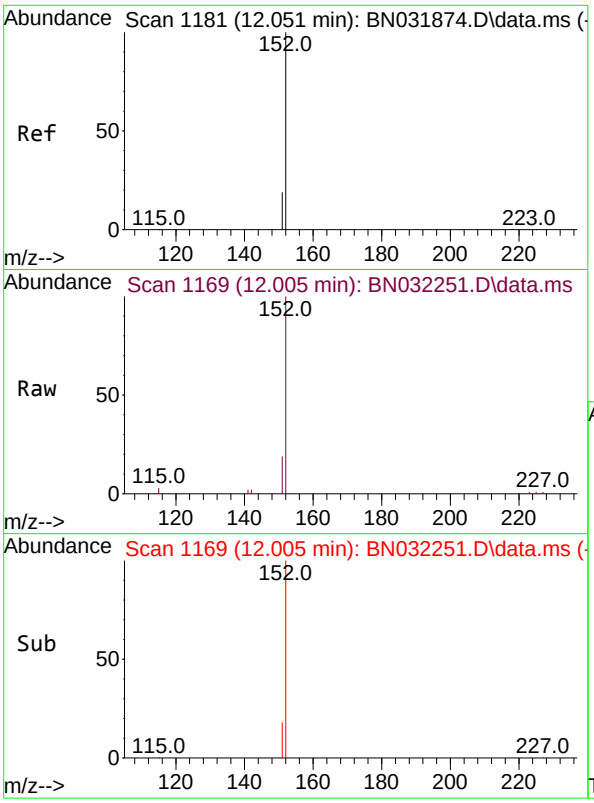


#10
Hexachlorobutadiene
Concen: 0.363 ng
RT: 10.731 min Scan# 965
Delta R.T. -0.021 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:225 Resp: 3834

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.6	75.8



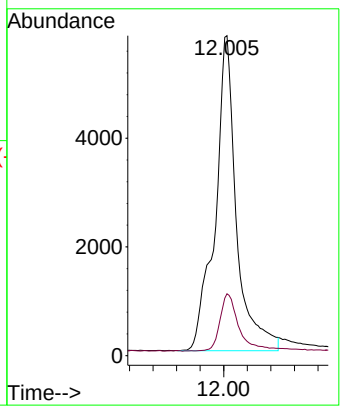


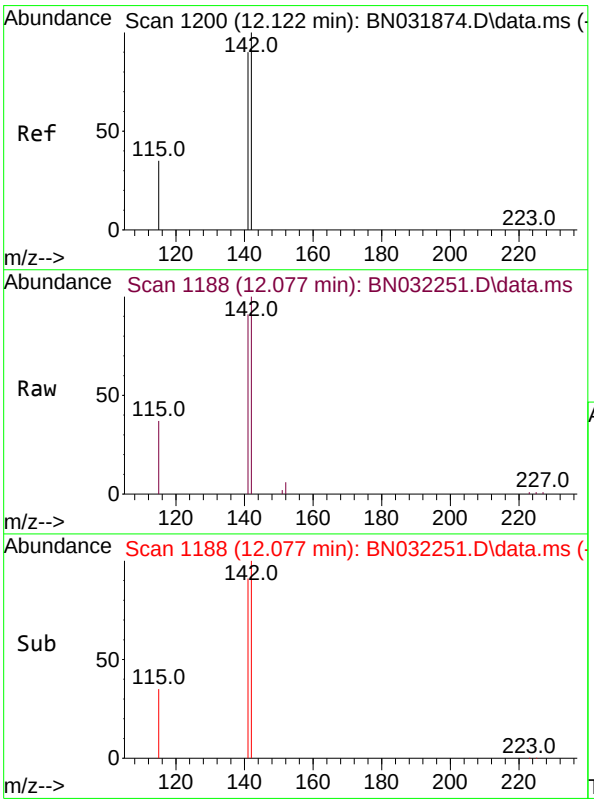
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.005 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:152 Resp: 14606

Ion	Ratio	Lower	Upper
152	100		
151	16.0	16.3	24.5#

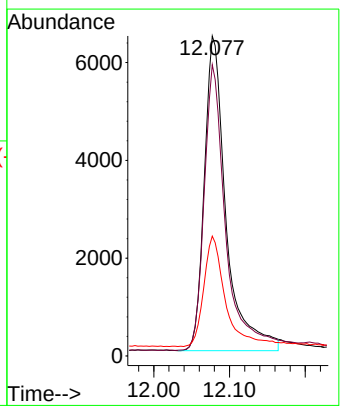


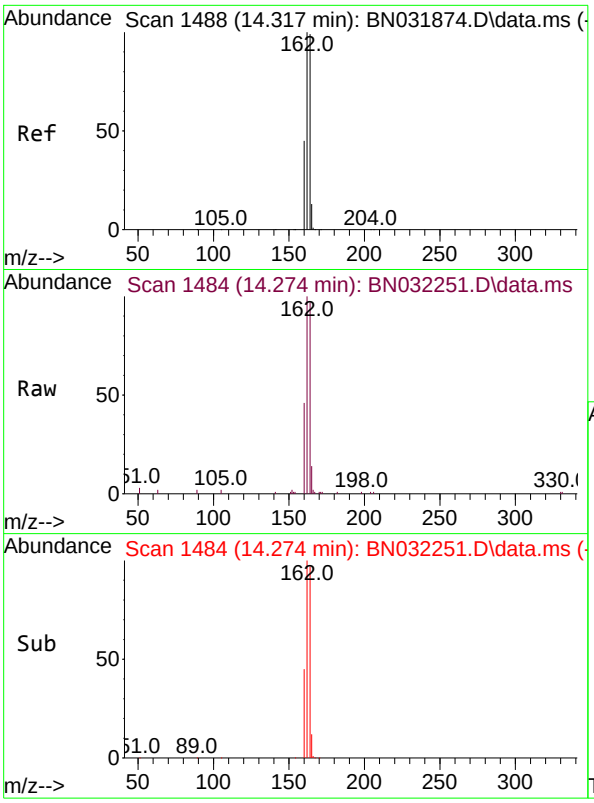


#12
2-Methylnaphthalene
Concen: 0.311 ng
RT: 12.077 min Scan# 1188
Delta R.T. -0.015 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:142 Resp: 12849

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.2	108.2
115	37.4	28.6	43.0



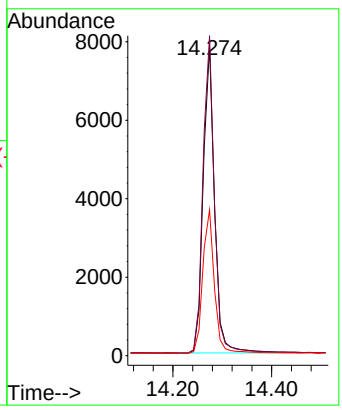


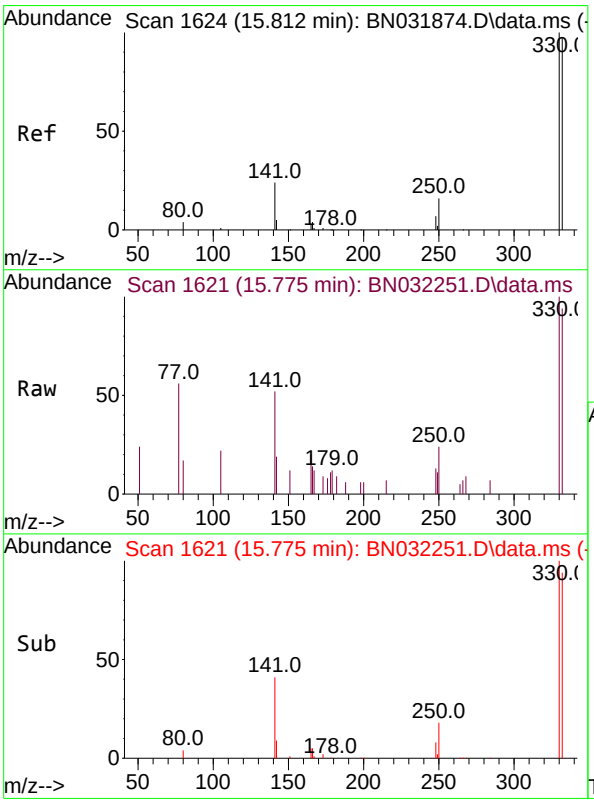
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:164 Resp: 12513

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	47.2	36.2	54.4

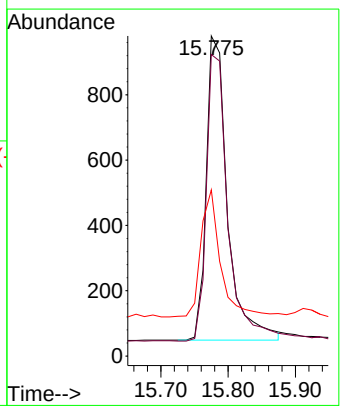


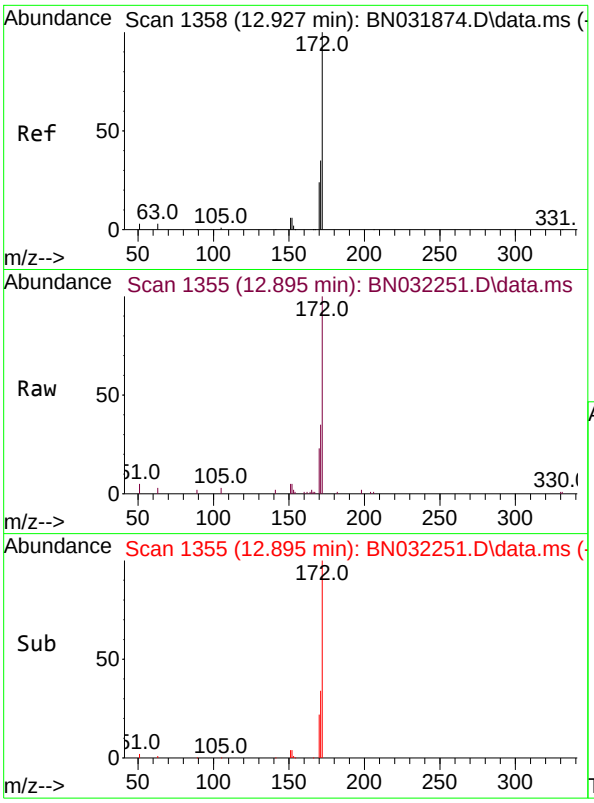


#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:330 Resp: 2041

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	38.5	34.7	52.1



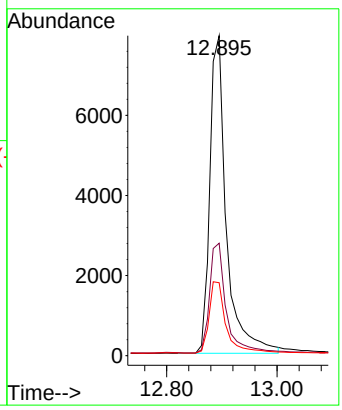


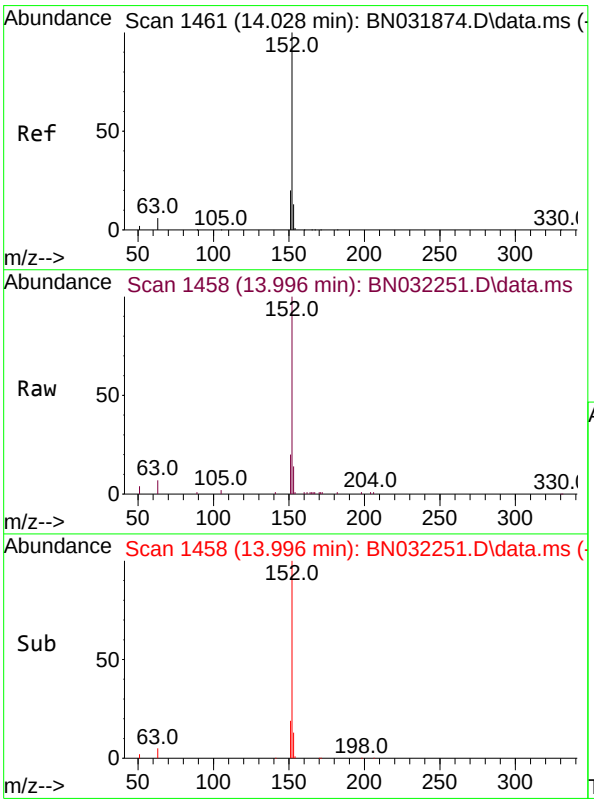
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:172 Resp: 16530

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	22.8	19.2	28.8

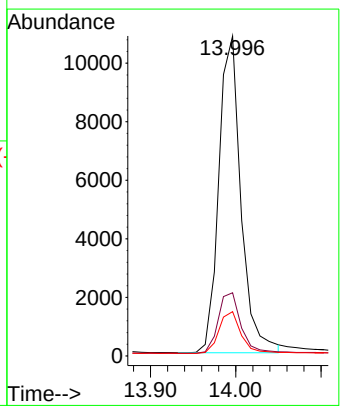


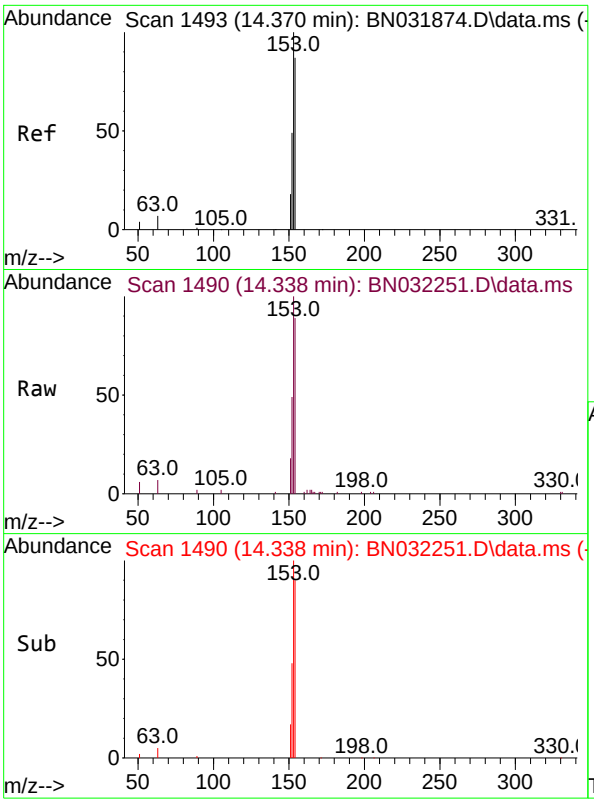


#16
Acenaphthylene
Concen: 0.339 ng
RT: 13.996 min Scan# 1458
Delta R.T. -0.011 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:152 Resp: 19532

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7



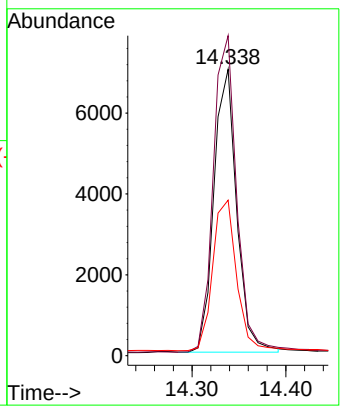


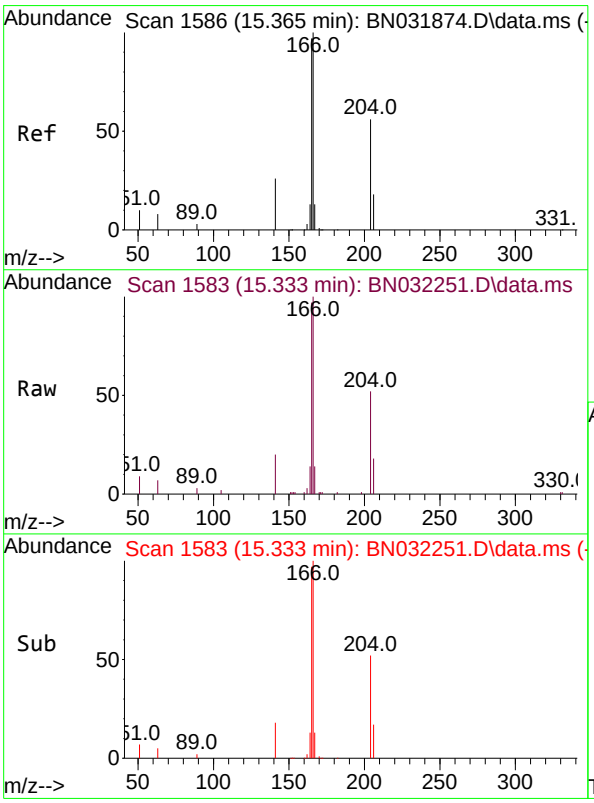
#17
Acenaphthene
Concen: 0.319 ng
RT: 14.338 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:154 Resp: 11829

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.8	136.2
152	55.7	44.3	66.5

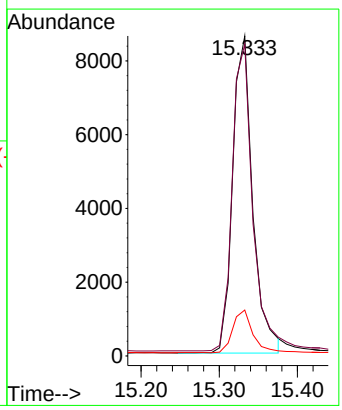


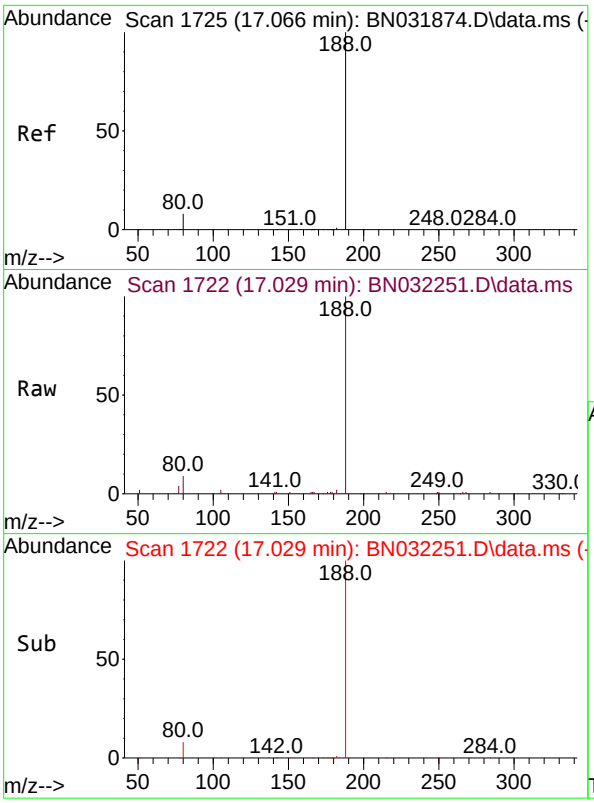


#18
Fluorene
Concen: 0.310 ng
RT: 15.333 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:166 Resp: 15388

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.3	10.7	16.1



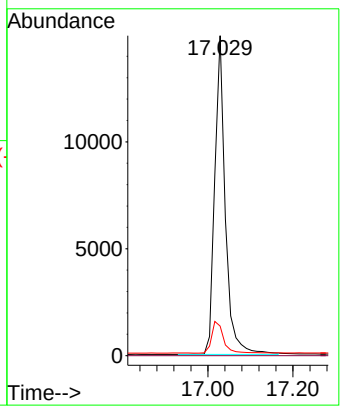


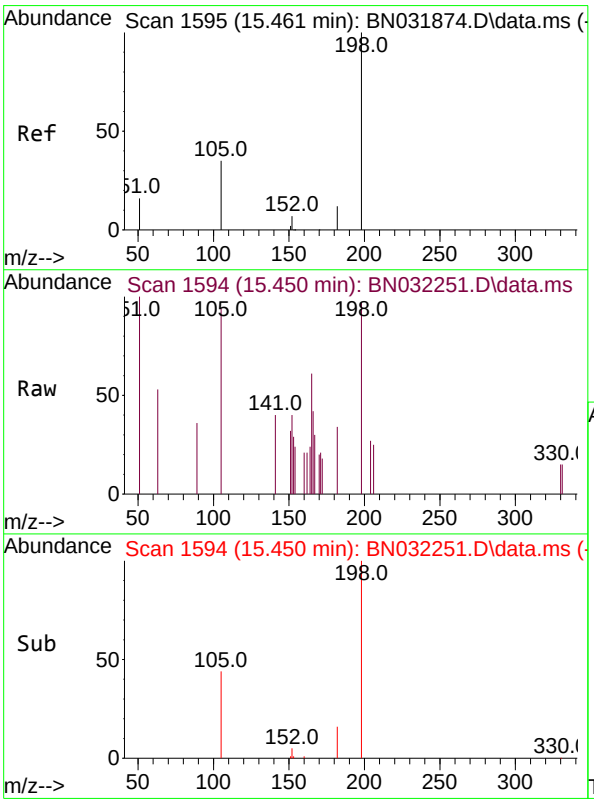
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:188 Resp: 25700

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	6.4	9.6

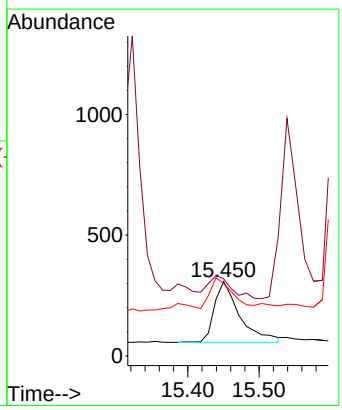


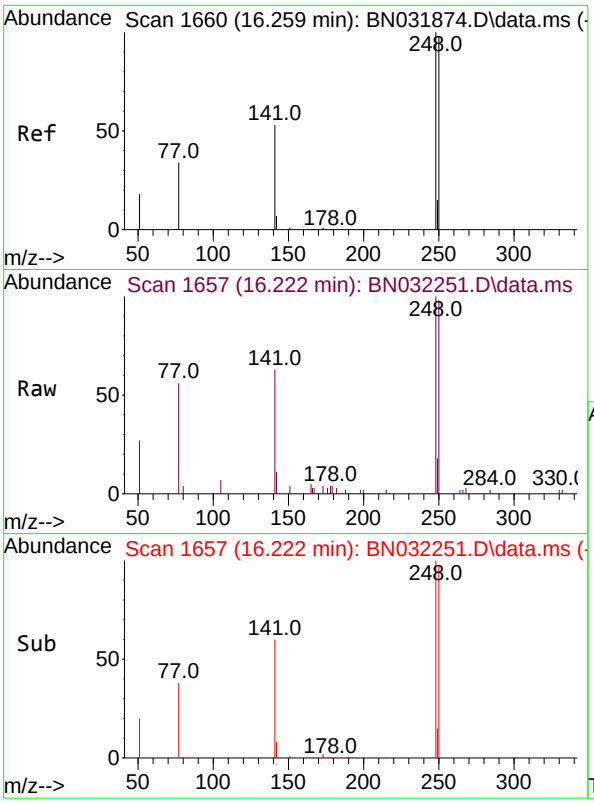


#20
4,6-Dinitro-2-methylphenol
Concen: 0.292 ng
RT: 15.450 min Scan# 1594
Delta R.T. 0.011 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:198 Resp: 633

Ion	Ratio	Lower	Upper
198	100		
51	103.6	42.7	64.1#
105	97.4	41.8	62.8#



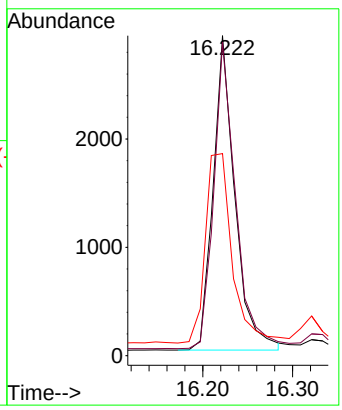


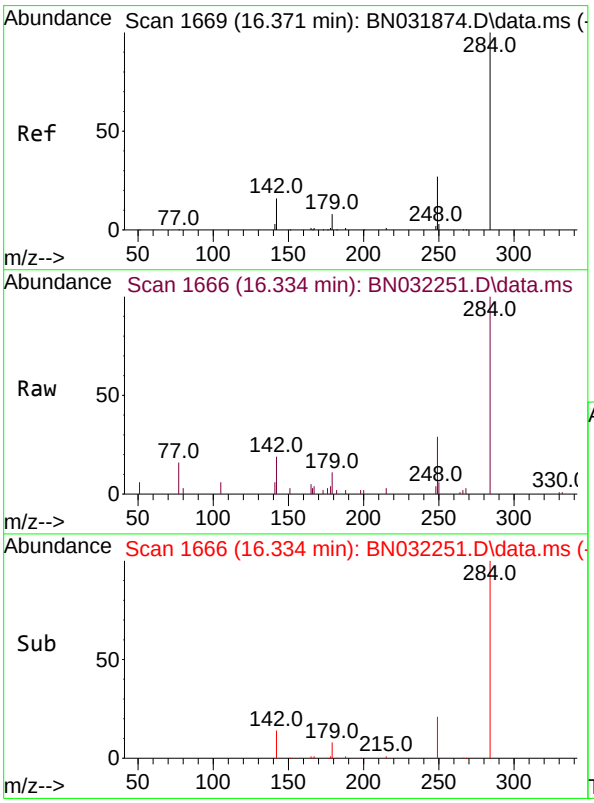
#21
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.222 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:248 Resp: 4892

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.5	117.7
141	63.1	43.1	64.7

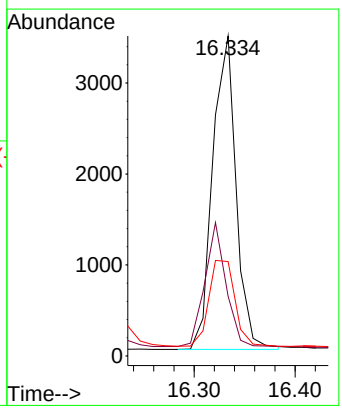


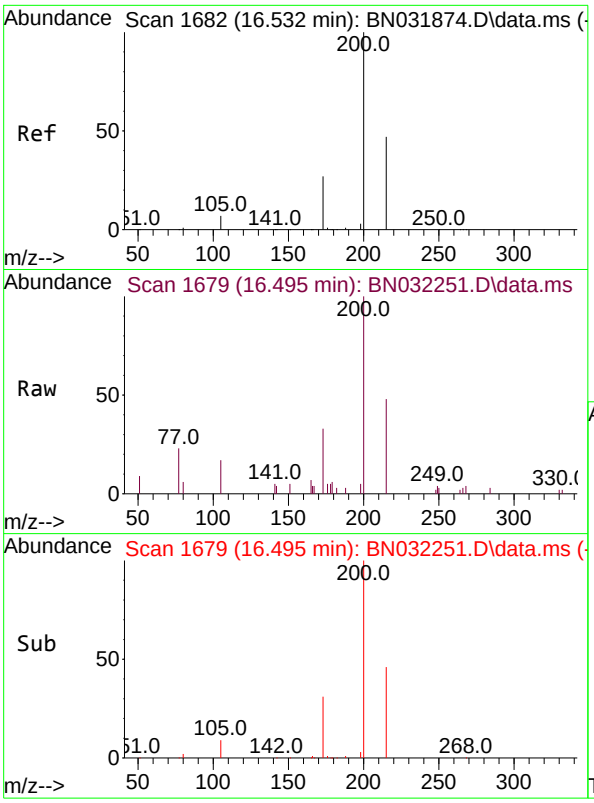


#22
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.334 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:284 Resp: 5539

Ion	Ratio	Lower	Upper
284	100		
142	35.5	30.7	46.1
249	30.4	25.0	37.4



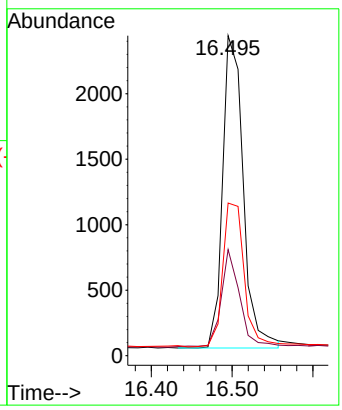


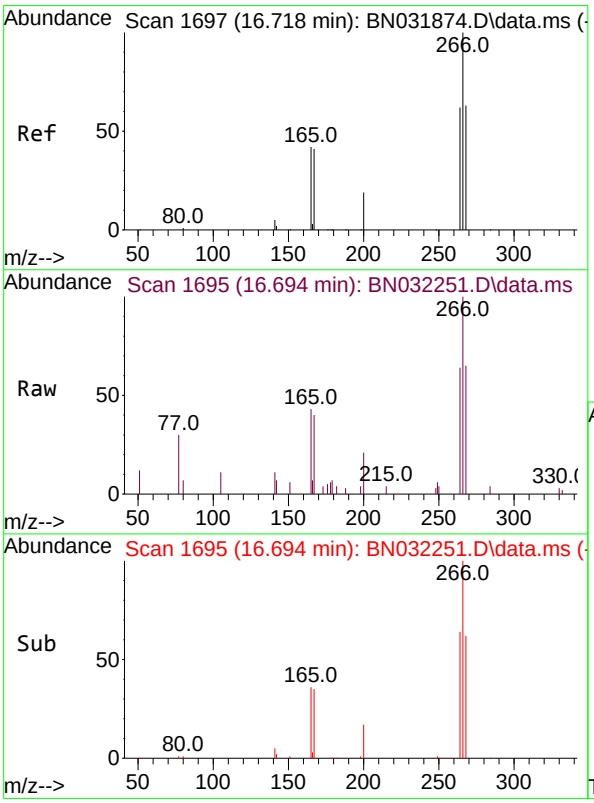
#23
Atrazine
Concen: 0.316 ng
RT: 16.495 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:200 Resp: 4223

Ion	Ratio	Lower	Upper
200	100		
173	33.2	22.0	33.0#
215	47.7	37.9	56.9

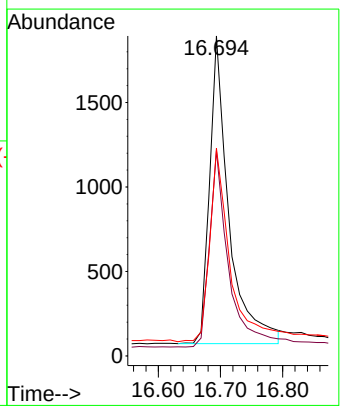


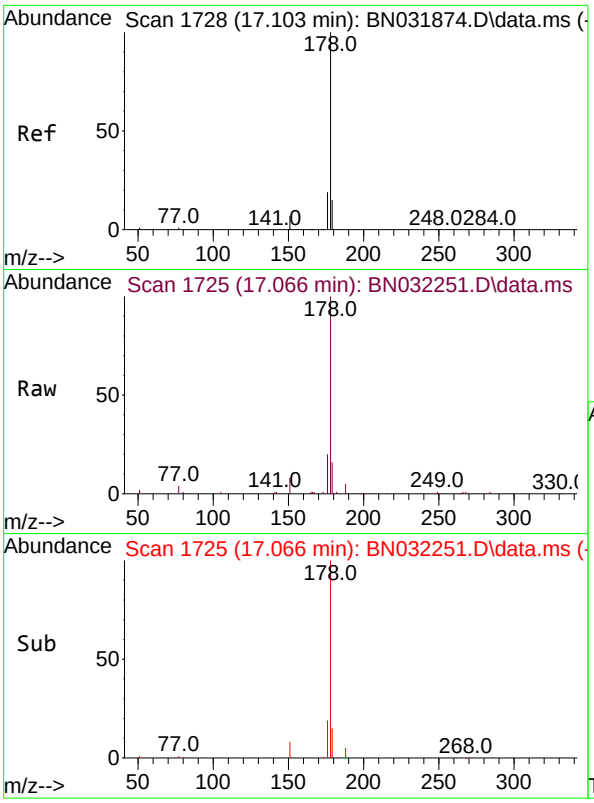


#24
Pentachlorophenol
Concen: 0.581 ng
RT: 16.694 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:266 Resp: 3942

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	65.5	51.0	76.6



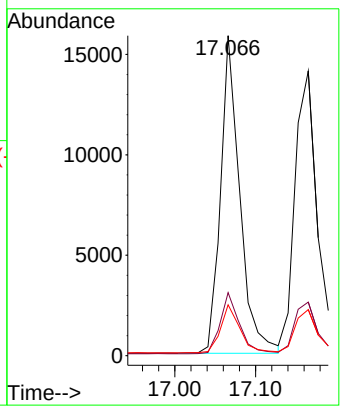


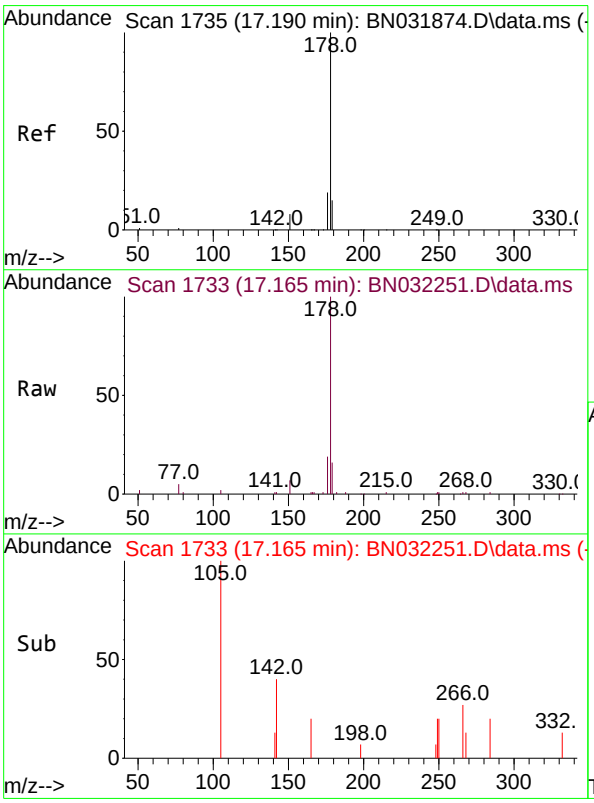
#25
Phenanthrene
Concen: 0.369 ng
RT: 17.066 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:178 Resp: 26283

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.4	12.2	18.2

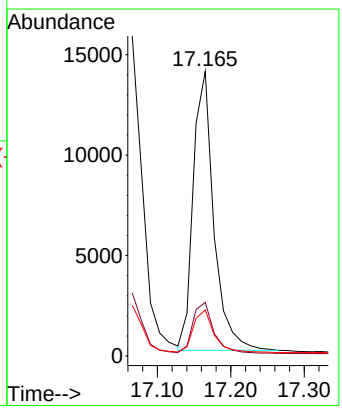


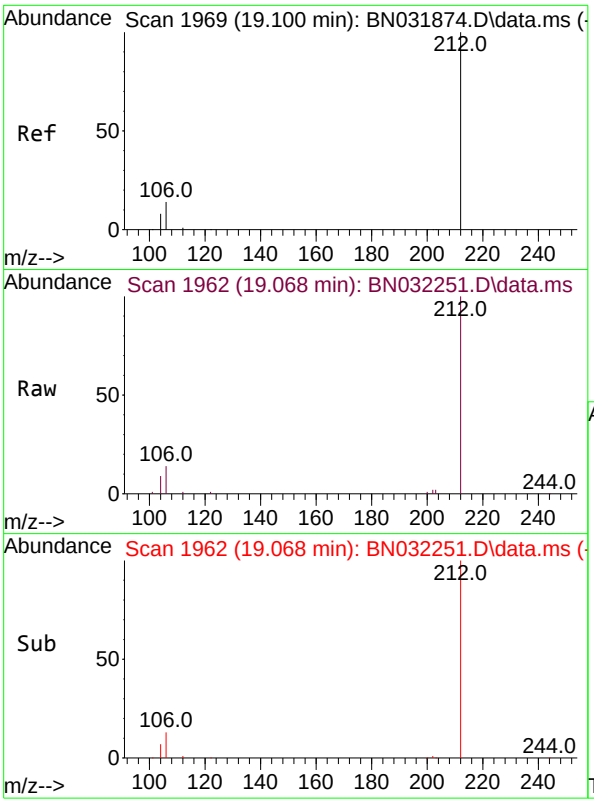


#26
Anthracene
Concen: 0.409 ng
RT: 17.165 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:178 Resp: 27072

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.2	18.2



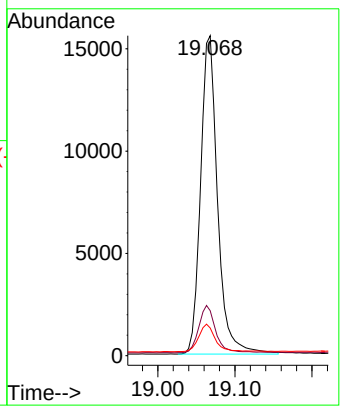


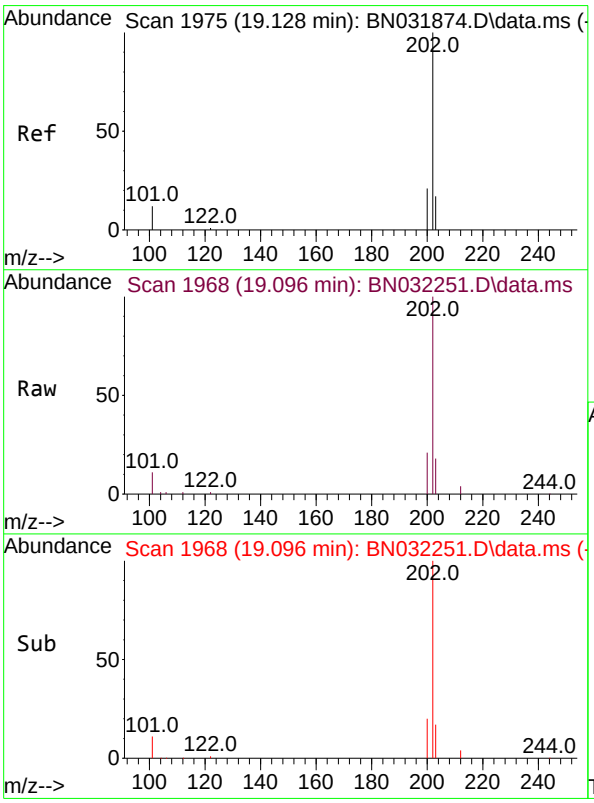
#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:212 Resp: 23856

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.8	17.8
104	8.4	6.6	10.0

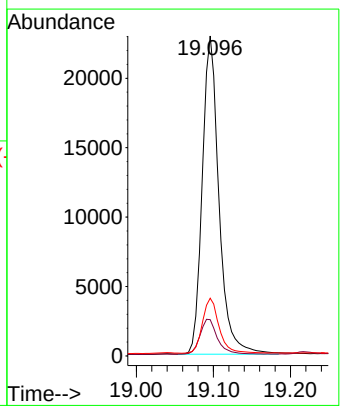


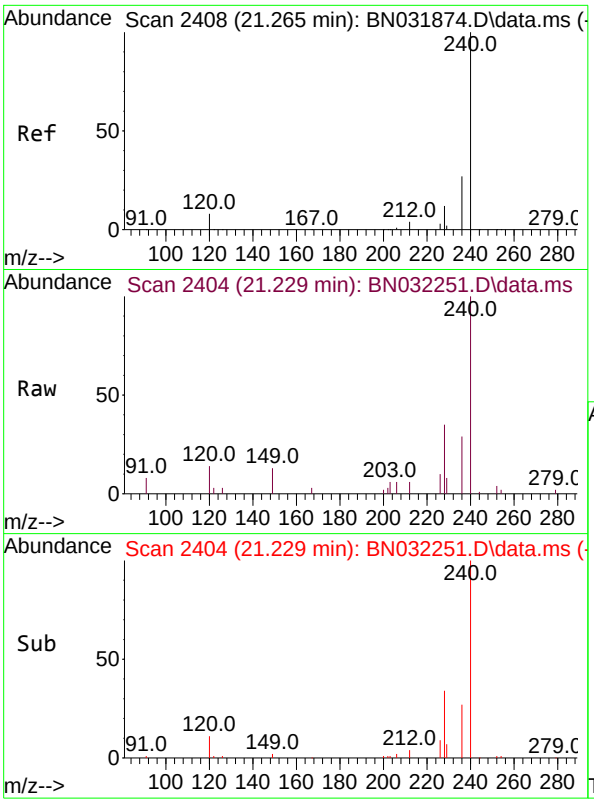


#28
Fluoranthene
Concen: 0.400 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:202 Resp: 34570

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
203	17.2	13.7	20.5



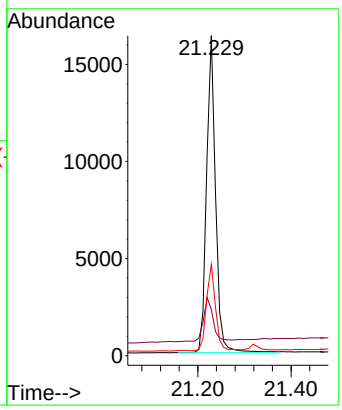


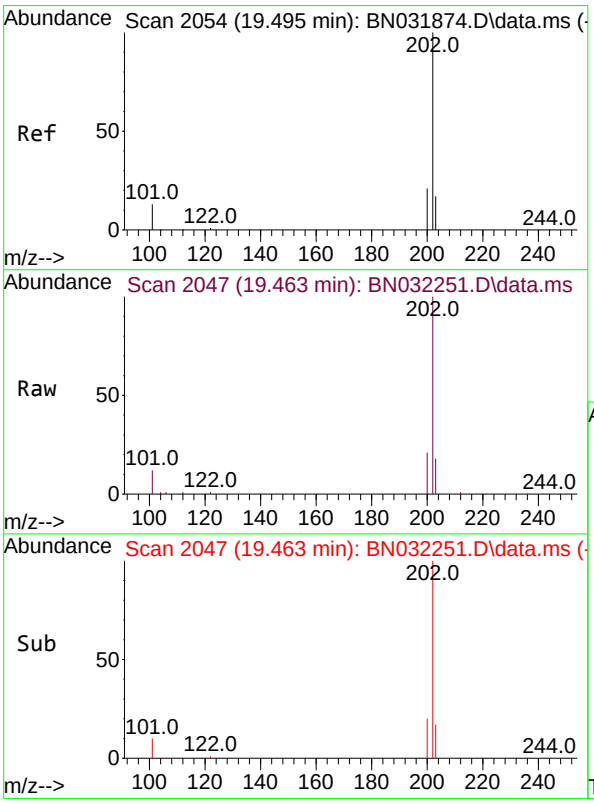
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:240 Resp: 22037

Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.2	12.4#
236	28.6	21.8	32.8

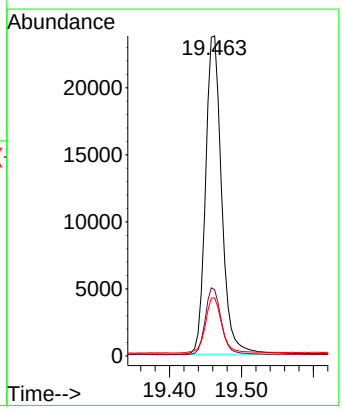


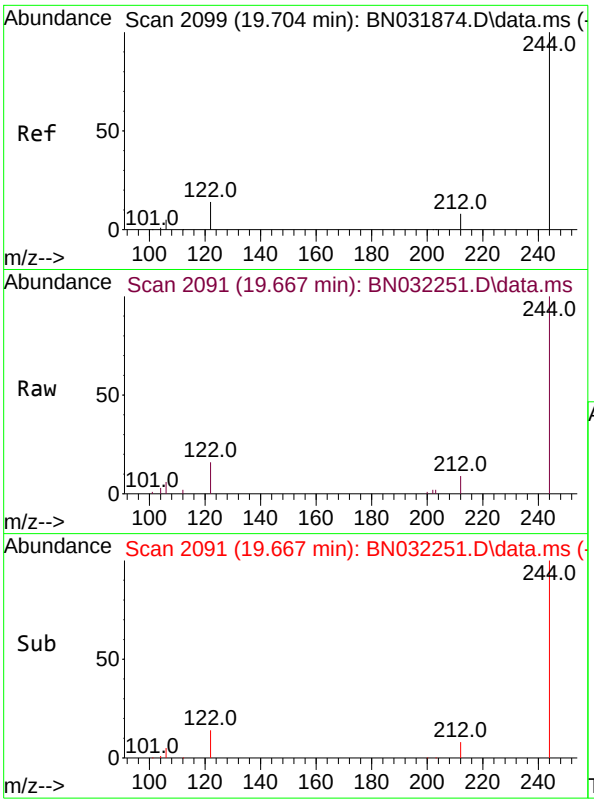


#30
Pyrene
Concen: 0.420 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:202 Resp: 36806

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.1	14.3	21.5



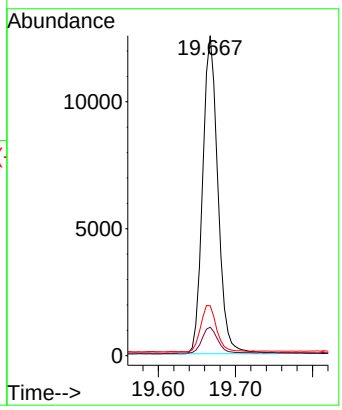


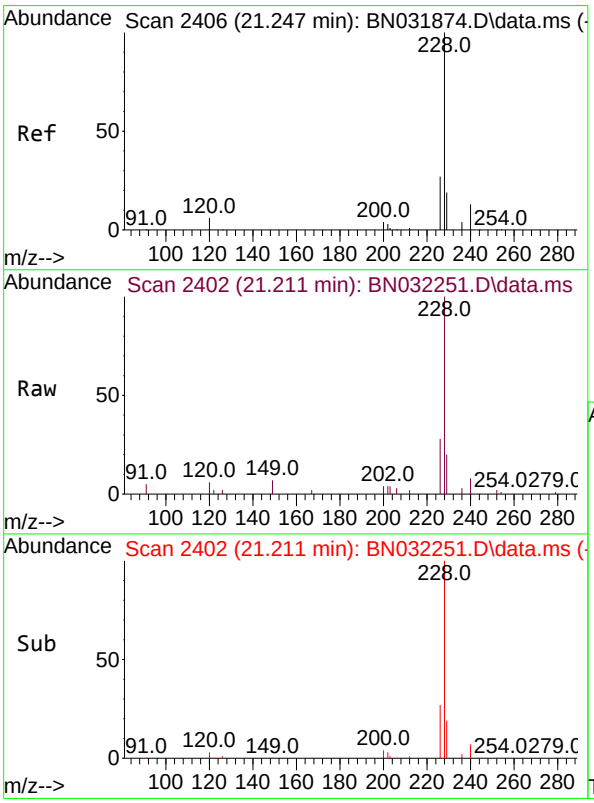
#31
Terphenyl-d14
Concen: 0.321 ng
RT: 19.667 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:244 Resp: 17279

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	15.6	11.4	17.0

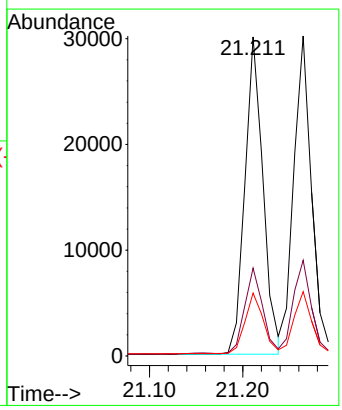


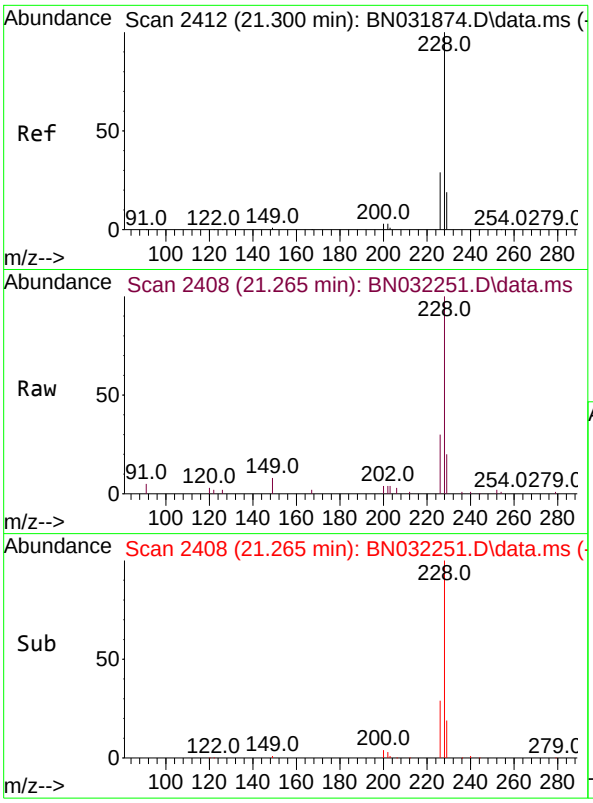


#32
Benzo(a)anthracene
Concen: 0.489 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:228 Resp: 40578

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.7	15.8	23.8



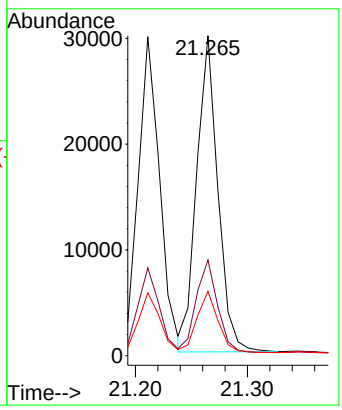


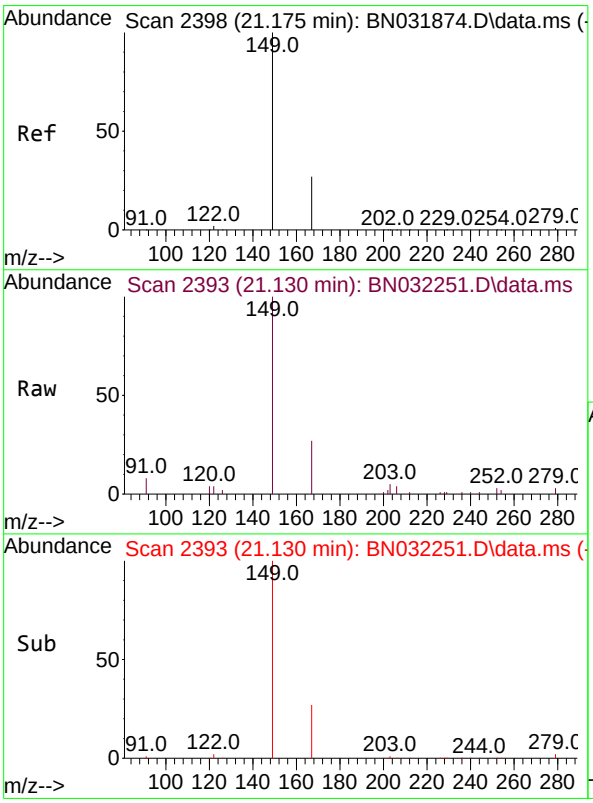
#33
Chrysene
Concen: 0.502 ng
RT: 21.265 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:228 Resp: 39398

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	20.1	15.8	23.6

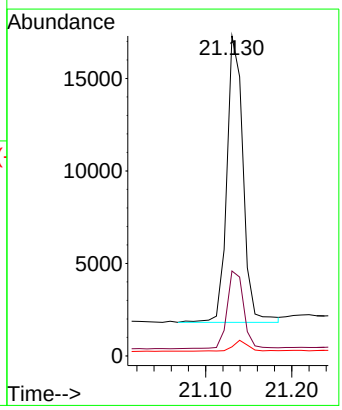


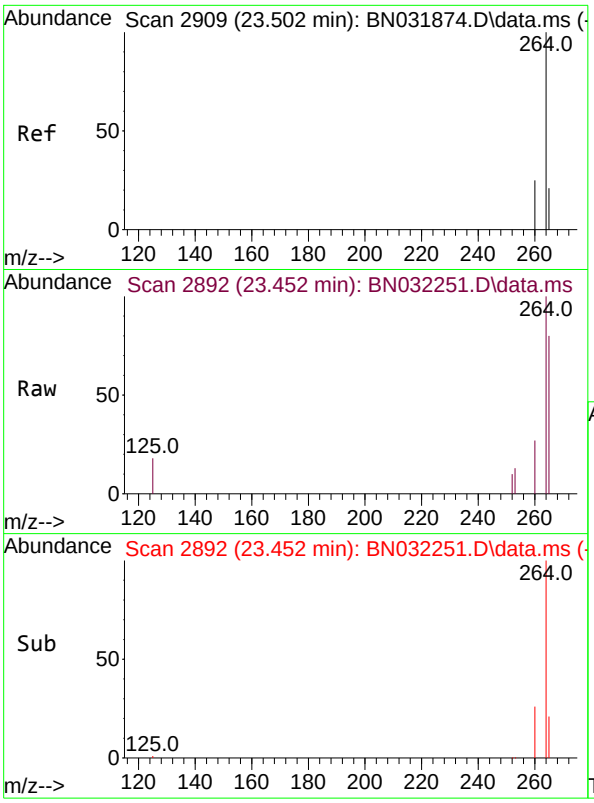


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:149 Resp: 20199

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.6	2.9	4.3



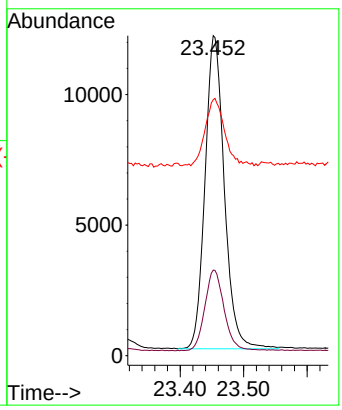


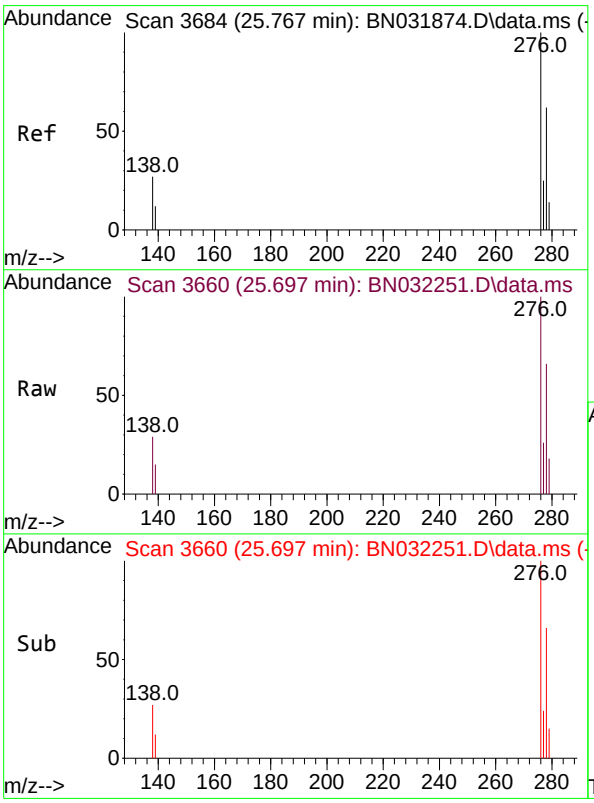
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.452 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:264 Resp: 25263

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	80.0	39.6	59.4#

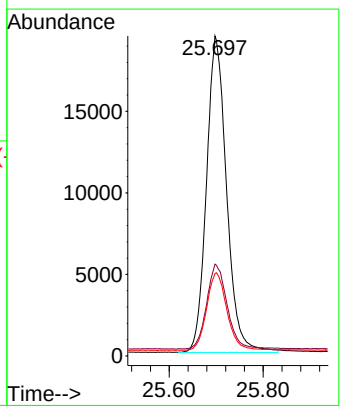


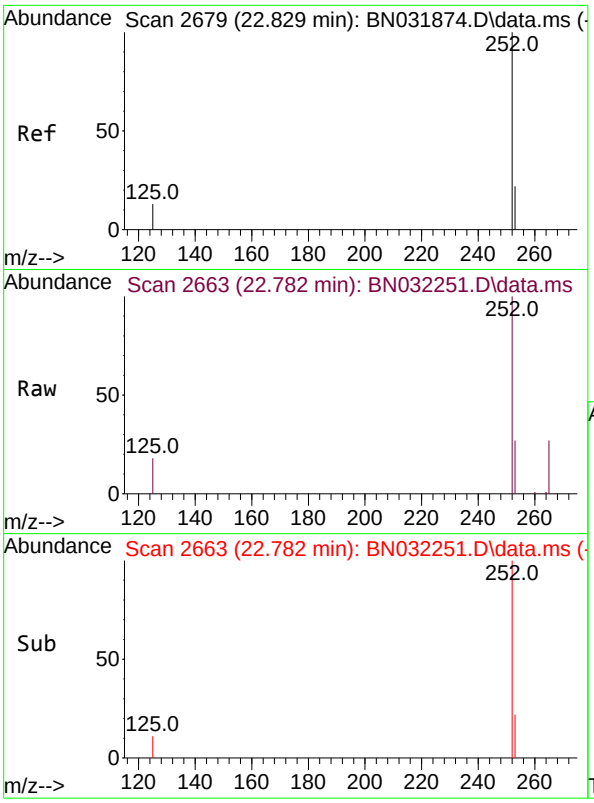


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.612 ng
RT: 25.697 min Scan# 3660
Delta R.T. 0.003 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:276 Resp: 57644

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.5	32.3
277	24.7	19.8	29.8



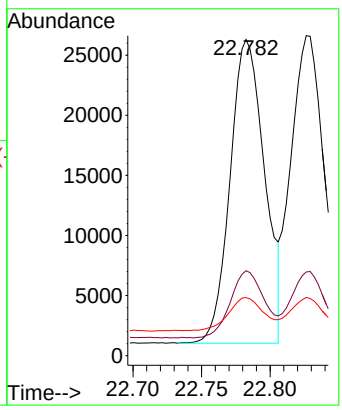


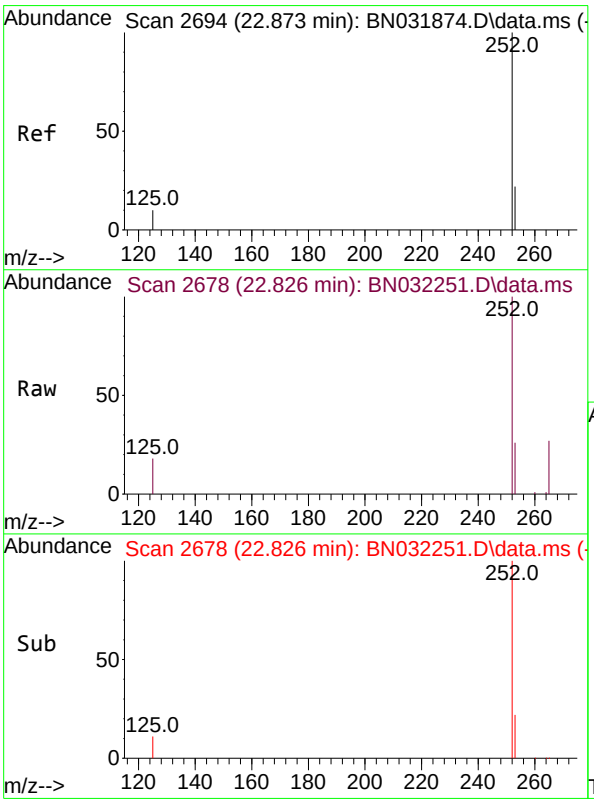
#37
Benzo(b)fluoranthene
Concen: 0.480 ng
RT: 22.782 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:252 Resp: 44225

Ion	Ratio	Lower	Upper
252	100		
253	26.9	20.2	30.2
125	18.4	14.2	21.4

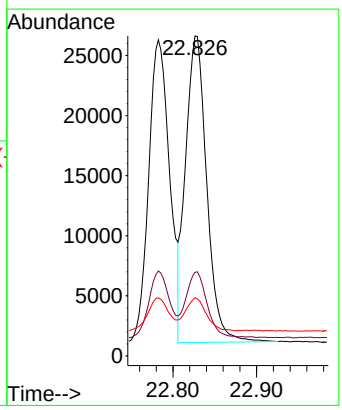


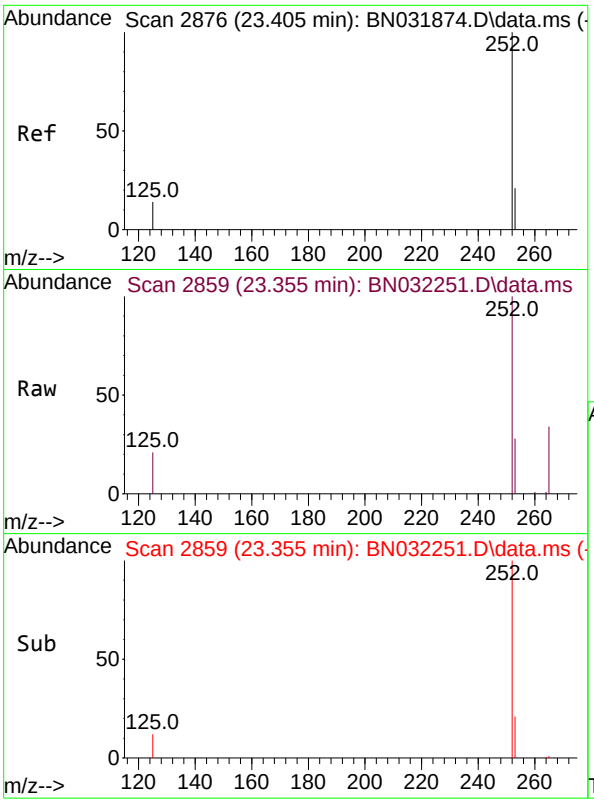


#38
Benzo(k)fluoranthene
Concen: 0.516 ng
RT: 22.826 min Scan# 2678
Delta R.T. -0.003 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:252 Resp: 44893

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.9	29.9
125	18.2	13.0	19.4



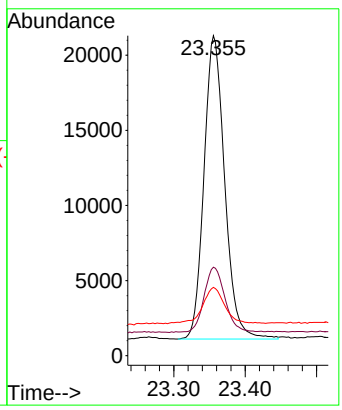


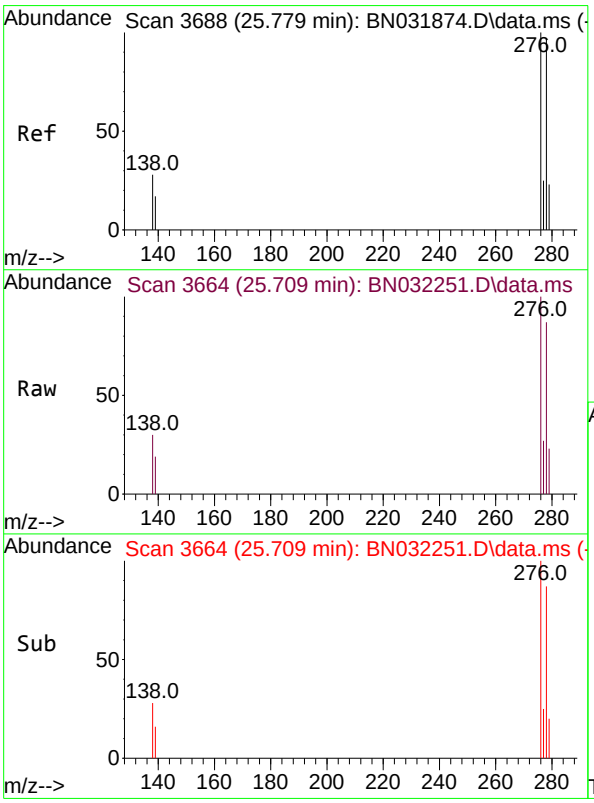
#39
Benzo(a)pyrene
Concen: 0.513 ng
RT: 23.355 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:252 Resp: 40791

Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.5	30.7
125	21.4	16.4	24.6

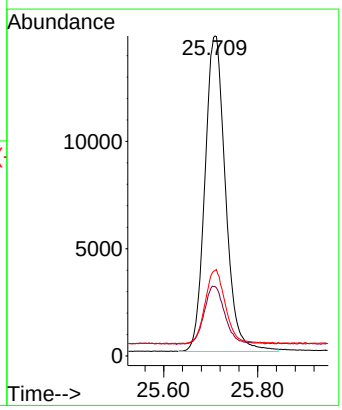


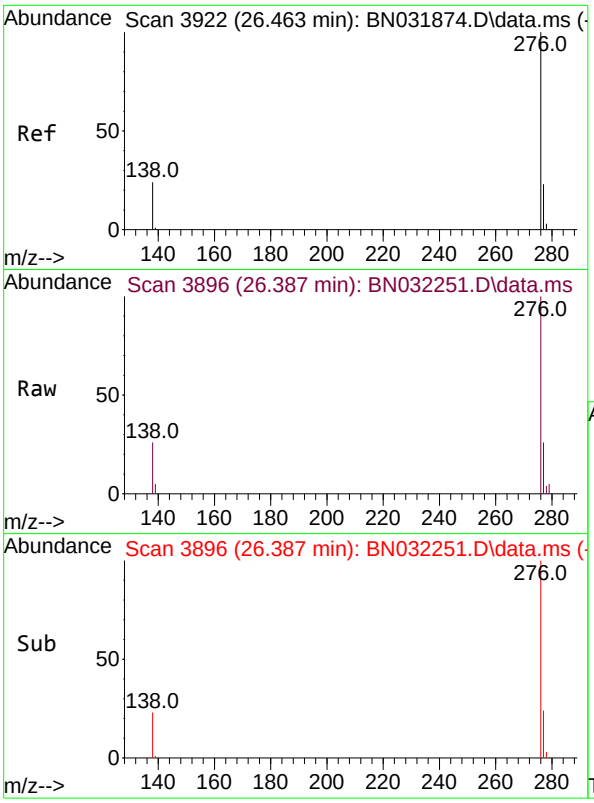


#40
Dibenzo(a,h)anthracene
Concen: 0.603 ng
RT: 25.709 min Scan# 3664
Delta R.T. 0.003 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Tgt Ion:278 Resp: 44741

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.0	25.4
279	26.7	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.559 ng
RT: 26.387 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN032251.D
Acq: 25 Jun 2024 22:42

Instrument :
BNA_N
ClientSampleId :
PB161660BS

Tgt Ion:276 Resp: 44601

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.2	30.2
138	26.1	20.6	31.0