Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032606.D
Acq On : 10 Jul 2024 02:49
Operator : MA/JU
Sample : PB161930BSD
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Quant Time: Jul 10 04:40:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	5649	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	18384	0.400	ng		-0.01
13) Acenaphthene-d10	14.221	164	12967	0.400	ng		-0.01
19) Phenanthrene-d10	16.992	188	27997	0.400	ng		#-0.01
29) Chrysene-d12	21.202	240	20942	0.400	ng		0.00
35) Perylene-d12	23.417	264	19920	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	5044	0.353	ng		0.00
5) Phenol-d6	6.816	99	6416	0.352	ng		0.00
8) Nitrobenzene-d5	8.788	82	4625	0.337	ng		-0.01
11) 2-Methylnaphthalene-d10	11.975	152	11388	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1839	0.313	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	17767	0.372	ng		0.00
27) Fluoranthene-d10	19.035	212	26518	0.363	ng		0.00
31) Terphenyl-d14	19.639	244	20297	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2678	0.360	ng		98
3) n-Nitrosodimethylamine	3.486	42	2023	0.375	ng		97
6) bis(2-Chloroethyl)ether	7.040	93	4387	0.361	ng		93
9) Naphthalene	10.421	128	19562	0.390	ng		99
10) Hexachlorobutadiene	10.656	225	3804	0.380	ng	#	98
12) 2-Methylnaphthalene	12.047	142	13254	0.394	ng		98
16) Acenaphthylene	13.954	152	19199	0.344	ng		100
17) Acenaphthene	14.285	154	14618	0.377	ng		100
18) Fluorene	15.290	166	19300	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.482	198	800	0.381	ng	#	75
21) 4-Bromophenyl-phenylether	16.185	248	6387	0.384	ng		93
22) Hexachlorobenzene	16.284	284	7024	0.384	ng		99
23) Atrazine	16.470	200	4421	0.341	ng		95
24) Pentachlorophenol	16.681	266	1733	0.375	ng		98
25) Phenanthrene	17.041	178	29374	0.386	ng		100
26) Anthracene	17.140	178	21196	0.347	ng		99
28) Fluoranthene	19.068	202	33452	0.364	ng		100
30) Pyrene	19.430	202	34630	0.407	ng		100
32) Benzo(a)anthracene	21.193	228	25370	0.366	ng		99
33) Chrysene	21.238	228	32082	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	14937	0.317	ng		99
36) Indeno(1,2,3-cd)pyrene	25.654	276	28321	0.372	ng		100
37) Benzo(b)fluoranthene	22.750	252	25696	0.387	ng		95
38) Benzo(k)fluoranthene	22.797	252	31389	0.410	ng		97
39) Benzo(a)pyrene	23.329	252	23528	0.374	ng		95
40) Dibenzo(a,h)anthracene	25.665	278	22358	0.370	ng		97
41) Benzo(g,h,i)perylene	26.338	276	25404	0.386	ng		97

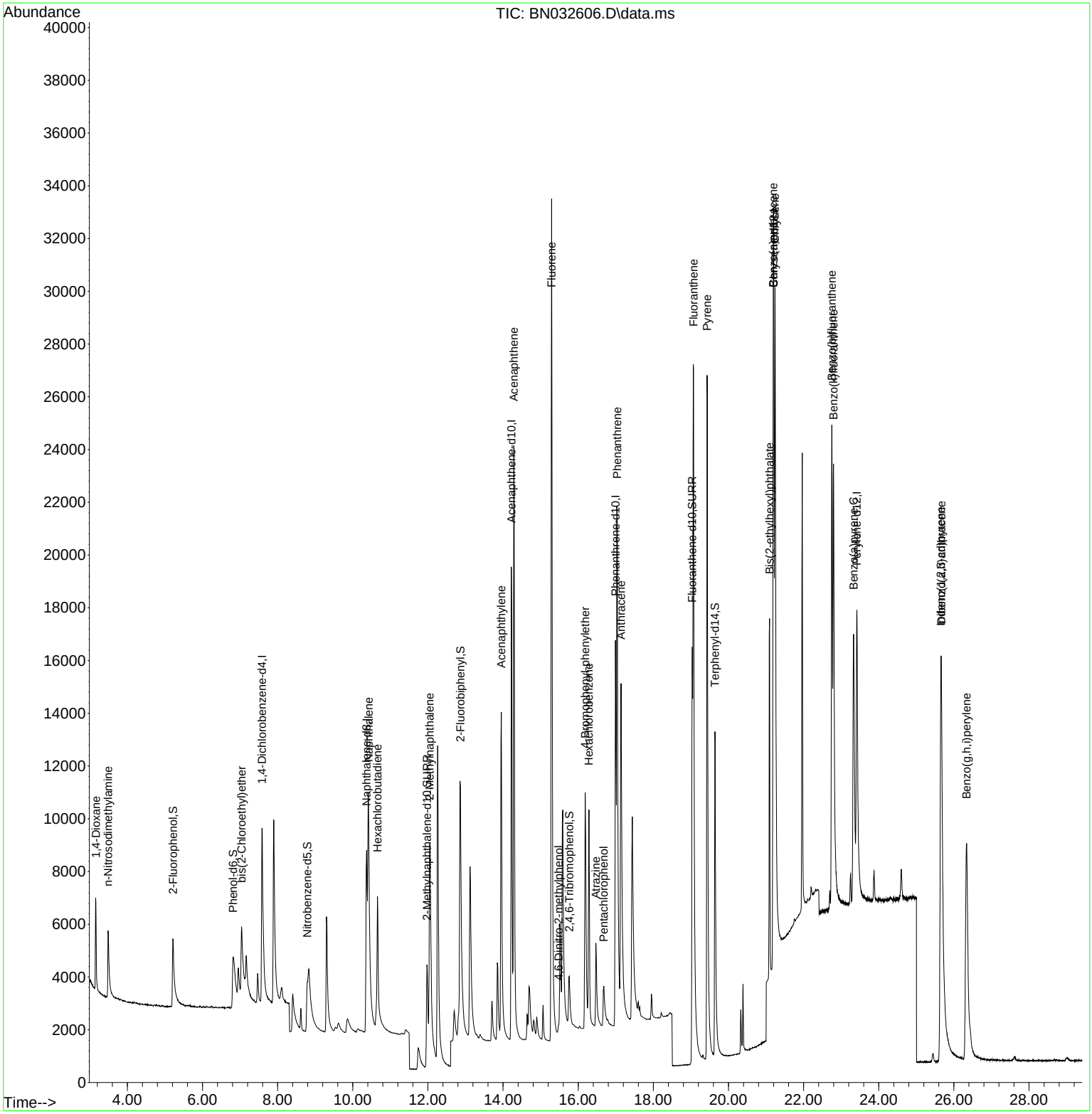
(#) = qualifier out of range (m) = manual integration (+) = signals summed

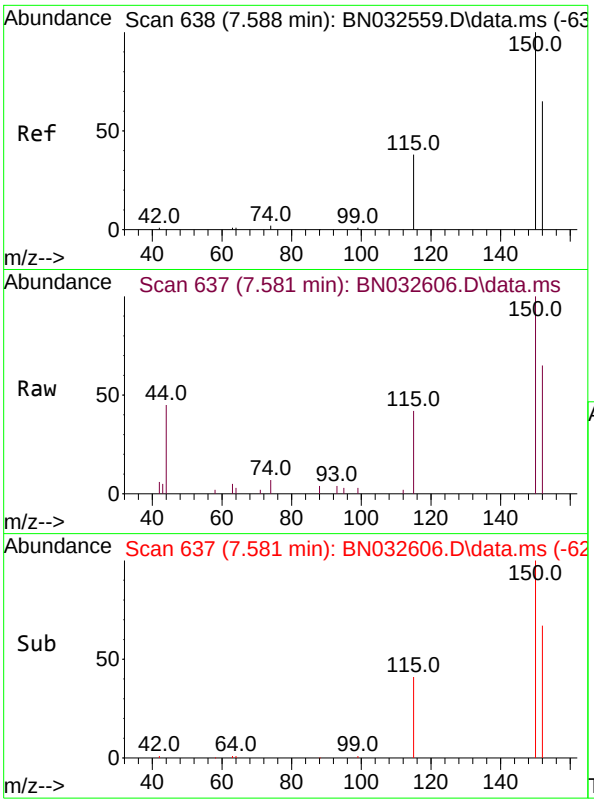
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032606.D
Acq On : 10 Jul 2024 02:49
Operator : MA/JU
Sample : PB161930BSD
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Quant Time: Jul 10 04:40:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration



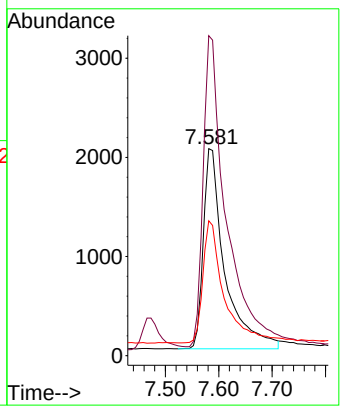


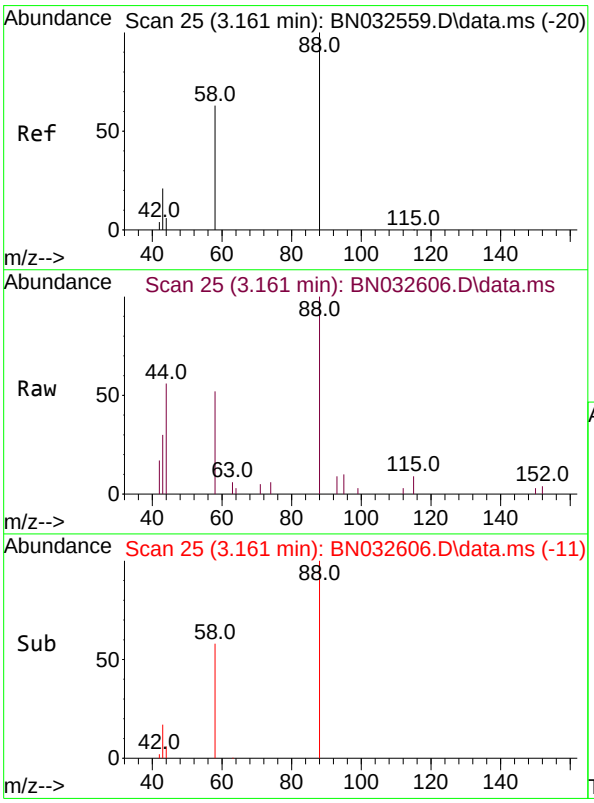
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.581 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:152 Resp: 5649

Ion	Ratio	Lower	Upper
152	100		
150	154.6	121.6	182.4
115	65.2	53.1	79.7

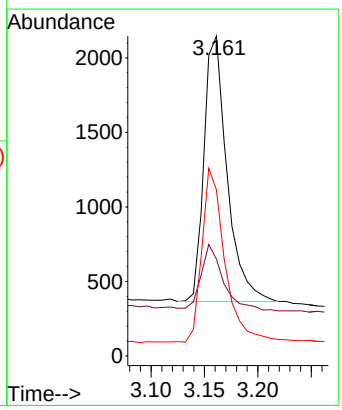


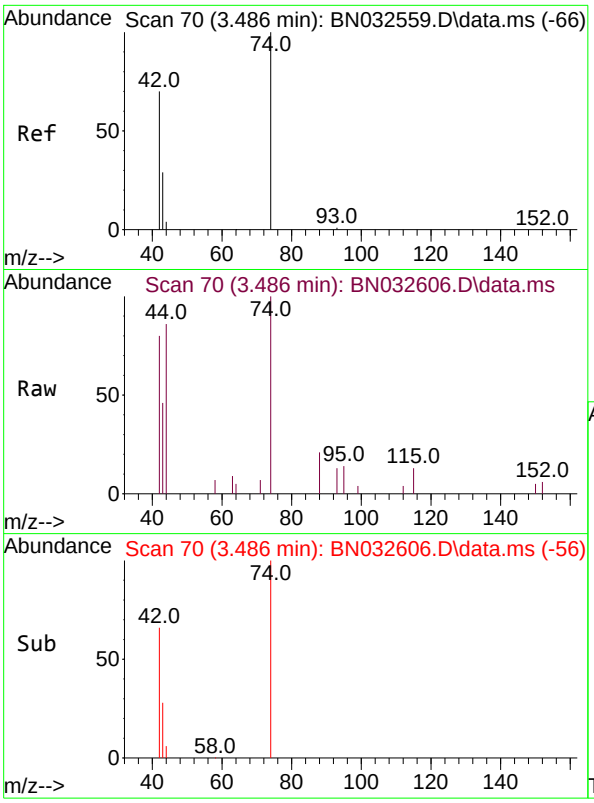


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion: 88 Resp: 2678

Ion	Ratio	Lower	Upper
88	100		
43	24.5	20.4	30.6
58	64.9	51.0	76.6



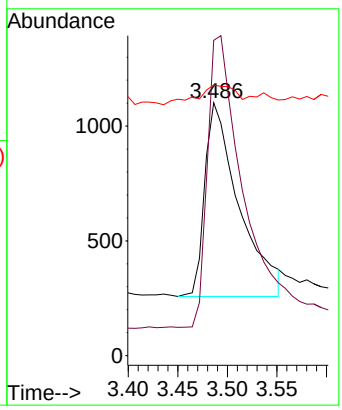


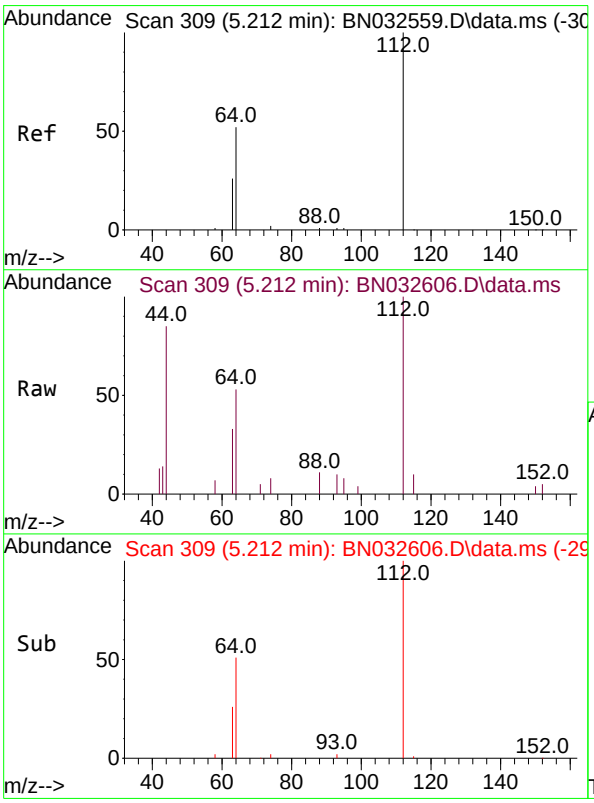
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.486 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion: 42 Resp: 2023

Ion	Ratio	Lower	Upper
42	100		
74	154.6	126.8	190.2
44	12.6	8.7	13.1

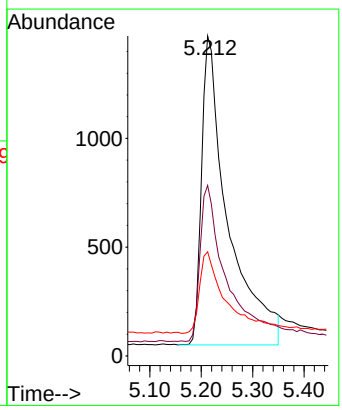


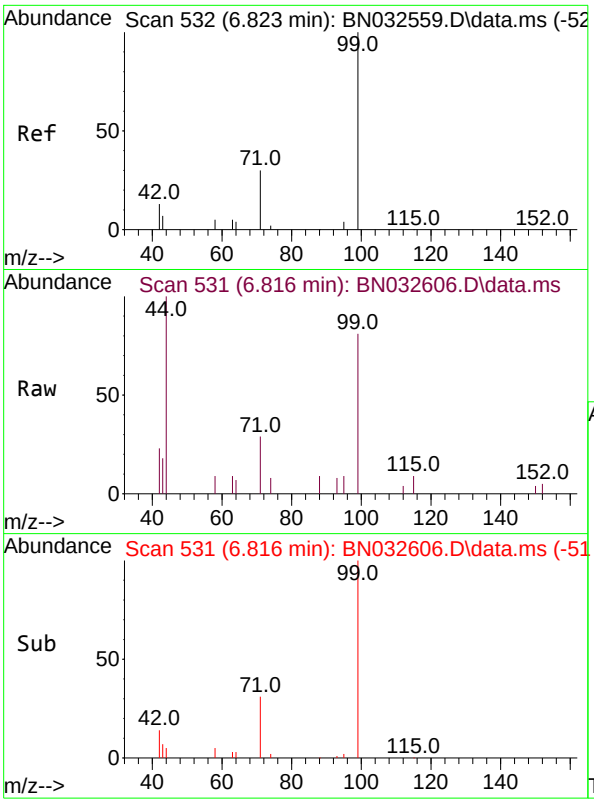


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.212 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:112 Resp: 5044

Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.2	61.8
63	27.1	21.6	32.4



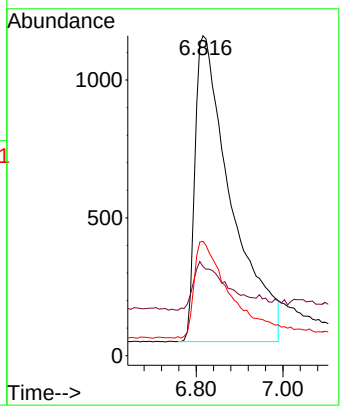


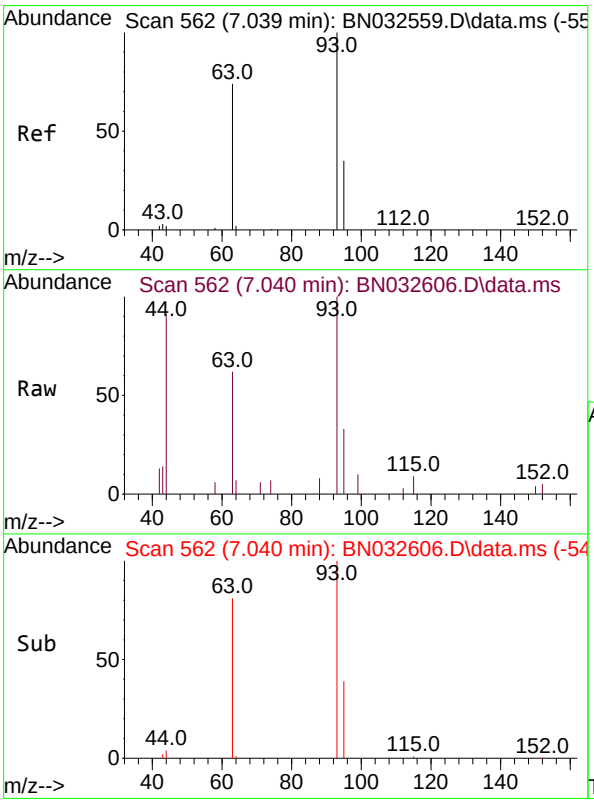
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.816 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion: 99 Resp: 6416

Ion	Ratio	Lower	Upper
99	100		
42	14.6	10.6	16.0
71	30.9	25.2	37.8

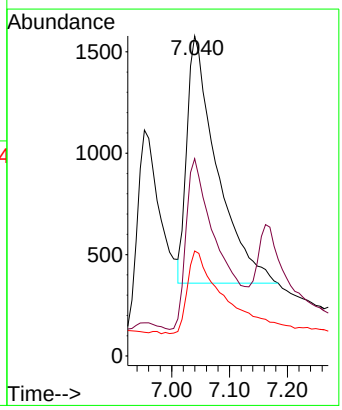


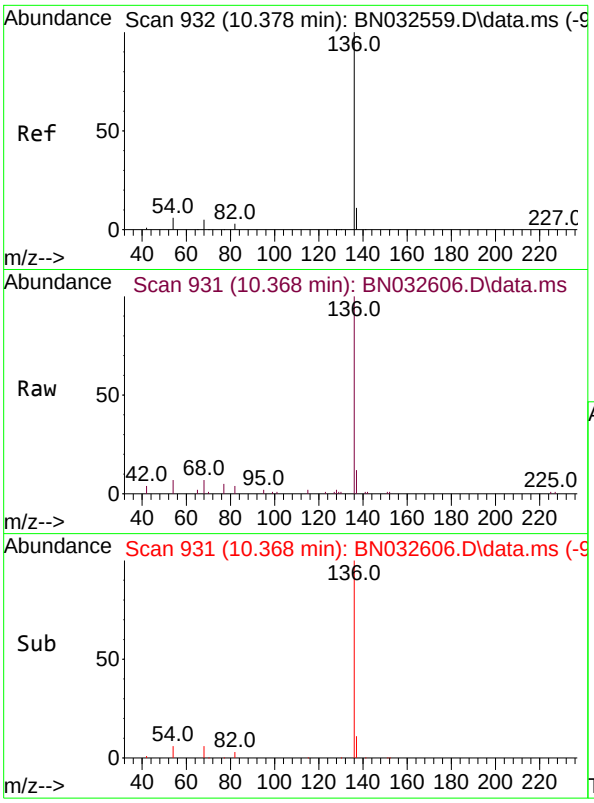


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.040 min Scan# 562
Delta R.T. 0.001 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion: 93 Resp: 4387

Ion	Ratio	Lower	Upper
93	100		
63	74.5	54.1	81.1
95	40.7	30.5	45.7



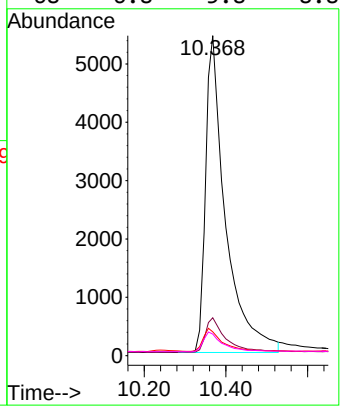


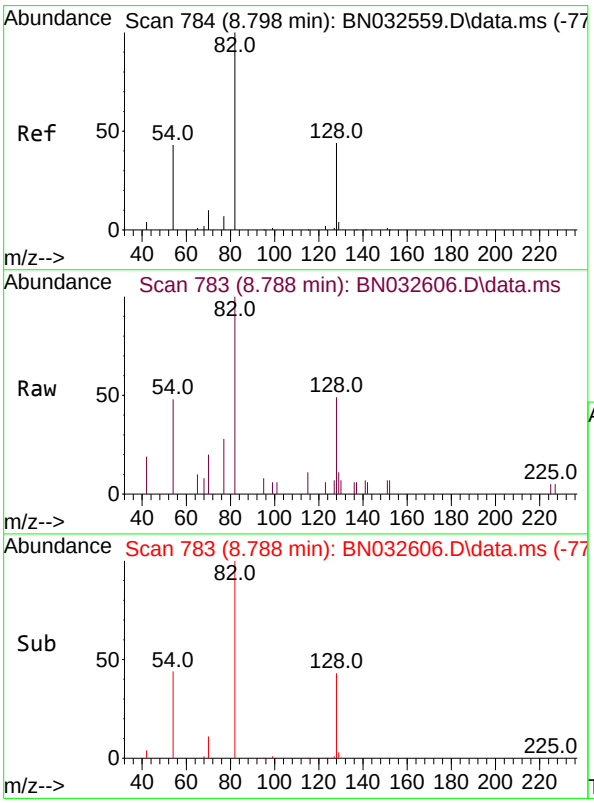
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:136 Resp: 18384

Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.0	15.0
54	7.4	6.6	9.8
68	6.8	5.8	8.8

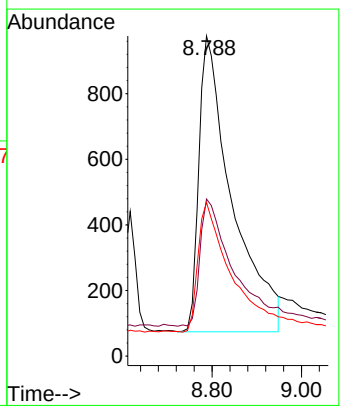


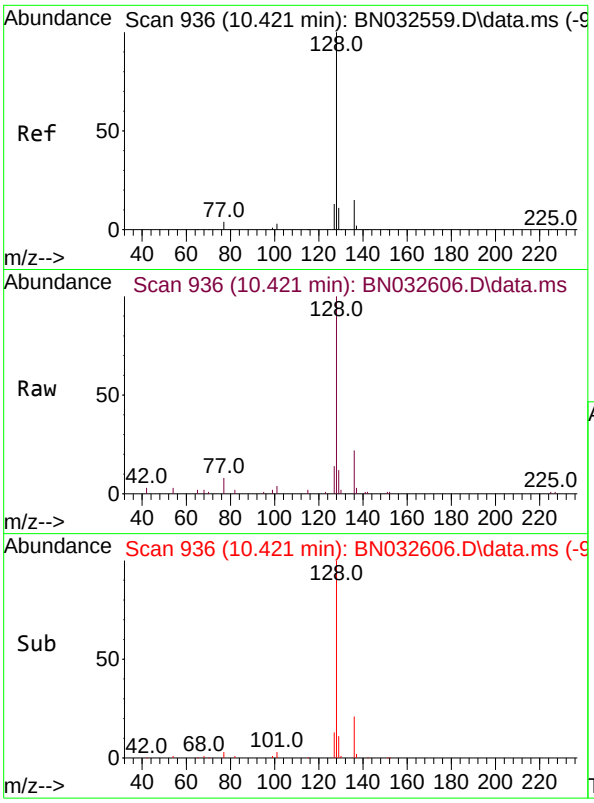


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.010 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion: 82 Resp: 4625

Ion	Ratio	Lower	Upper
82	100		
128	49.1	43.4	65.2
54	48.0	40.2	60.2



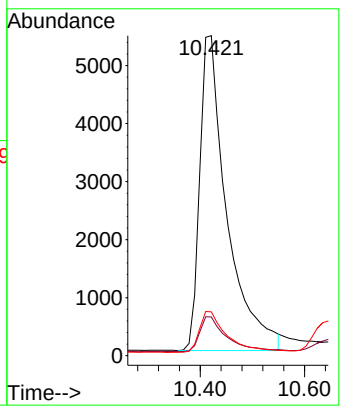


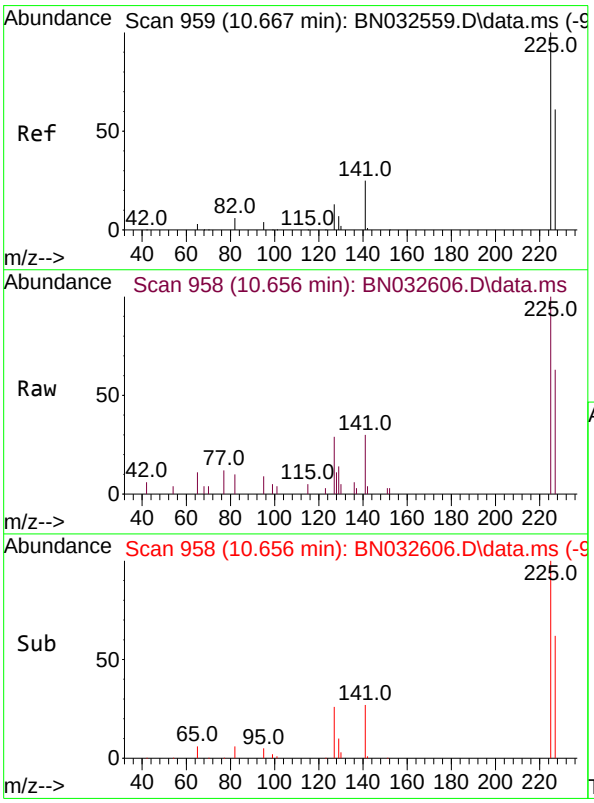
#9
Naphthalene
Concen: 0.390 ng
RT: 10.421 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:128 Resp: 19562

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.2	15.4
127	13.7	11.4	17.0

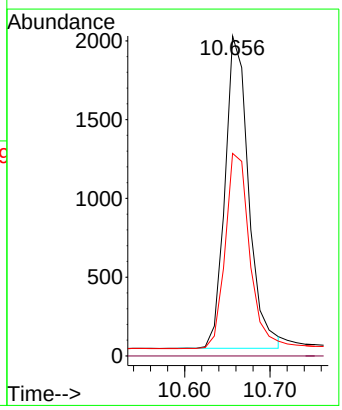


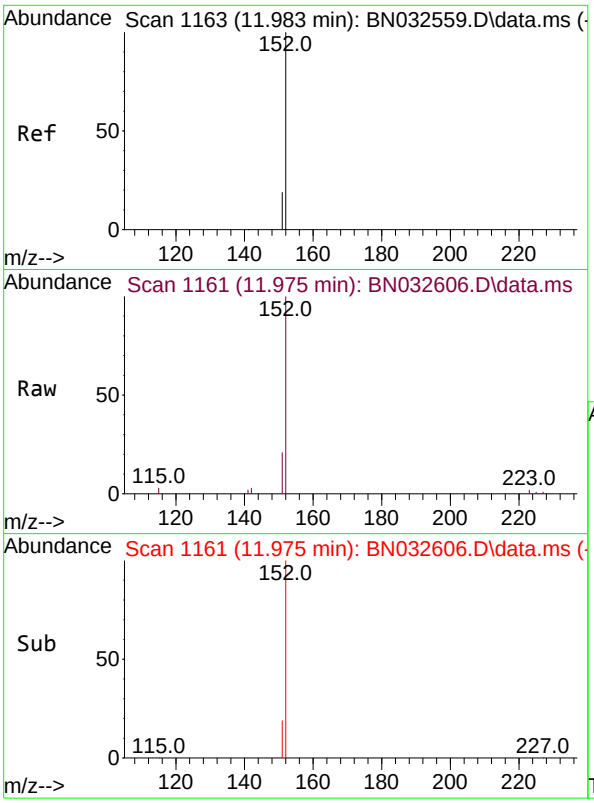


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.656 min Scan# 958
Delta R.T. -0.010 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:225 Resp: 3804

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.6	76.0



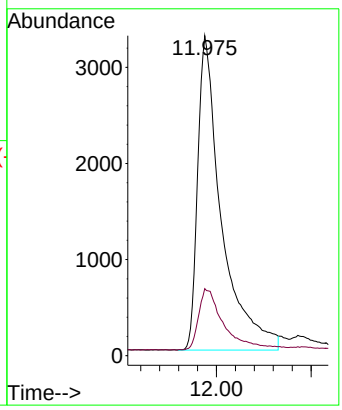


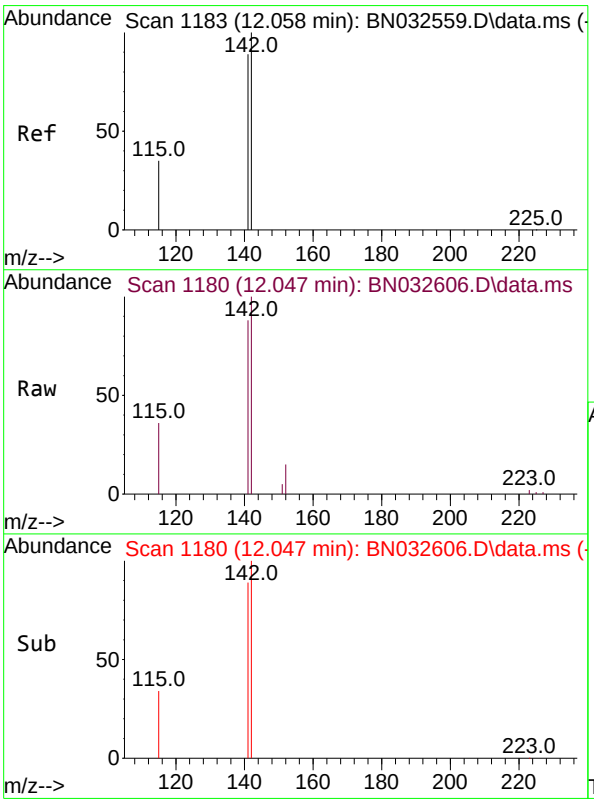
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.975 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:152 Resp: 11388

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6

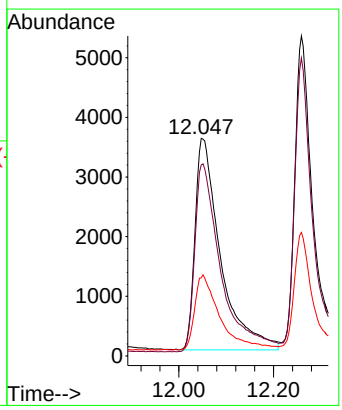


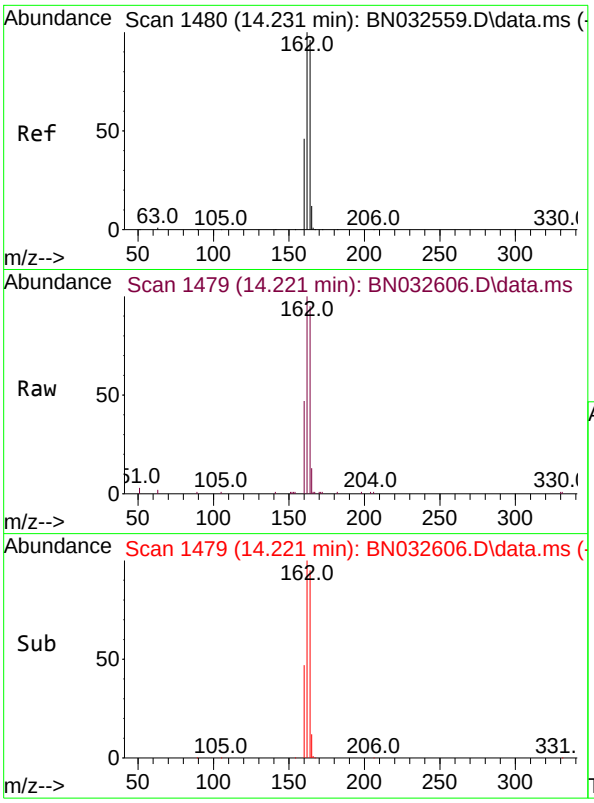


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.047 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:142 Resp: 13254

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	35.9	30.5	45.7



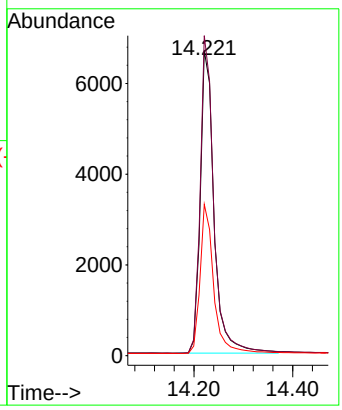


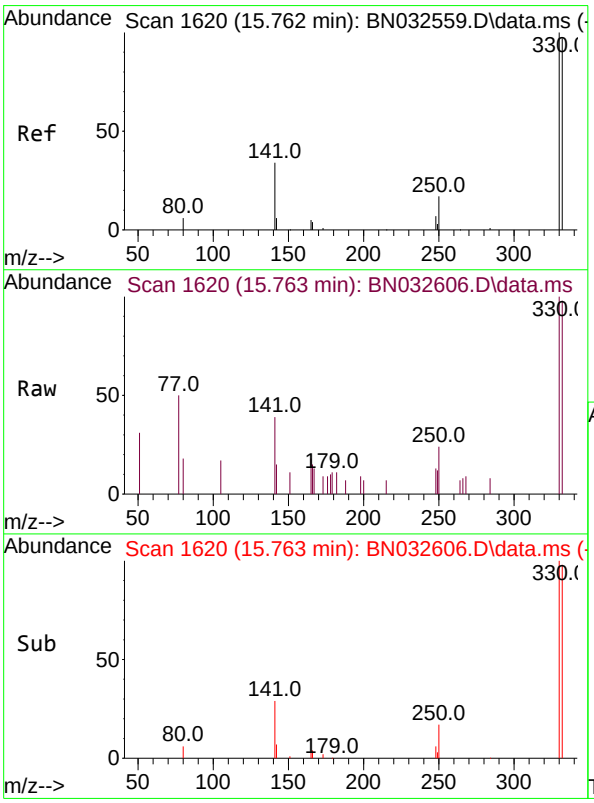
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.221 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:164 Resp: 12967

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.2	124.8
160	49.6	38.6	57.8

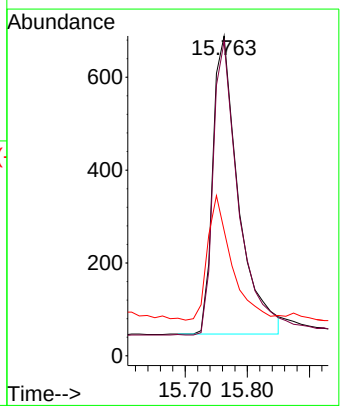


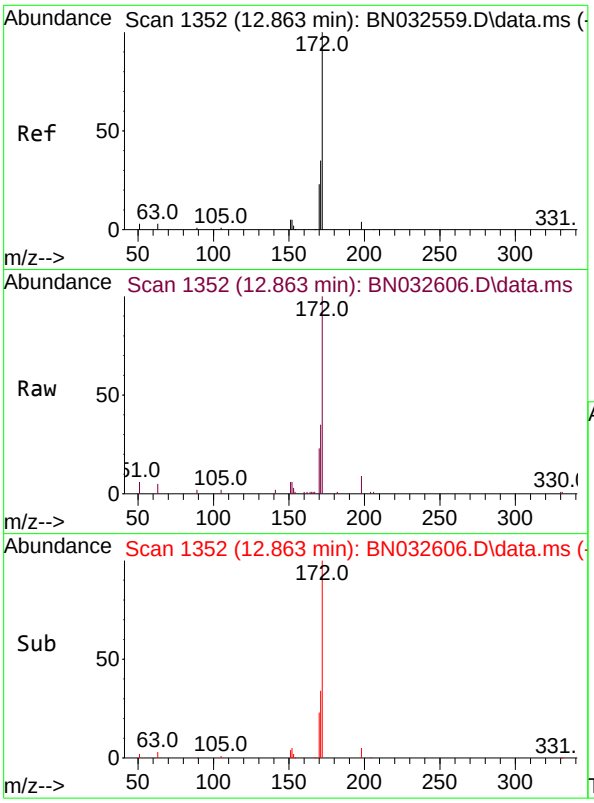


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.763 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:330 Resp: 1839

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	38.9	31.8	47.8



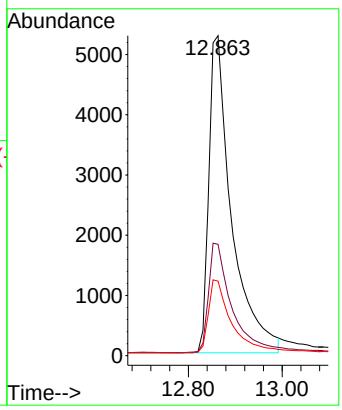


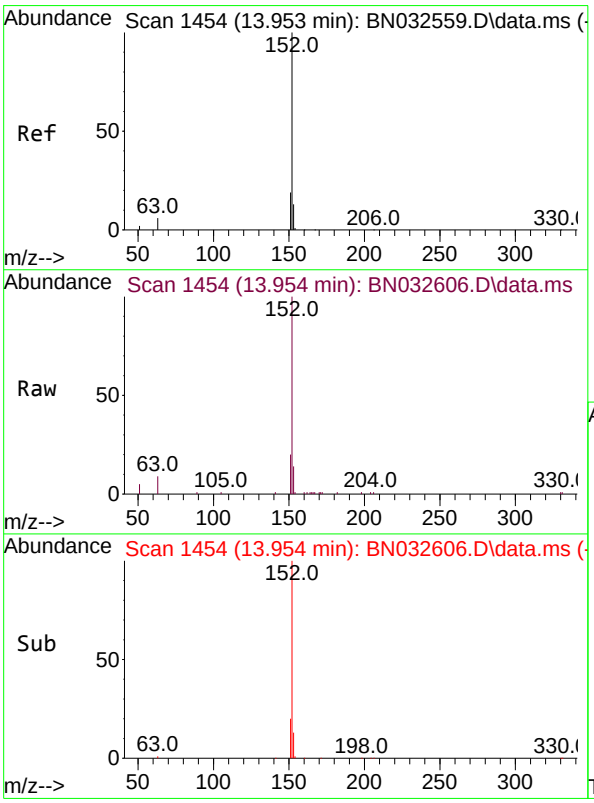
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:172 Resp: 17767

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.3	19.2	28.8

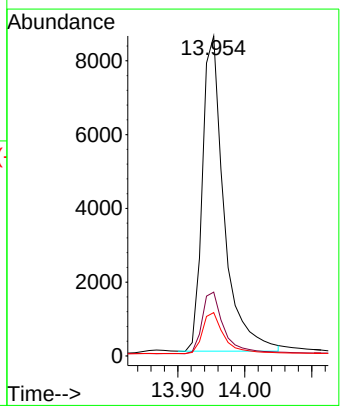


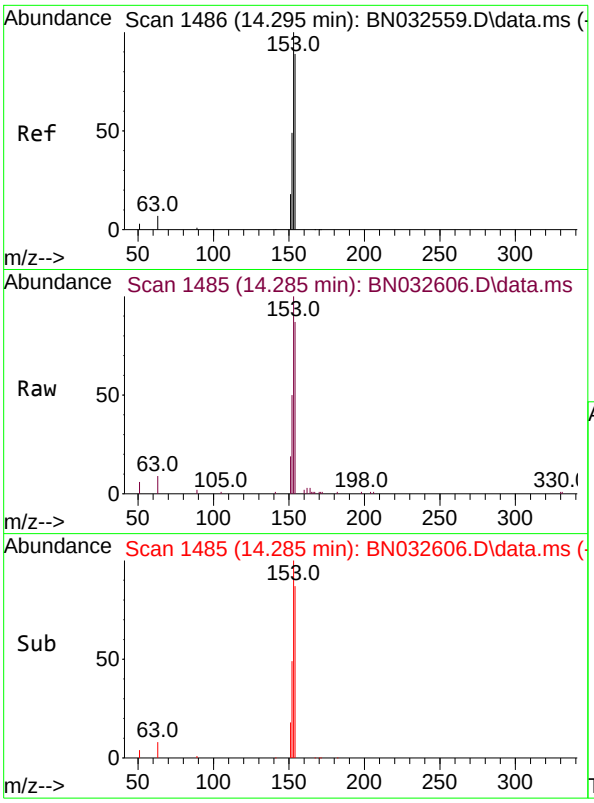


#16
Acenaphthylene
Concen: 0.344 ng
RT: 13.954 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:152 Resp: 19199

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.5	15.7



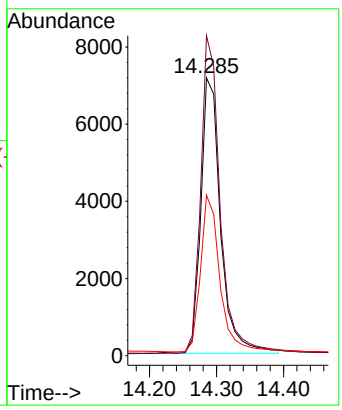


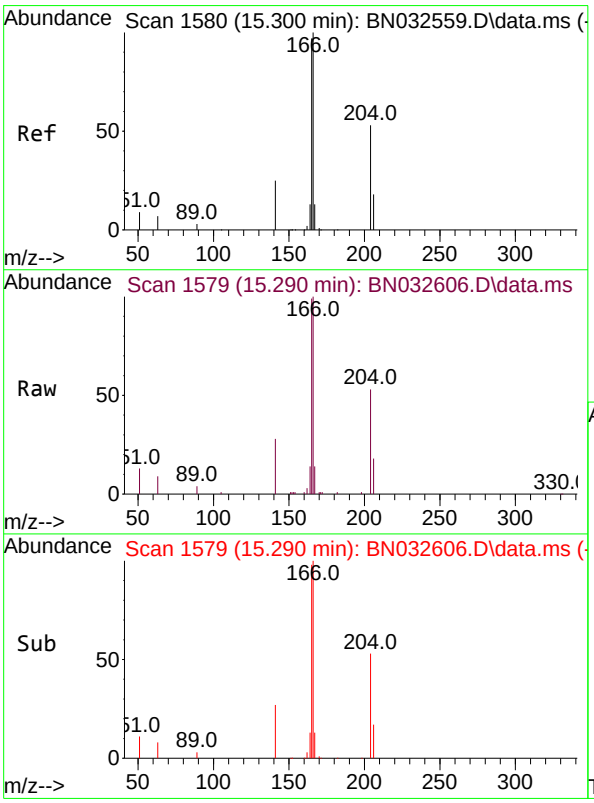
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.285 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:154 Resp: 14618

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.9	136.3
152	55.7	44.4	66.6

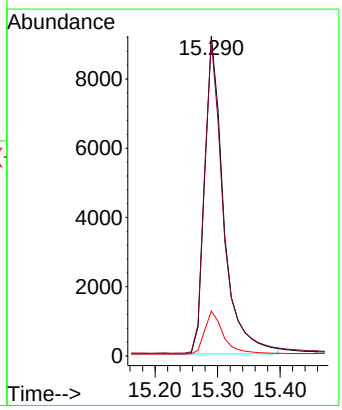


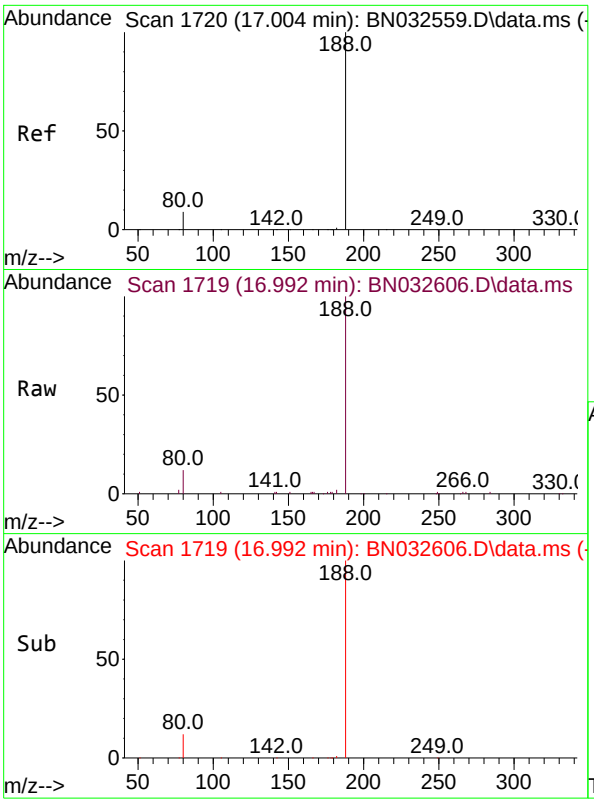


#18
Fluorene
Concen: 0.380 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.010 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:166 Resp: 19300

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.5	10.7	16.1



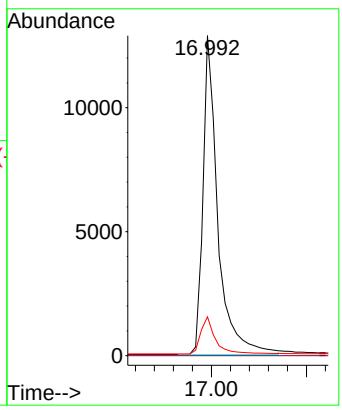


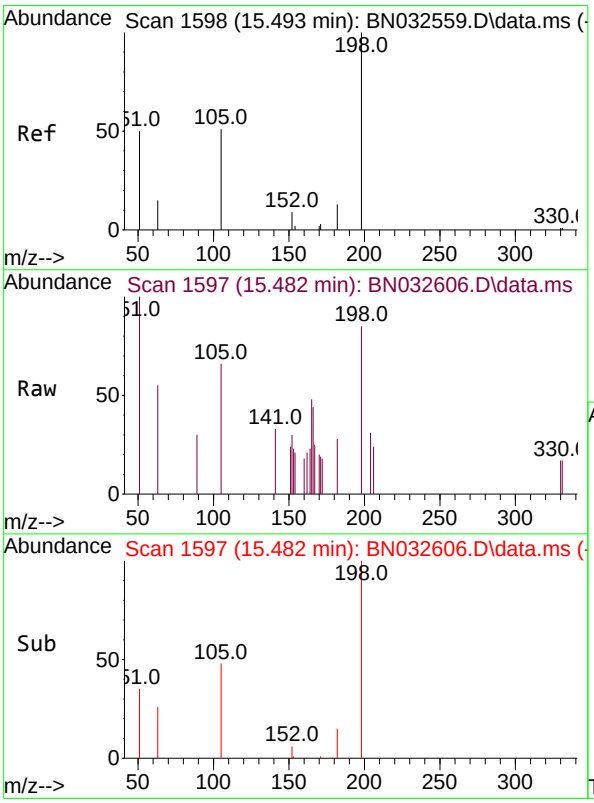
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.992 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:188 Resp: 27997

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	7.8	11.6#

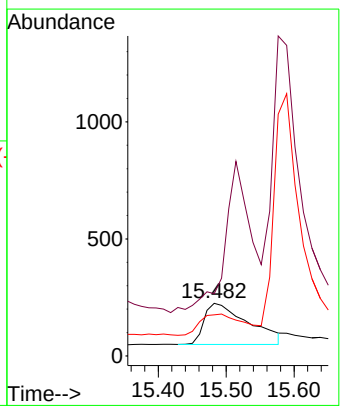


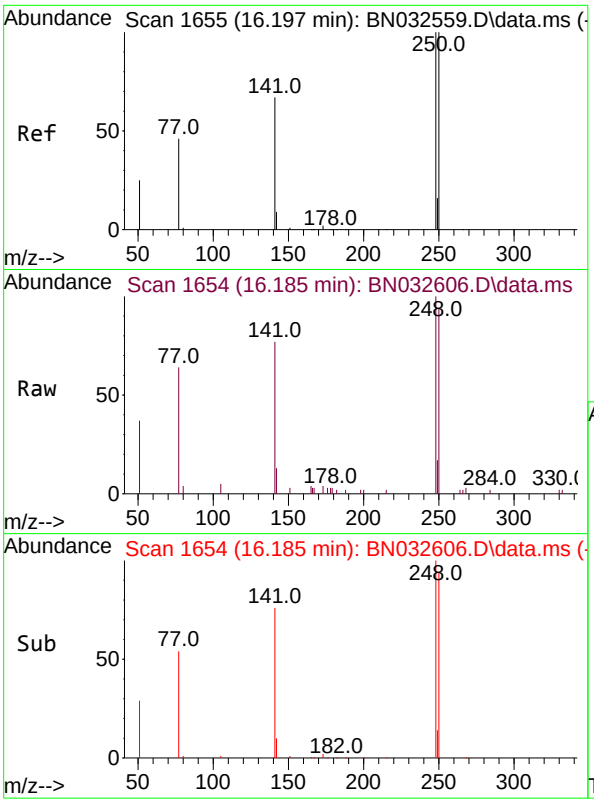


#20
4,6-Dinitro-2-methylphenol
Concen: 0.381 ng
RT: 15.482 min Scan# 1597
Delta R.T. -0.011 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:198 Resp: 800

Ion	Ratio	Lower	Upper
198	100		
51	118.2	123.4	185.2#
105	78.2	79.5	119.3#



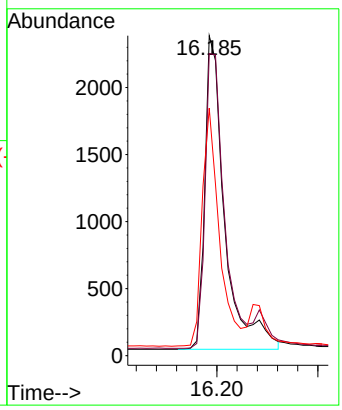


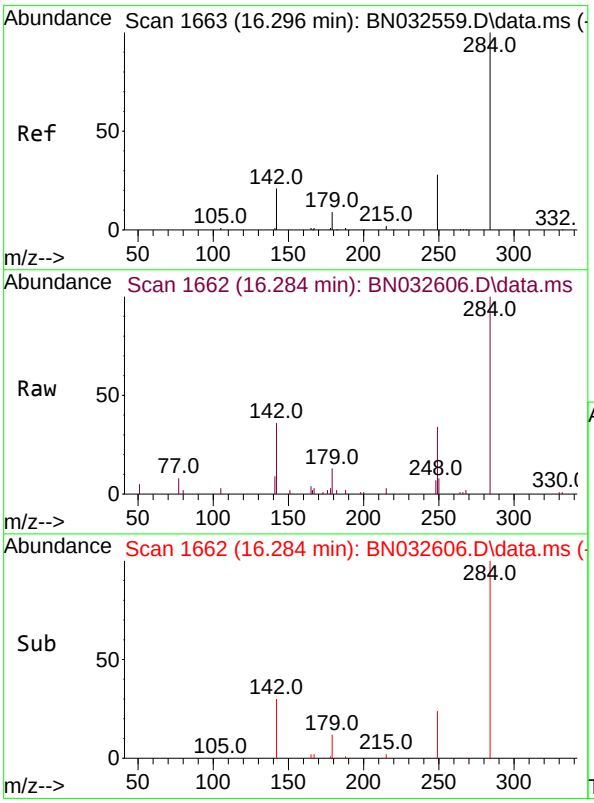
#21
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.185 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:248 Resp: 6387

Ion	Ratio	Lower	Upper
248	100		
250	94.4	80.2	120.2
141	77.3	55.7	83.5

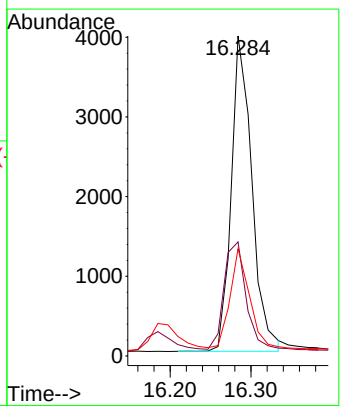


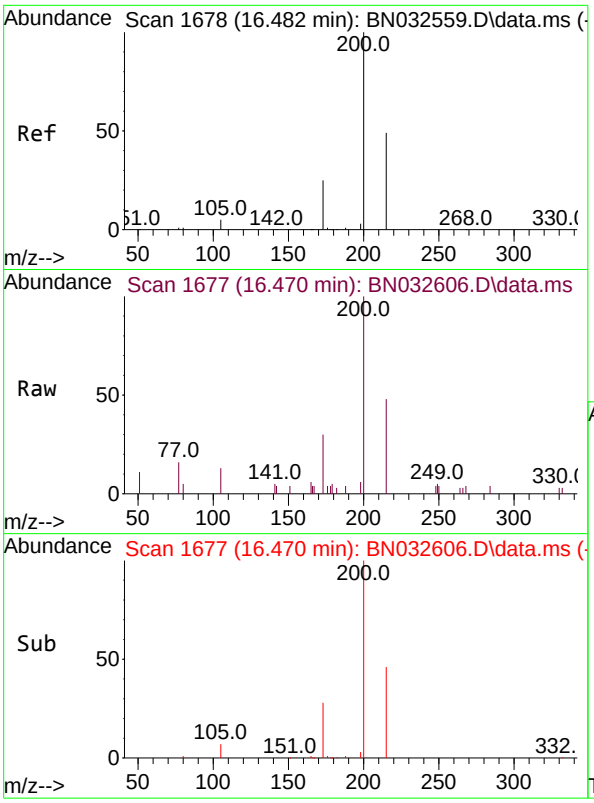


#22
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.284 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:284 Resp: 7024

Ion	Ratio	Lower	Upper
284	100		
142	35.6	27.6	41.4
249	29.0	23.6	35.4



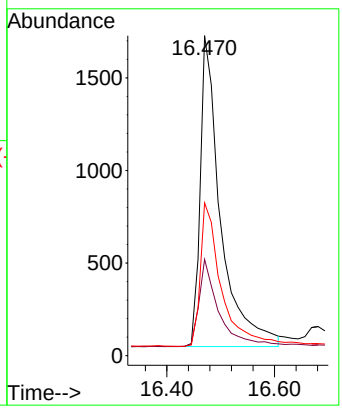


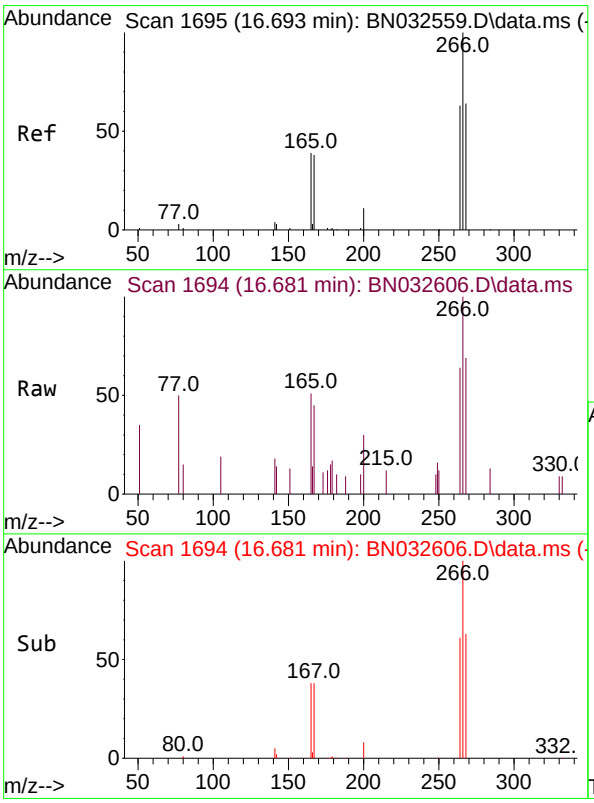
#23
Atrazine
Concen: 0.341 ng
RT: 16.470 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:200 Resp: 4421

Ion	Ratio	Lower	Upper
200	100		
173	30.1	22.3	33.5
215	47.7	41.0	61.6

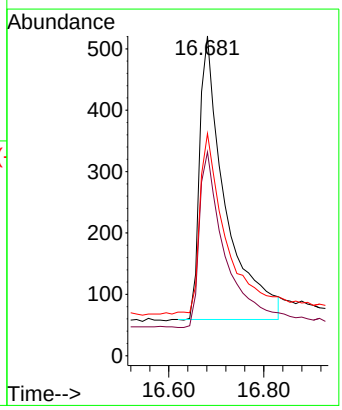


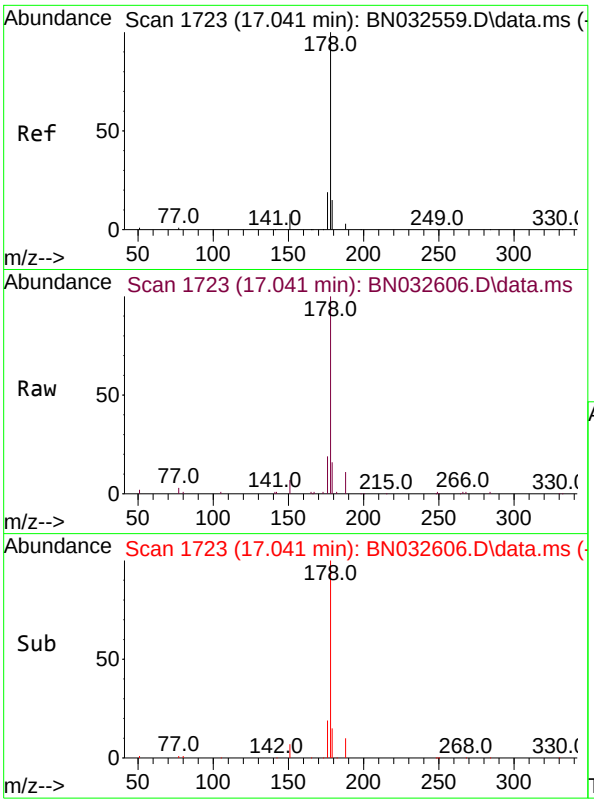


#24
Pentachlorophenol
Concen: 0.375 ng
RT: 16.681 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:266 Resp: 1733

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.6	74.4
268	64.6	52.2	78.2



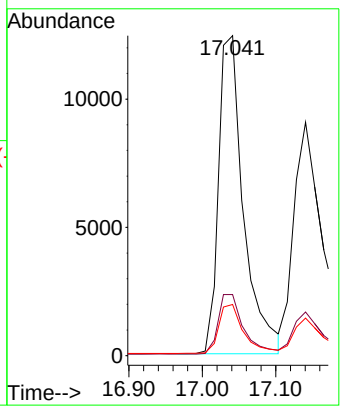


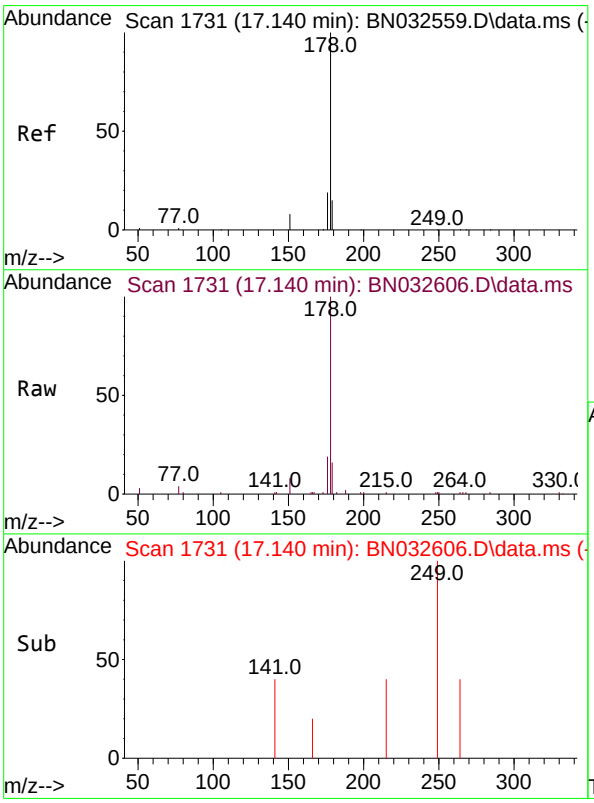
#25
Phenanthrene
Concen: 0.386 ng
RT: 17.041 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:178 Resp: 29374

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.2	18.4

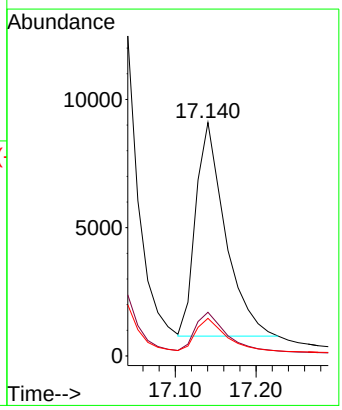


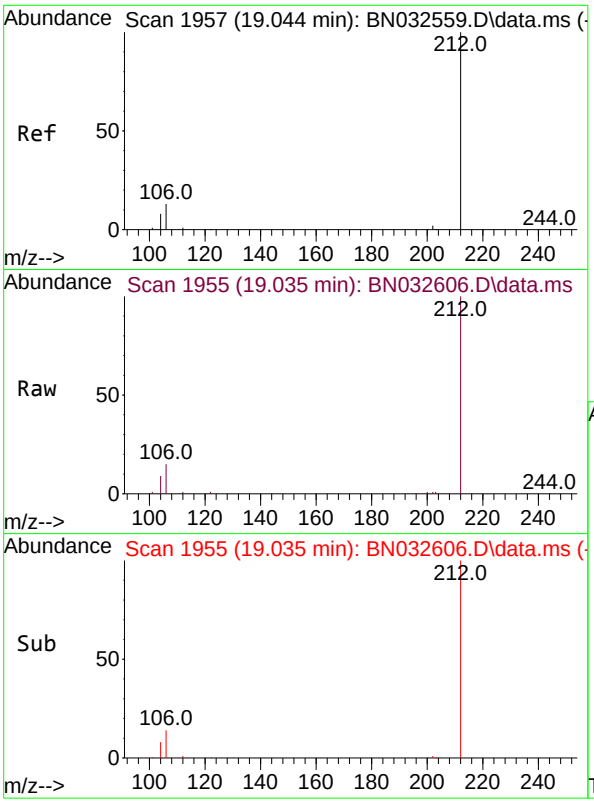


#26
Anthracene
Concen: 0.347 ng
RT: 17.140 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:178 Resp: 21196

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.2	11.9	17.9



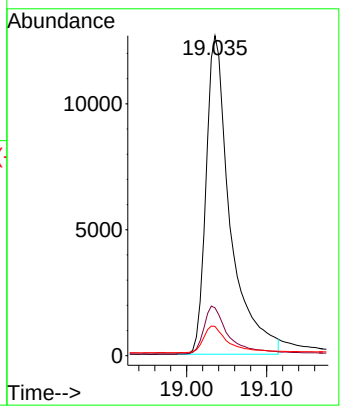


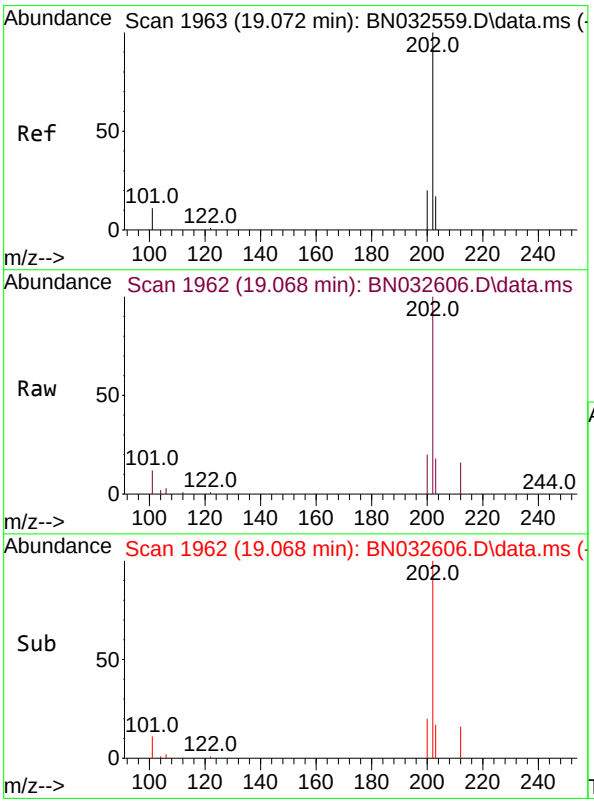
#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.035 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:212 Resp: 26518

Ion	Ratio	Lower	Upper
212	100		
106	15.1	11.8	17.8
104	8.6	6.9	10.3

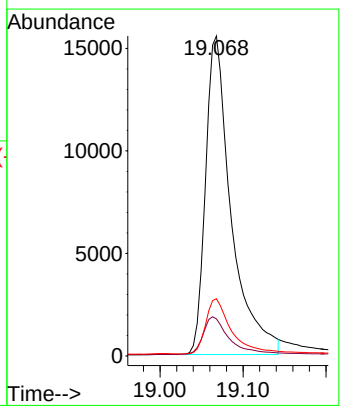


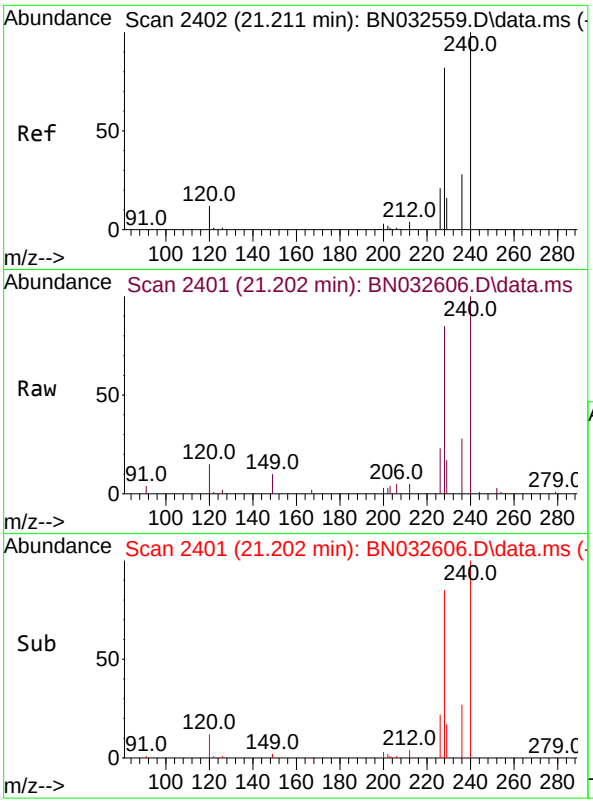


#28
Fluoranthene
Concen: 0.364 ng
RT: 19.068 min Scan# 1962
Delta R.T. -0.004 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:202 Resp: 33452

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.5	14.3
203	17.3	13.8	20.6



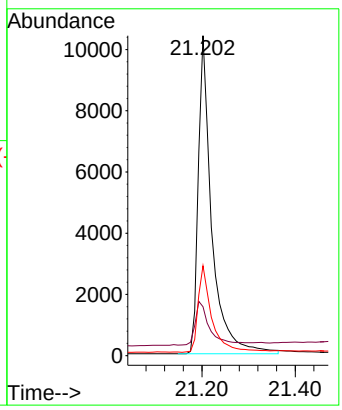


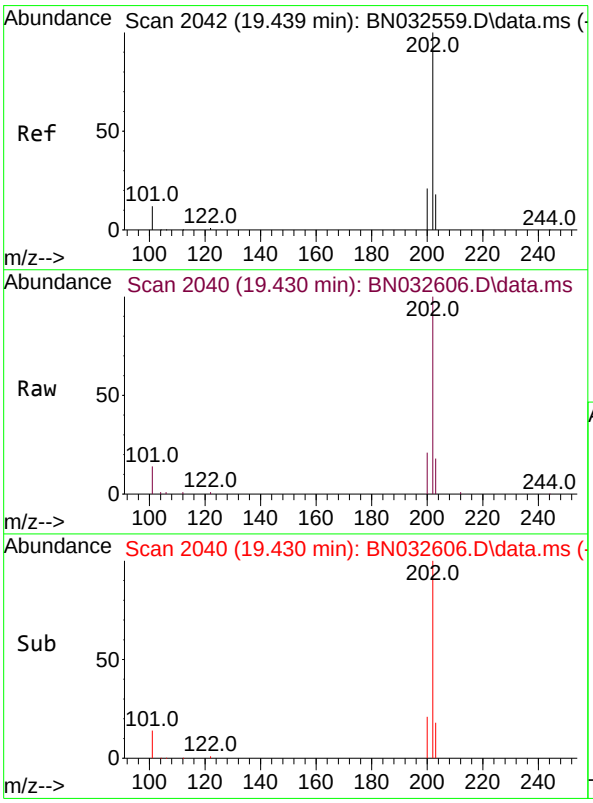
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:240 Resp: 20942

Ion	Ratio	Lower	Upper
240	100		
120	15.3	13.0	19.4
236	28.1	23.1	34.7

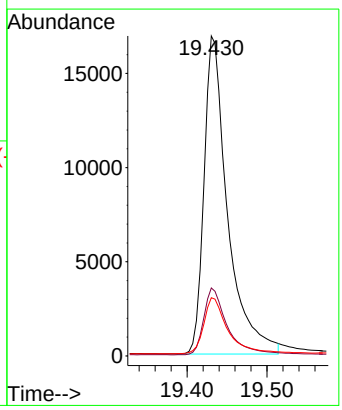


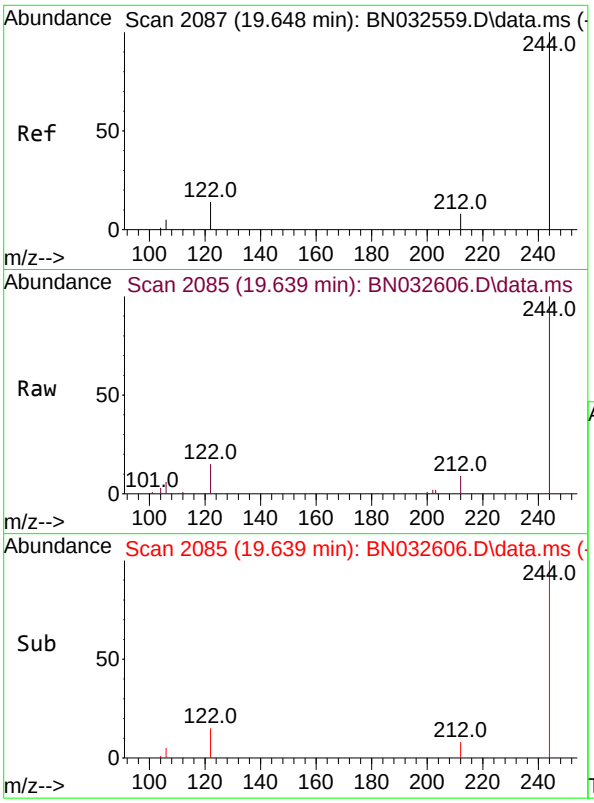


#30
Pyrene
Concen: 0.407 ng
RT: 19.430 min Scan# 2040
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:202 Resp: 34630

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.9	14.4	21.6



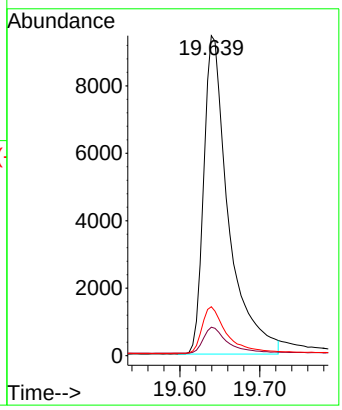


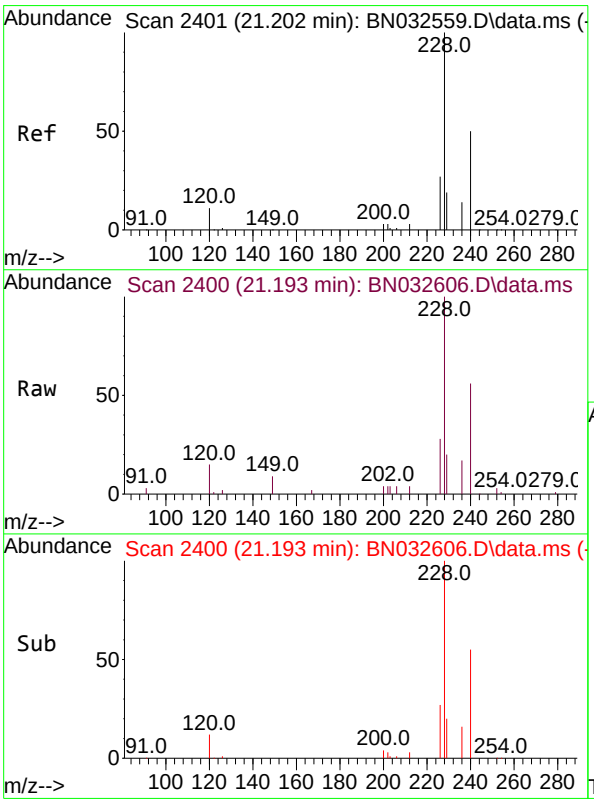
#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.639 min Scan# 2(
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:244 Resp: 20297

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	15.3	12.1	18.1

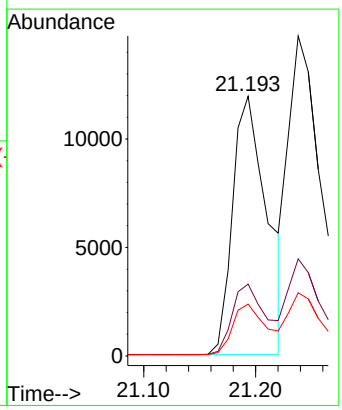


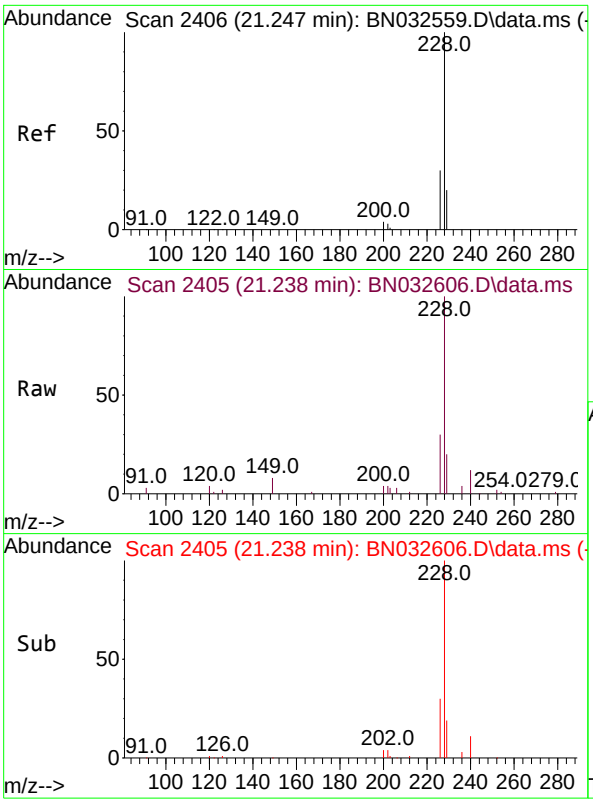


#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.193 min Scan# 2400
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:228 Resp: 25370

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	20.0	16.0	24.0



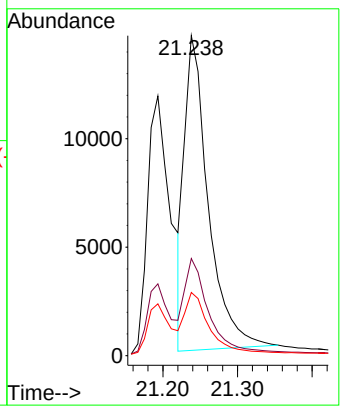


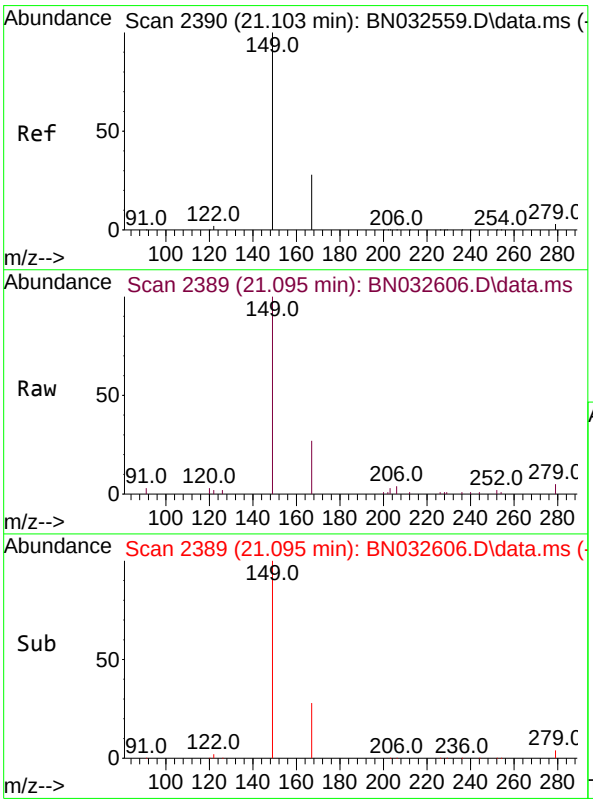
#33
Chrysene
Concen: 0.390 ng
RT: 21.238 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:228 Resp: 32082

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.7	16.1	24.1

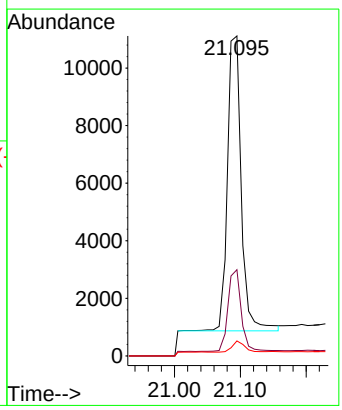


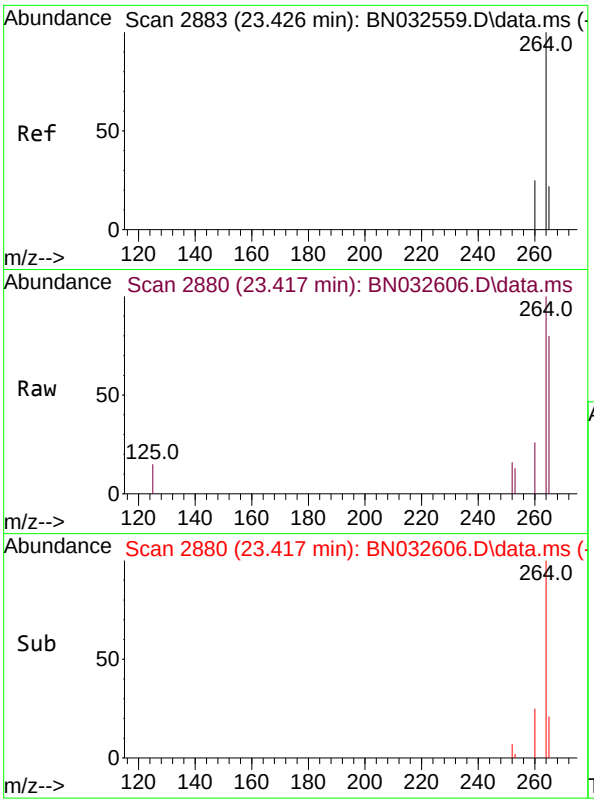


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.317 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:149 Resp: 14937

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.6	32.4
279	3.5	3.0	4.6



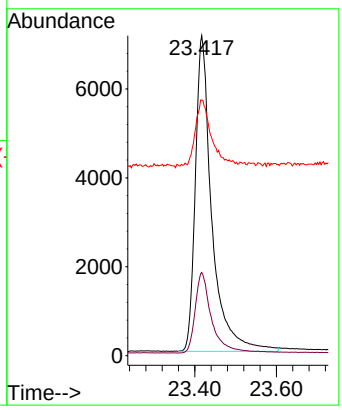


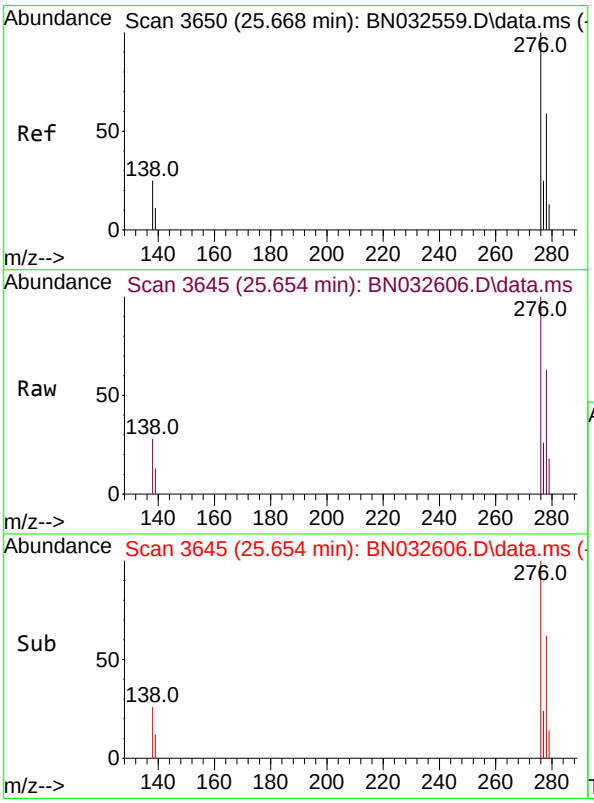
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.417 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:264 Resp: 19920

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.0	31.6
265	79.9	76.6	115.0

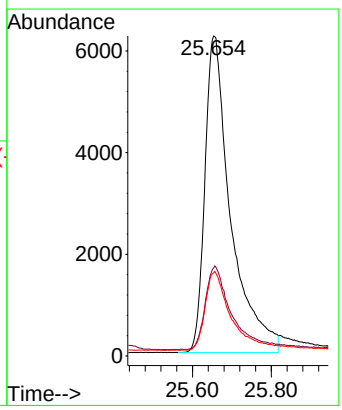


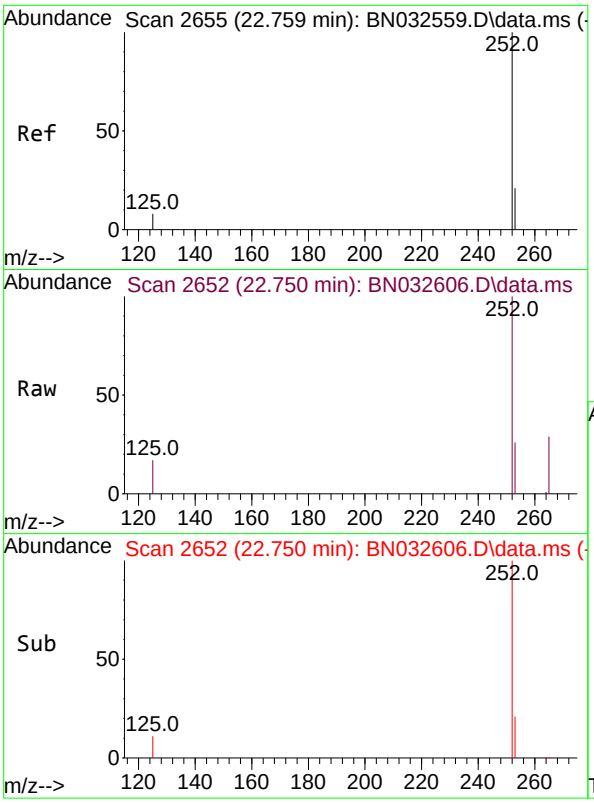


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.654 min Scan# 3645
Delta R.T. -0.014 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:276 Resp: 28321

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.4	32.0
277	24.8	19.9	29.9



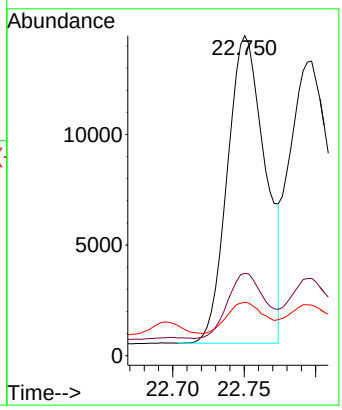


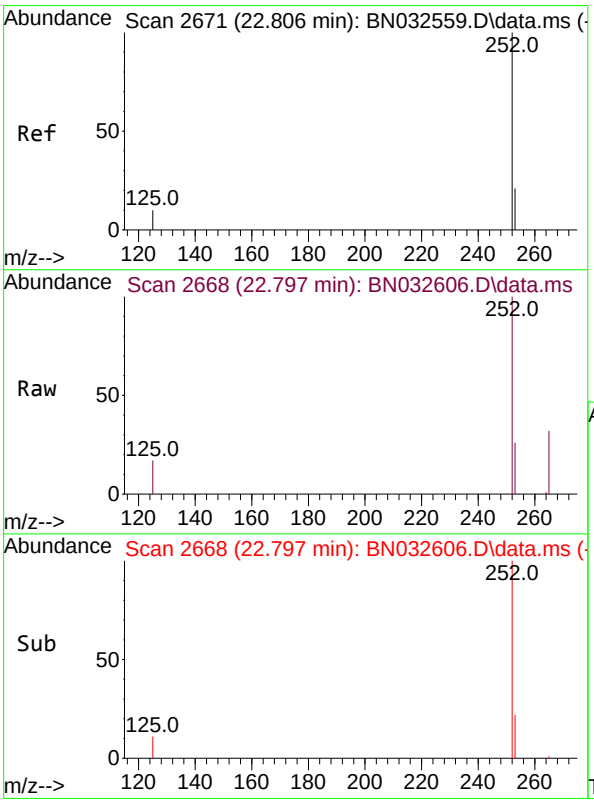
#37
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.750 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:252 Resp: 25696

Ion	Ratio	Lower	Upper
252	100		
253	25.7	22.2	33.4
125	16.7	15.4	23.0

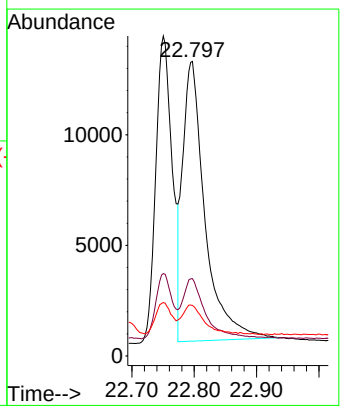


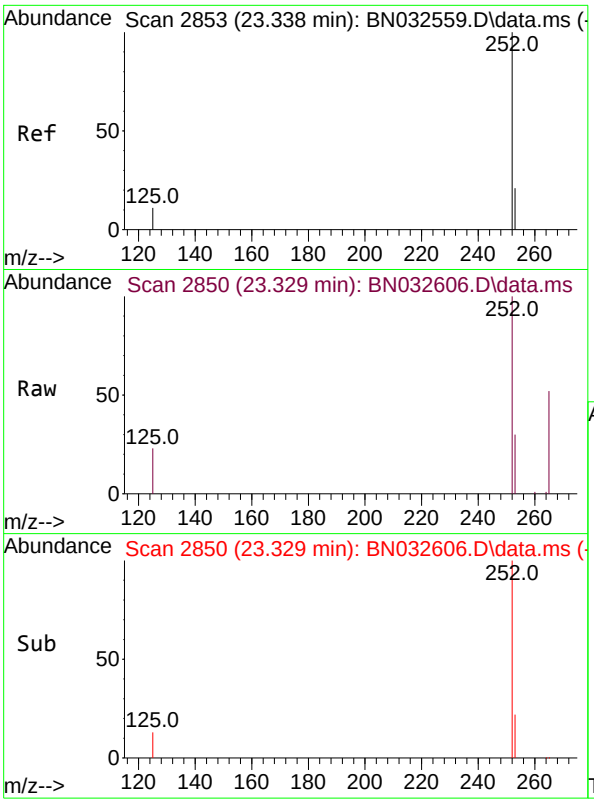


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.797 min Scan# 2668
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:252 Resp: 31389

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.9	32.9
125	17.2	15.3	22.9



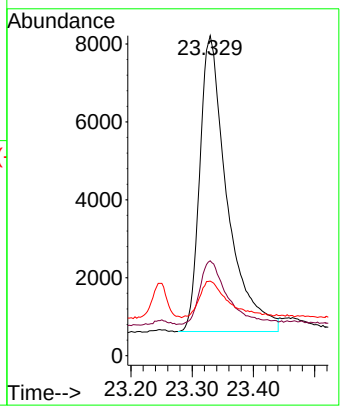


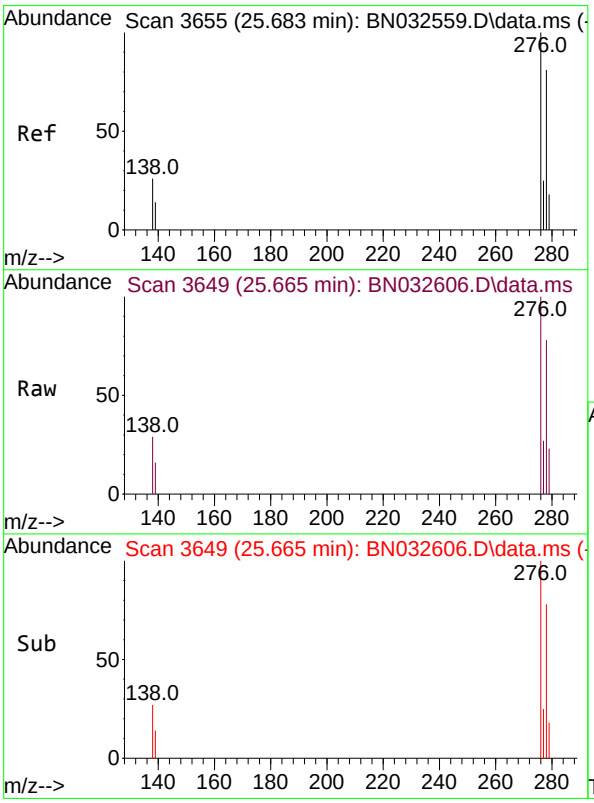
#39
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.329 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:252 Resp: 23528

Ion	Ratio	Lower	Upper
252	100		
253	29.6	25.5	38.3
125	23.3	20.7	31.1

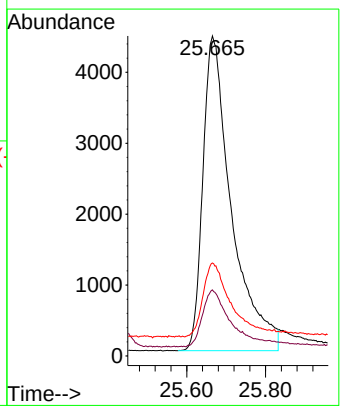


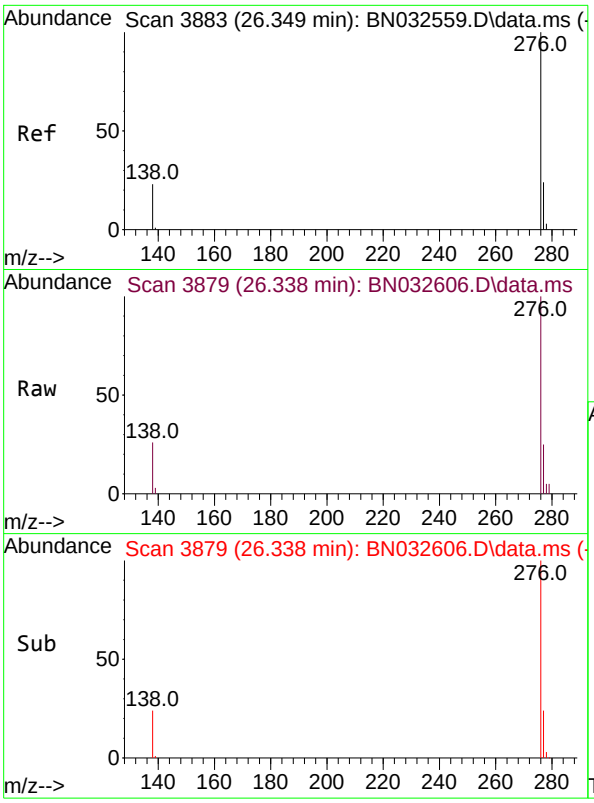


#40
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 25.665 min Scan# 3649
Delta R.T. -0.017 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Tgt Ion:278 Resp: 22358

Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.8	26.6
279	29.0	24.4	36.6





#41
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 26.338 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN032606.D
Acq: 10 Jul 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Tgt Ion:276 Resp: 25404

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.5	32.3
138	25.6	21.4	32.0