Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032600.D
Acq On : 09 Jul 2024 23:12
Operator : MA/JU
Sample : PB161970BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Quant Time: Jul 10 01:03:19 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	7555	0.400	ng		0.00
7) Naphthalene-d8	10.357	136	23739	0.400	ng		-0.02
13) Acenaphthene-d10	14.221	164	15214	0.400	ng		-0.01
19) Phenanthrene-d10	16.991	188	29412	0.400	ng		#-0.01
29) Chrysene-d12	21.202	240	22175	0.400	ng		0.00
35) Perylene-d12	23.414	264	23300	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	6983	0.366	ng		0.00
5) Phenol-d6	6.801	99	9029	0.370	ng		-0.02
8) Nitrobenzene-d5	8.777	82	6161	0.348	ng		-0.02
11) 2-Methylnaphthalene-d10	11.971	152	14215	0.379	ng		-0.01
14) 2,4,6-Tribromophenol	15.762	330	2059	0.299	ng		0.00
15) 2-Fluorobiphenyl	12.852	172	21707	0.387	ng		-0.01
27) Fluoranthene-d10	19.035	212	26873	0.351	ng		0.00
31) Terphenyl-d14	19.644	244	20169	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	3525	0.354	ng		99
3) n-Nitrosodimethylamine	3.479	42	2697	0.373	ng	#	95
6) bis(2-Chloroethyl)ether	7.032	93	6730	0.401	ng		98
9) Naphthalene	10.410	128	25140	0.388	ng		98
10) Hexachlorobutadiene	10.656	225	4838	0.375	ng	#	99
12) 2-Methylnaphthalene	12.047	142	16569	0.382	ng		99
16) Acenaphthylene	13.953	152	22896	0.349	ng		100
17) Acenaphthene	14.285	154	17050	0.374	ng		99
18) Fluorene	15.290	166	21709	0.364	ng		100
20) 4,6-Dinitro-2-methylph...	15.482	198	920	0.398	ng	#	69
21) 4-Bromophenyl-phenylether	16.184	248	6970	0.399	ng		93
22) Hexachlorobenzene	16.284	284	7578	0.394	ng		99
23) Atrazine	16.470	200	4429	0.325	ng		94
24) Pentachlorophenol	16.681	266	1918	0.386	ng		99
25) Phenanthrene	17.041	178	30853	0.386	ng		100
26) Anthracene	17.140	178	22723	0.354	ng		99
28) Fluoranthene	19.068	202	33743	0.350	ng		100
30) Pyrene	19.435	202	34857	0.386	ng		100
32) Benzo(a)anthracene	21.193	228	26406	0.360	ng		100
33) Chrysene	21.238	228	34128	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	15052	0.302	ng		99
36) Indeno(1,2,3-cd)pyrene	25.653	276	36628	0.411	ng		100
37) Benzo(b)fluoranthene	22.750	252	29530	0.380	ng		95
38) Benzo(k)fluoranthene	22.797	252	34597	0.387	ng		95
39) Benzo(a)pyrene	23.326	252	27597	0.375	ng		92
40) Dibenzo(a,h)anthracene	25.665	278	28971	0.410	ng		94
41) Benzo(g,h,i)perylene	26.335	276	32825	0.427	ng		95

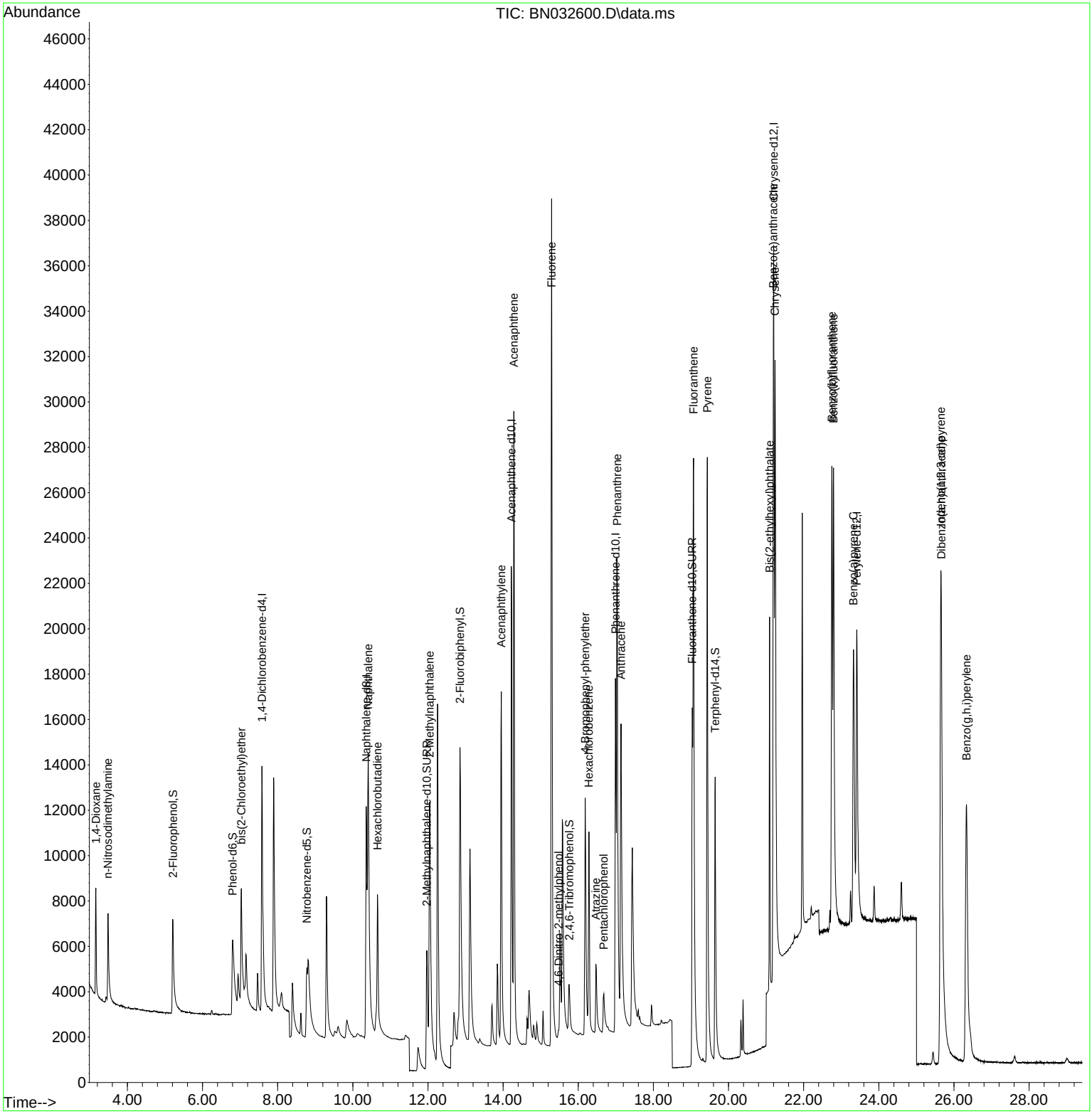
(#) = qualifier out of range (m) = manual integration (+) = signals summed

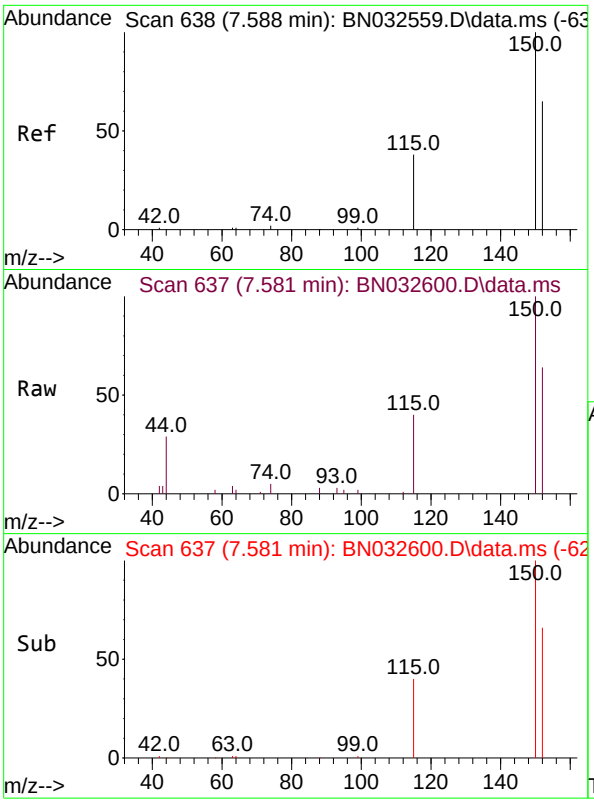
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032600.D
Acq On : 09 Jul 2024 23:12
Operator : MA/JU
Sample : PB161970BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Quant Time: Jul 10 01:03:19 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



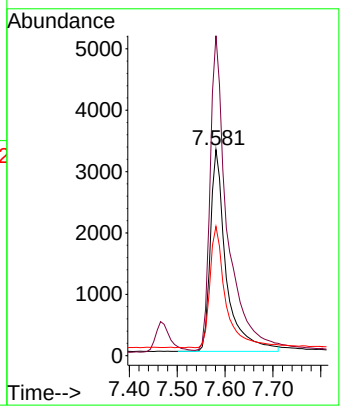


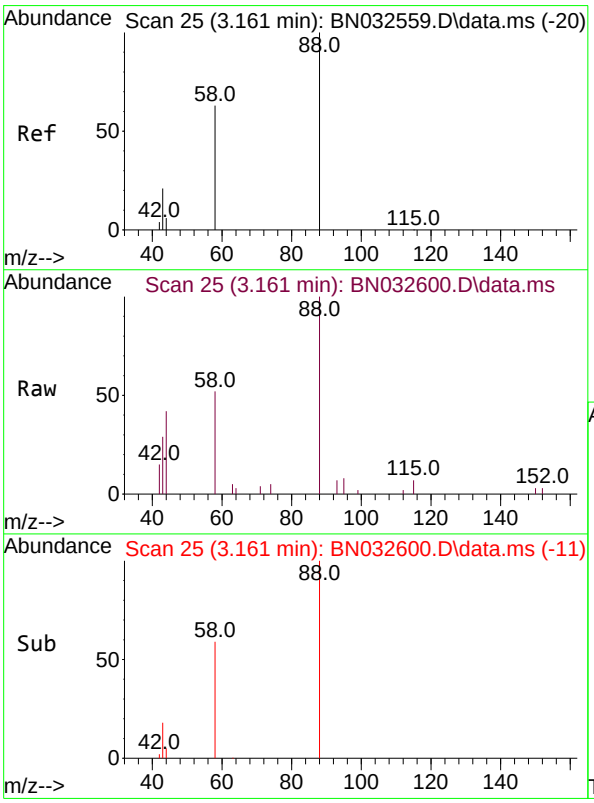
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.581 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:152 Resp: 7555

Ion	Ratio	Lower	Upper
152	100		
150	155.3	121.6	182.4
115	62.7	53.1	79.7

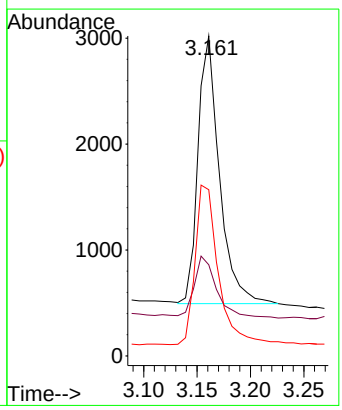


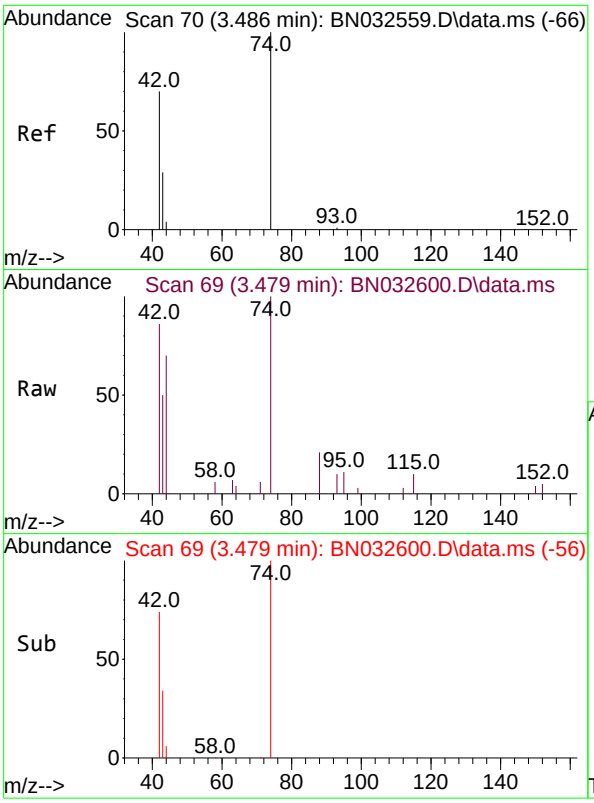


#2
1,4-Dioxane
Concen: 0.354 ng
RT: 3.161 min Scan# 25
Delta R.T. -0.000 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion: 88 Resp: 3525

Ion	Ratio	Lower	Upper
88	100		
43	24.5	20.4	30.6
58	64.2	51.0	76.6



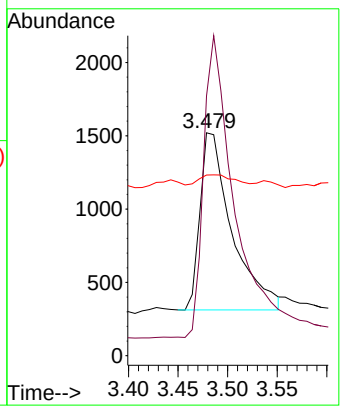


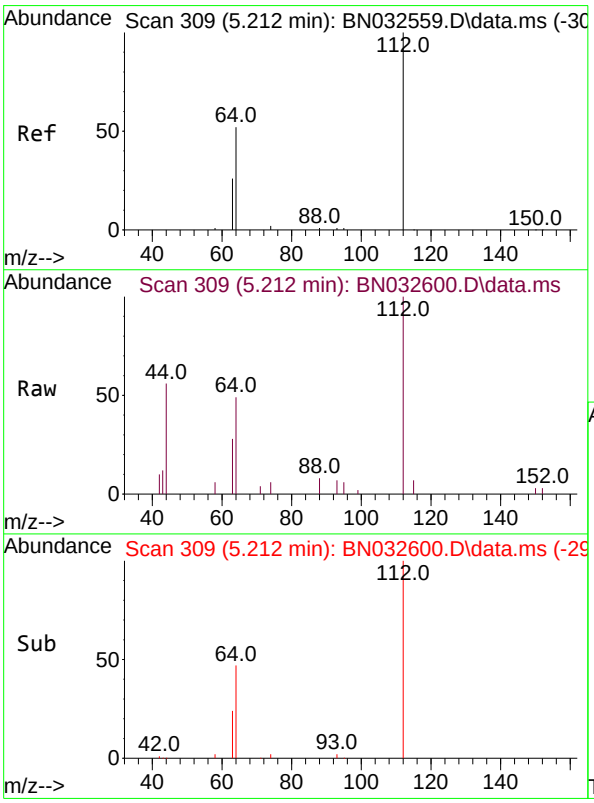
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.479 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion: 42 Resp: 2697

Ion	Ratio	Lower	Upper
42	100		
74	164.9	126.8	190.2
44	6.3	8.7	13.1#

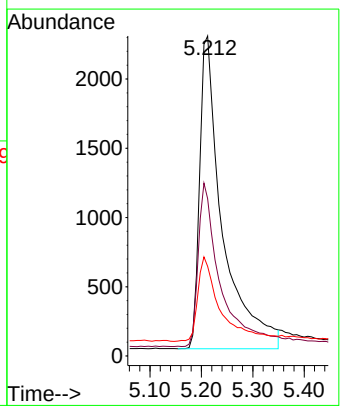


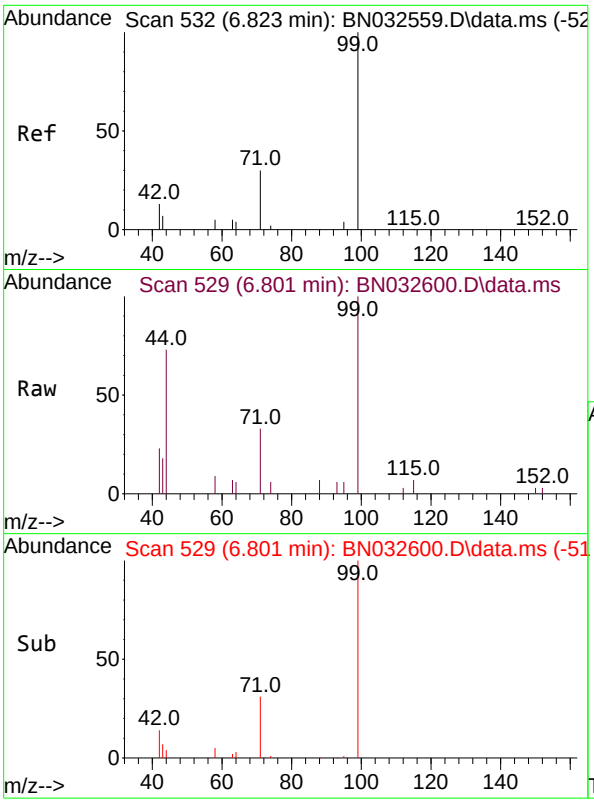


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.212 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:112 Resp: 6983

Ion	Ratio	Lower	Upper
112	100		
64	50.7	41.2	61.8
63	26.9	21.6	32.4



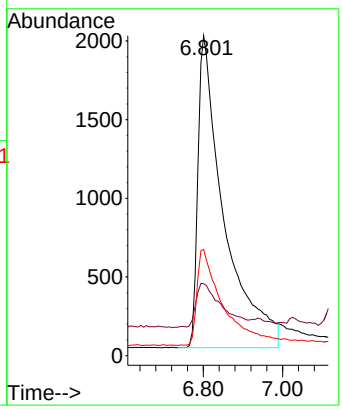


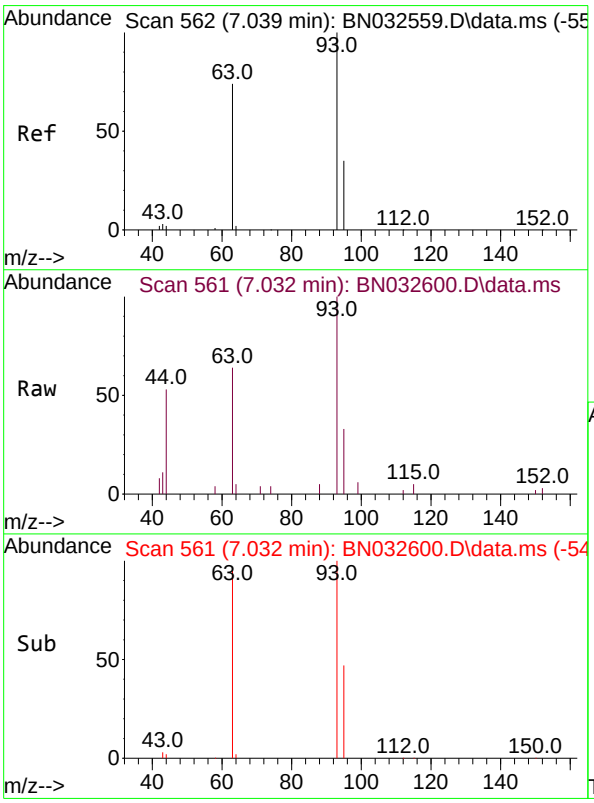
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.801 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion: 99 Resp: 9029

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.6	16.0
71	31.0	25.2	37.8

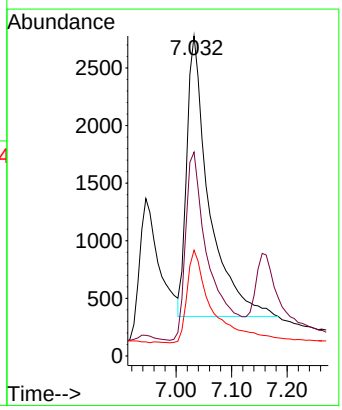


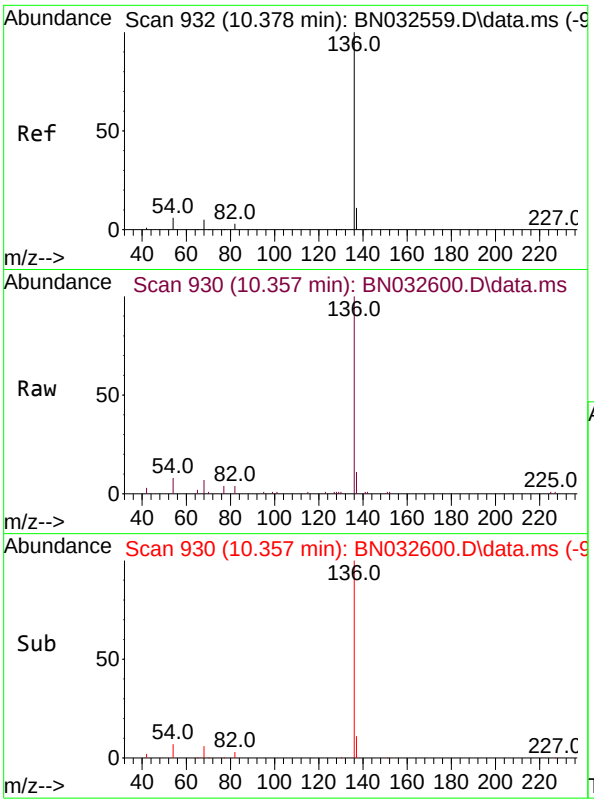


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.032 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion: 93 Resp: 6730

Ion	Ratio	Lower	Upper
93	100		
63	69.9	54.1	81.1
95	37.9	30.5	45.7



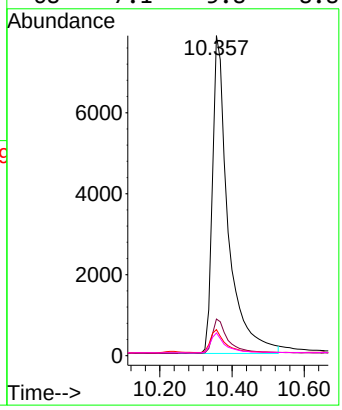


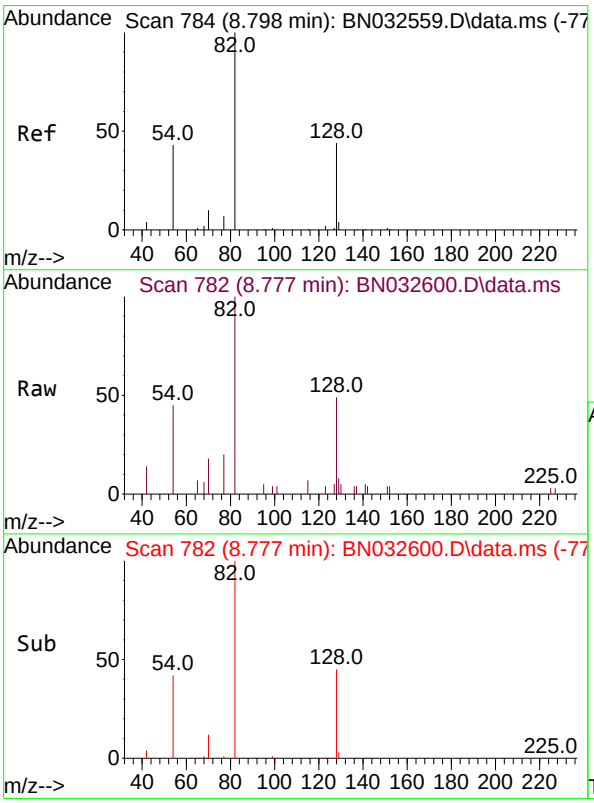
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:136 Resp: 23739

Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.0	15.0
54	8.1	6.6	9.8
68	7.1	5.8	8.8

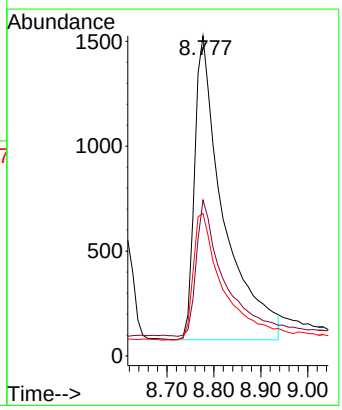


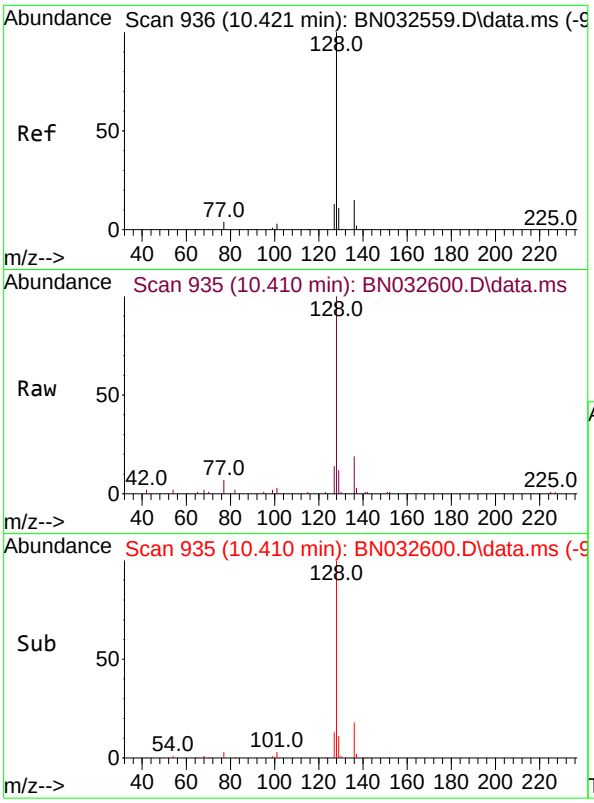


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.777 min Scan# 782
Delta R.T. -0.021 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion: 82 Resp: 6161

Ion	Ratio	Lower	Upper
82	100		
128	48.7	43.4	65.2
54	44.6	40.2	60.2



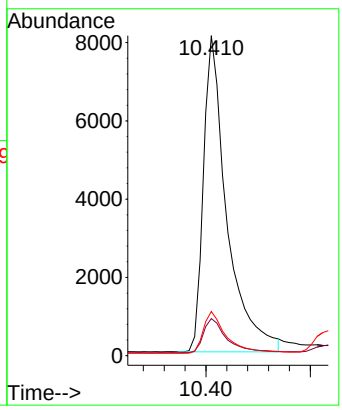


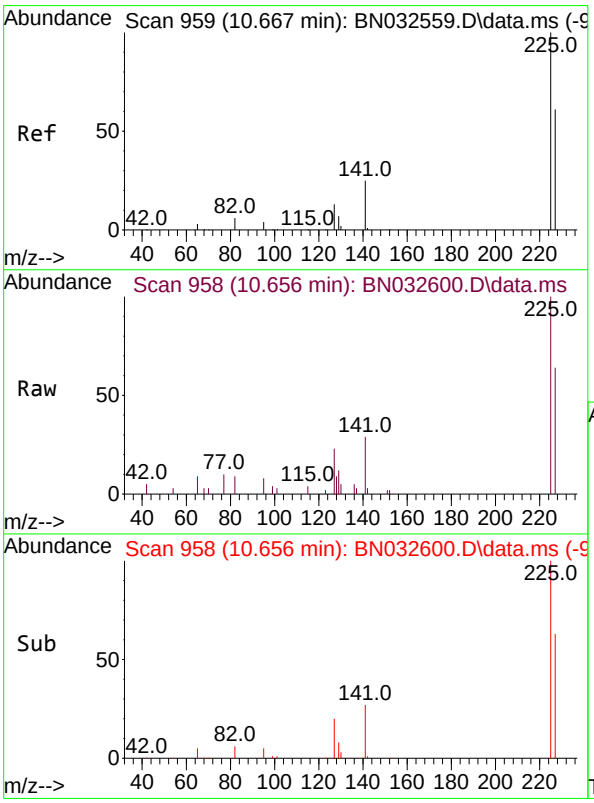
#9
Naphthalene
Concen: 0.388 ng
RT: 10.410 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:128 Resp: 25140

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.2	15.4
127	13.8	11.4	17.0

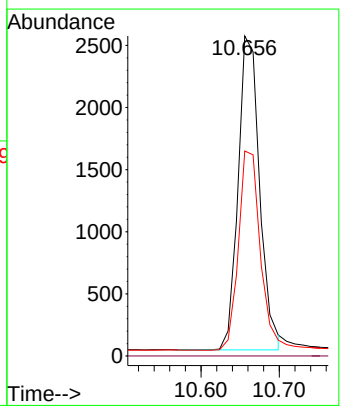


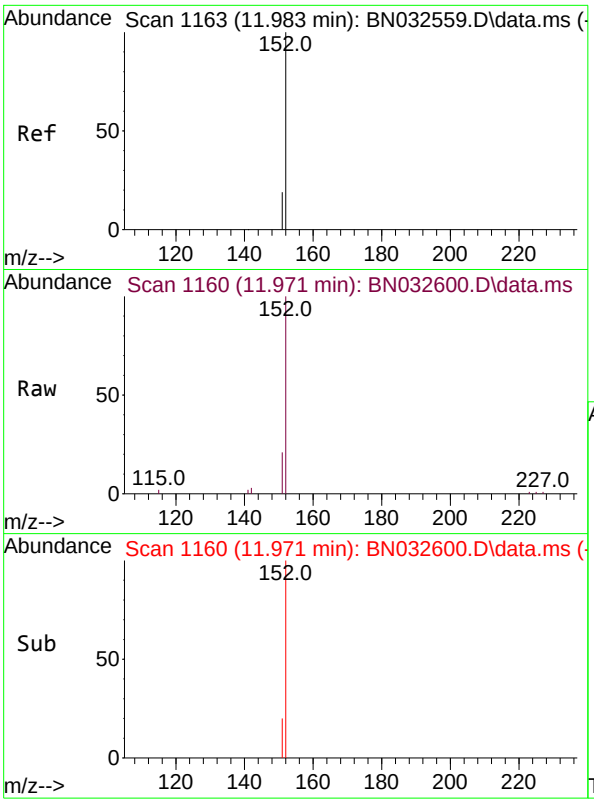


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.656 min Scan# 958
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:225 Resp: 4838

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.6	76.0



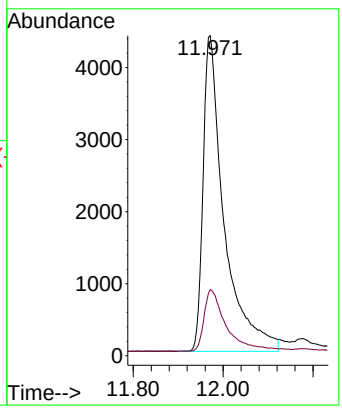


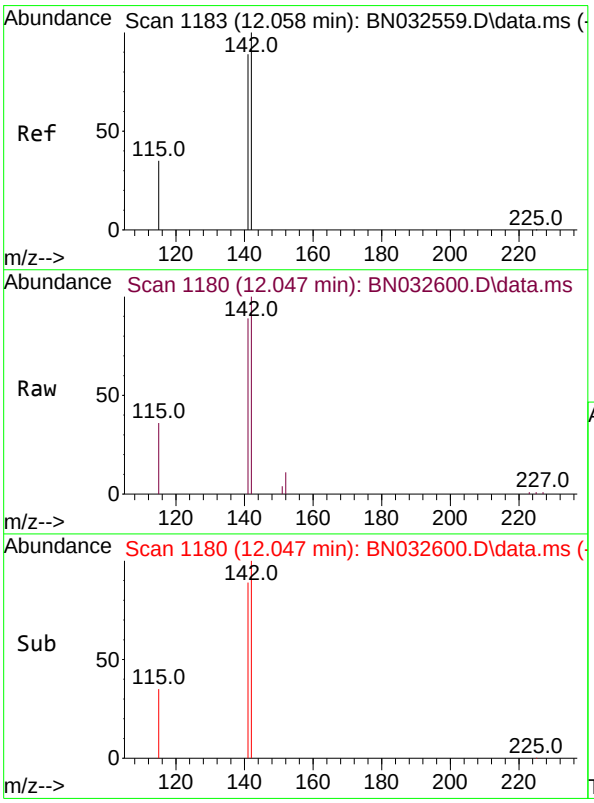
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.971 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:152 Resp: 14215

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

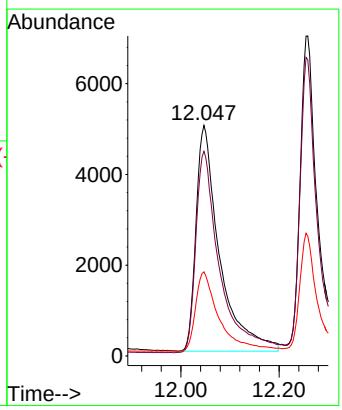


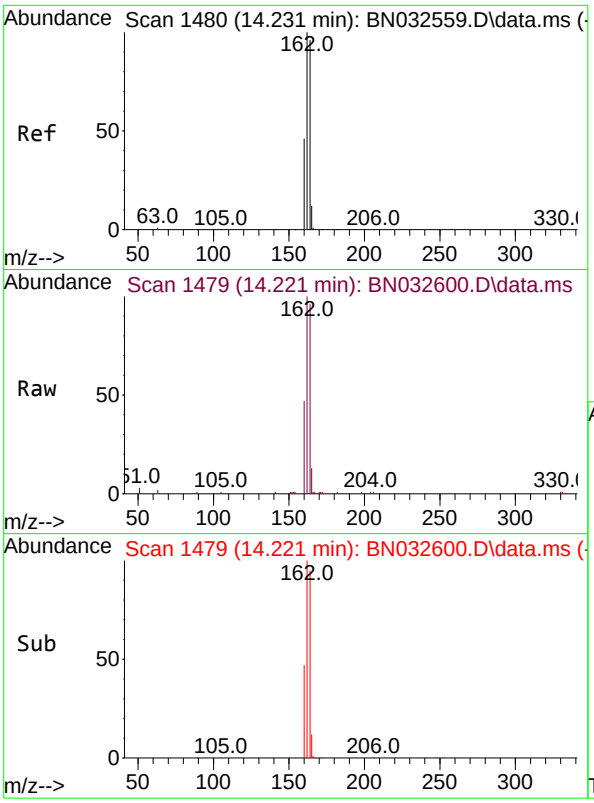


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.047 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:142 Resp: 16569

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	36.5	30.5	45.7



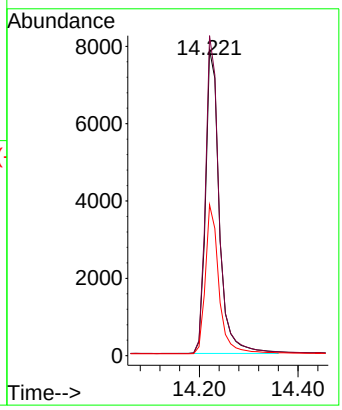


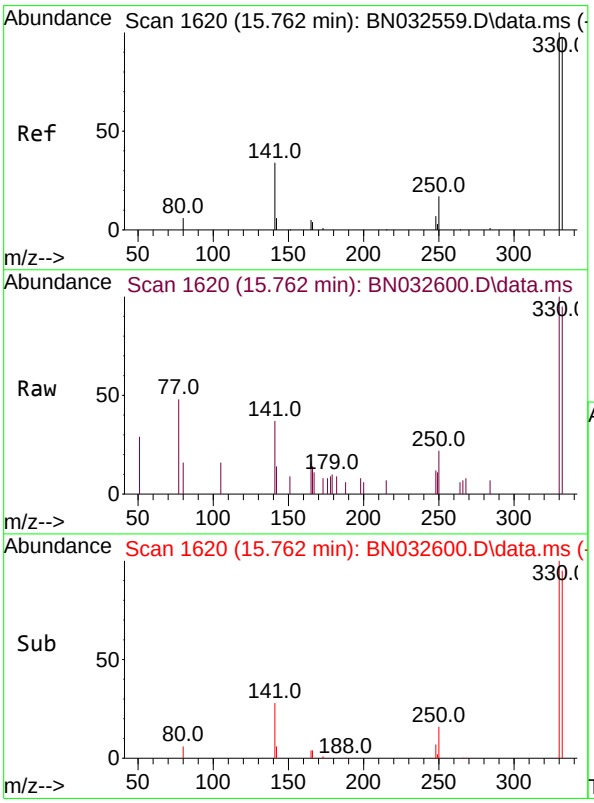
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.221 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:164 Resp: 15214

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.2	124.8
160	49.4	38.6	57.8

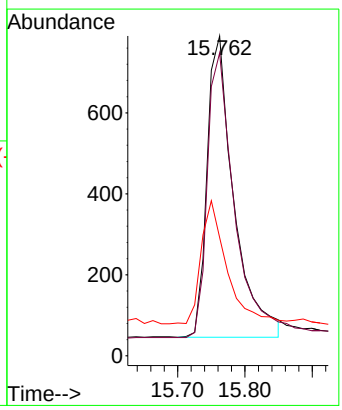


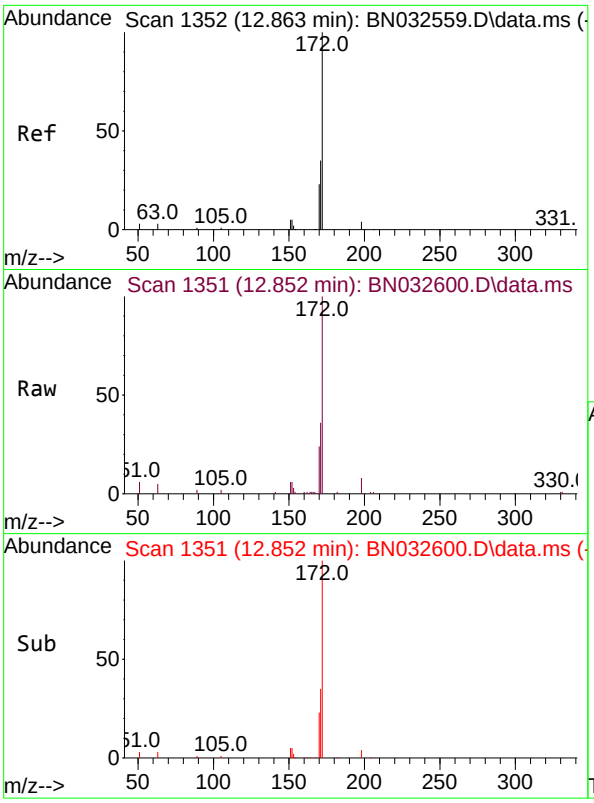


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.762 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:330 Resp: 2059

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.7	116.5
141	39.3	31.8	47.8



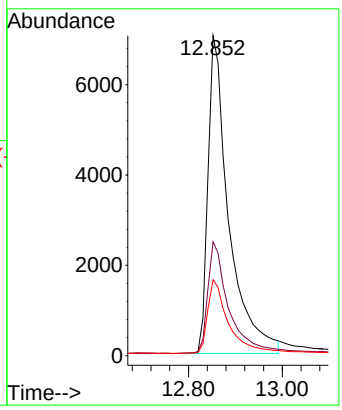


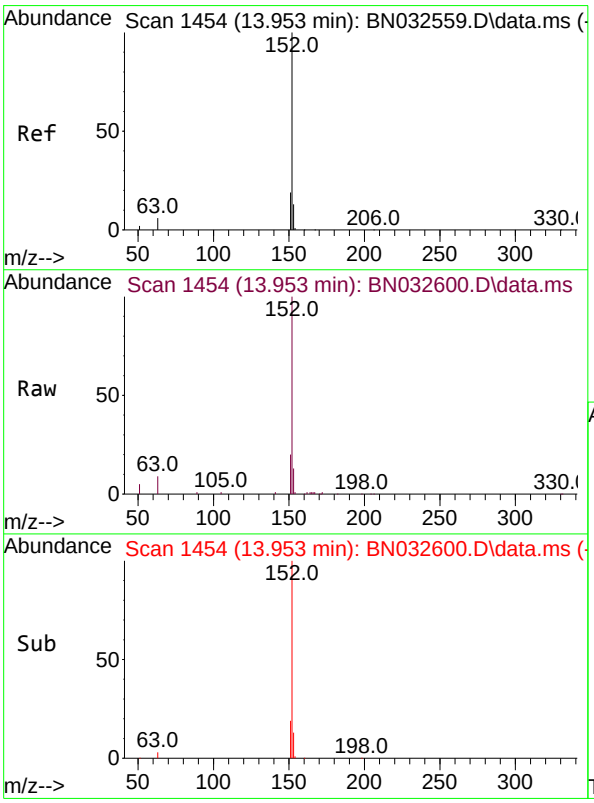
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.852 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:172 Resp: 21707

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.8	19.2	28.8

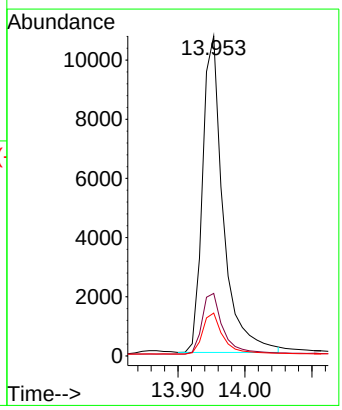


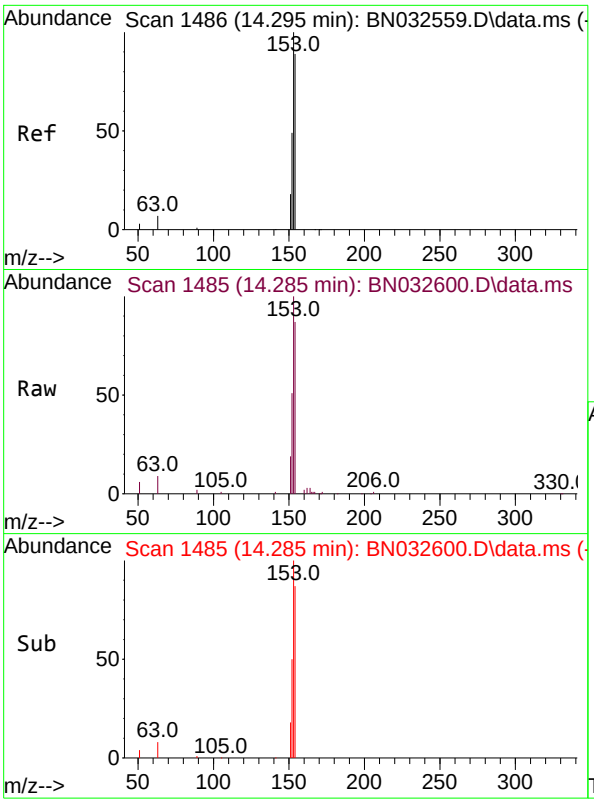


#16
Acenaphthylene
Concen: 0.349 ng
RT: 13.953 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:152 Resp: 22896

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.1	10.5	15.7



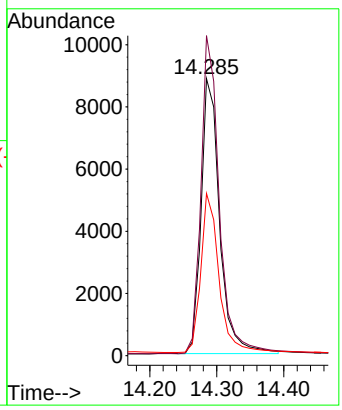


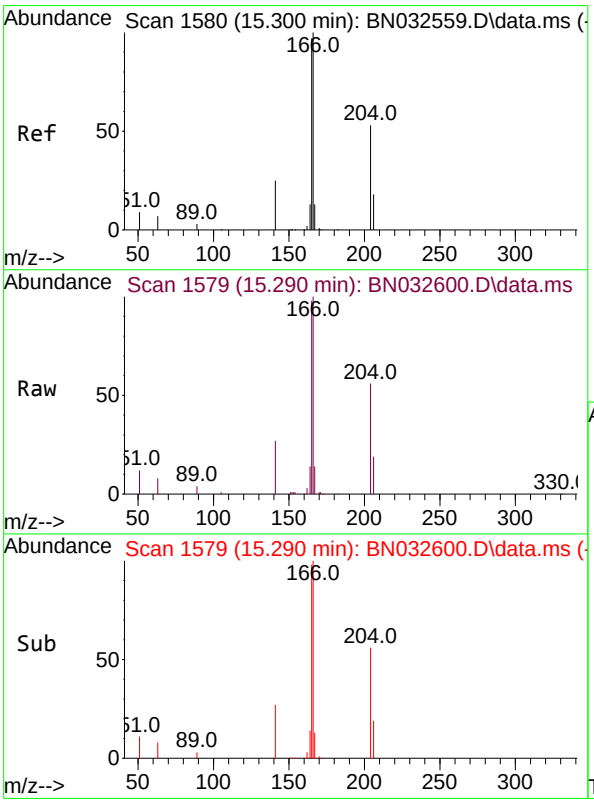
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.285 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:154 Resp: 17050

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.9	136.3
152	56.4	44.4	66.6

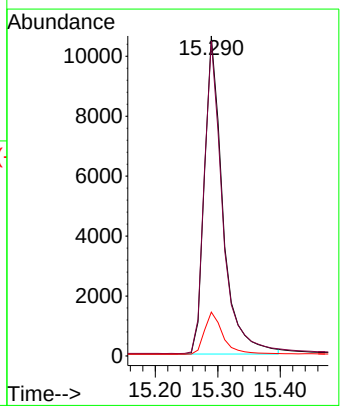


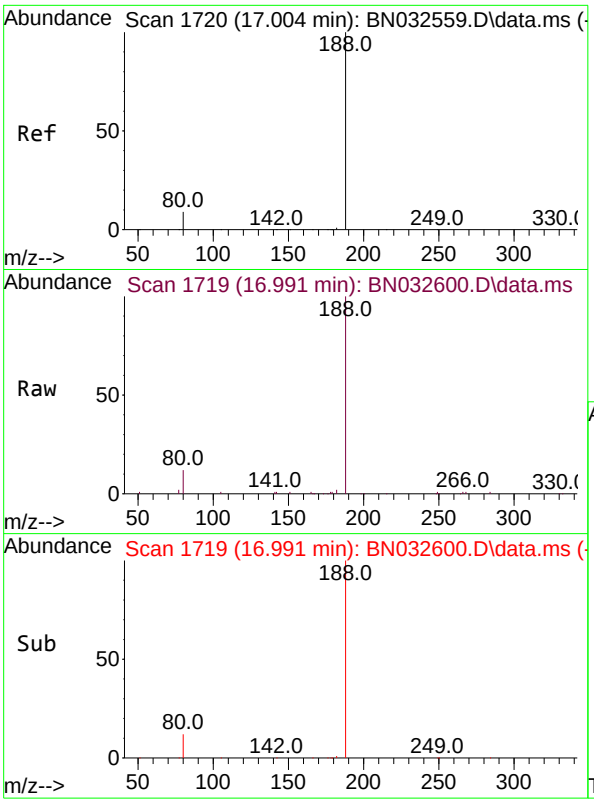


#18
Fluorene
Concen: 0.364 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:166 Resp: 21709

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.7	118.1
167	13.3	10.7	16.1



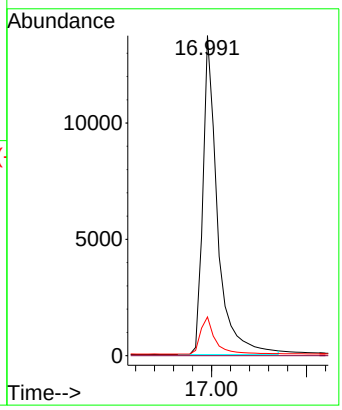


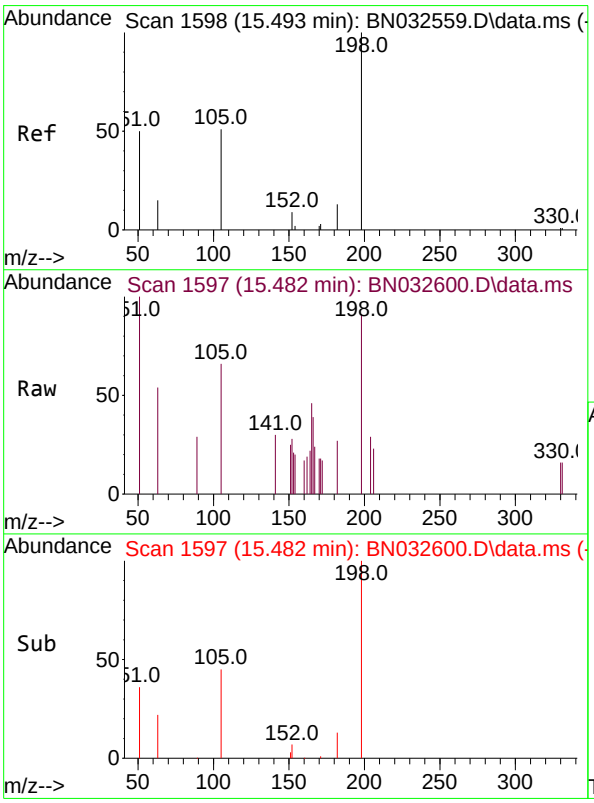
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:188 Resp: 29412

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

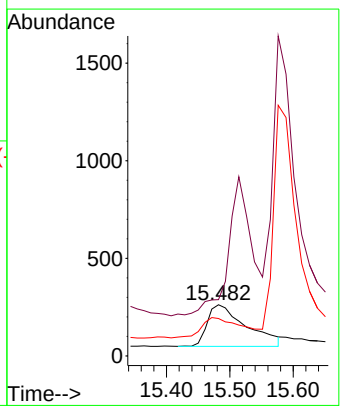


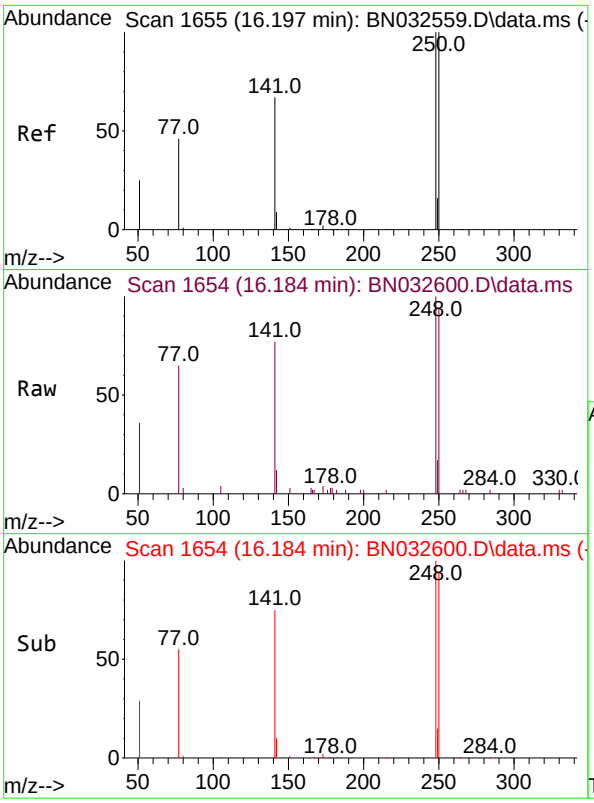


#20
4,6-Dinitro-2-methylphenol
Concen: 0.398 ng
RT: 15.482 min Scan# 1597
Delta R.T. -0.011 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:198 Resp: 920

Ion	Ratio	Lower	Upper
198	100		
51	110.3	123.4	185.2#
105	73.3	79.5	119.3#



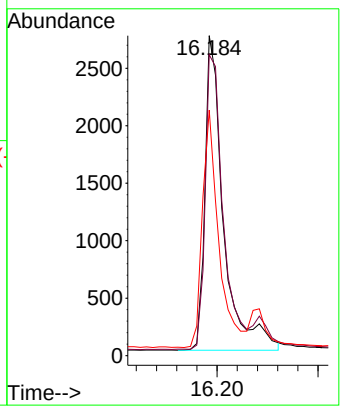


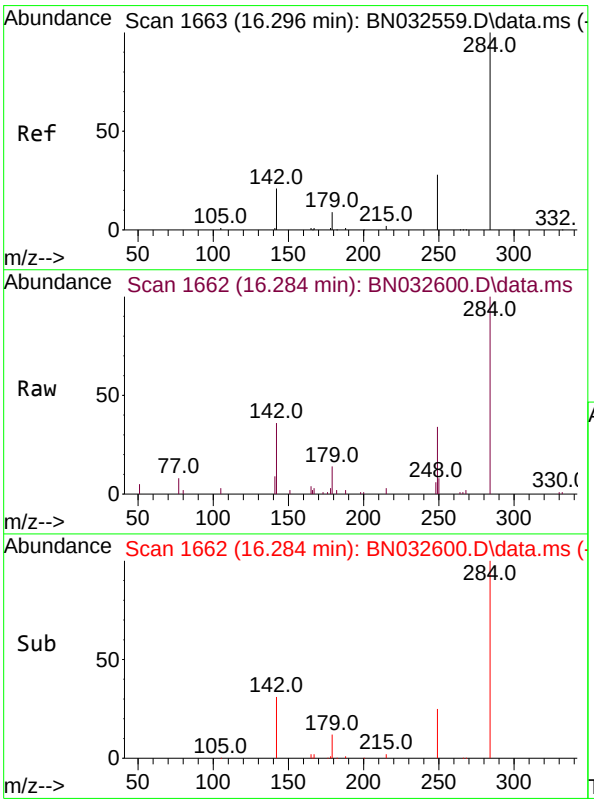
#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.184 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:248 Resp: 6970

Ion	Ratio	Lower	Upper
248	100		
250	94.0	80.2	120.2
141	76.7	55.7	83.5

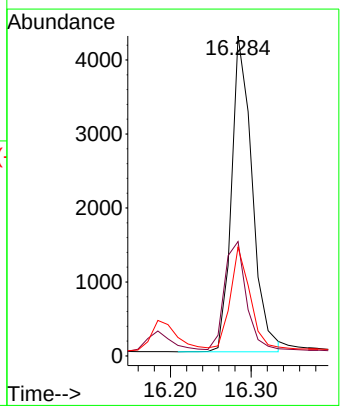


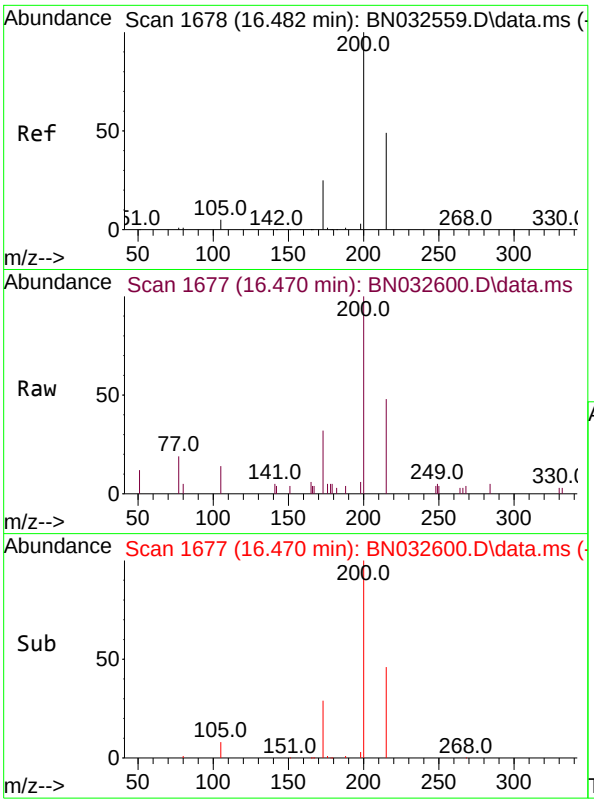


#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.284 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:284 Resp: 7578

Ion	Ratio	Lower	Upper
284	100		
142	35.4	27.6	41.4
249	29.5	23.6	35.4



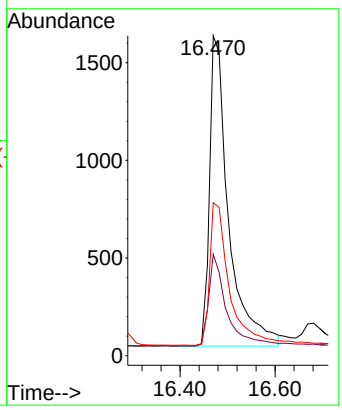


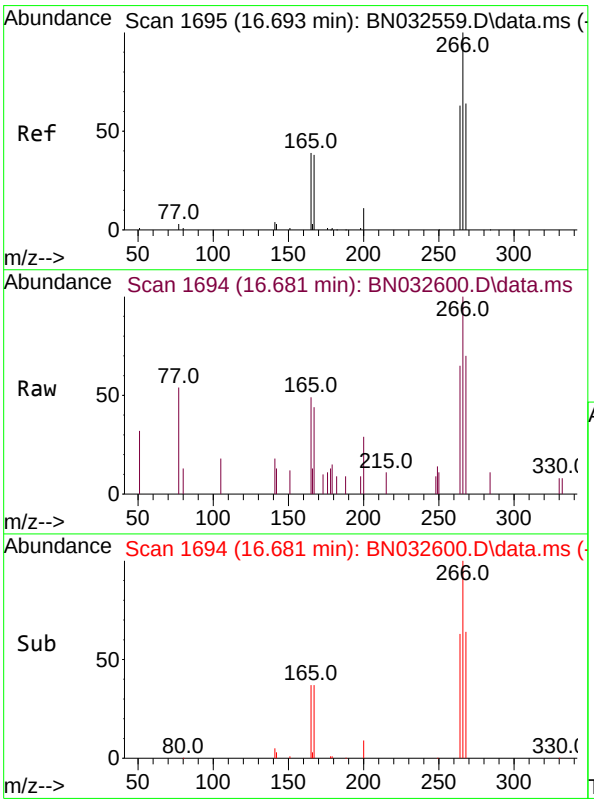
#23
Atrazine
Concen: 0.325 ng
RT: 16.470 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:200 Resp: 4429

Ion	Ratio	Lower	Upper
200	100		
173	31.7	22.3	33.5
215	47.8	41.0	61.6

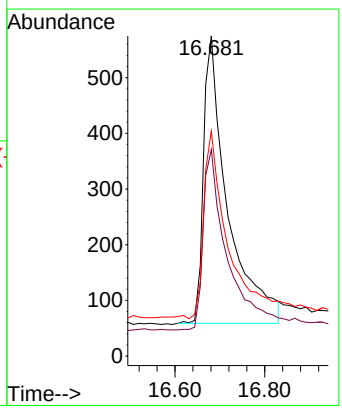


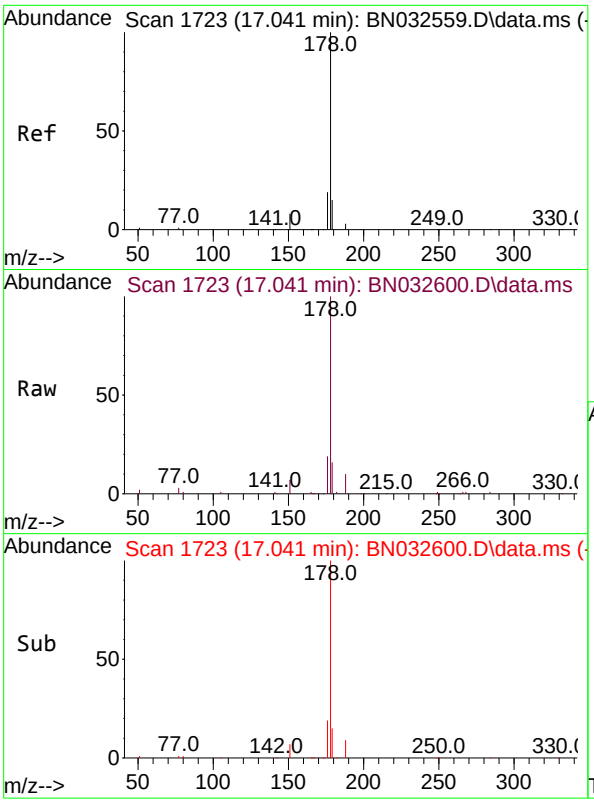


#24
Pentachlorophenol
Concen: 0.386 ng
RT: 16.681 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:266 Resp: 1918

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.6	74.4
268	64.9	52.2	78.2



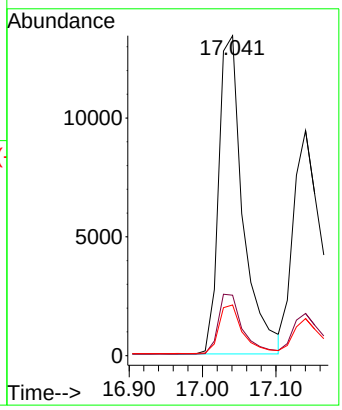


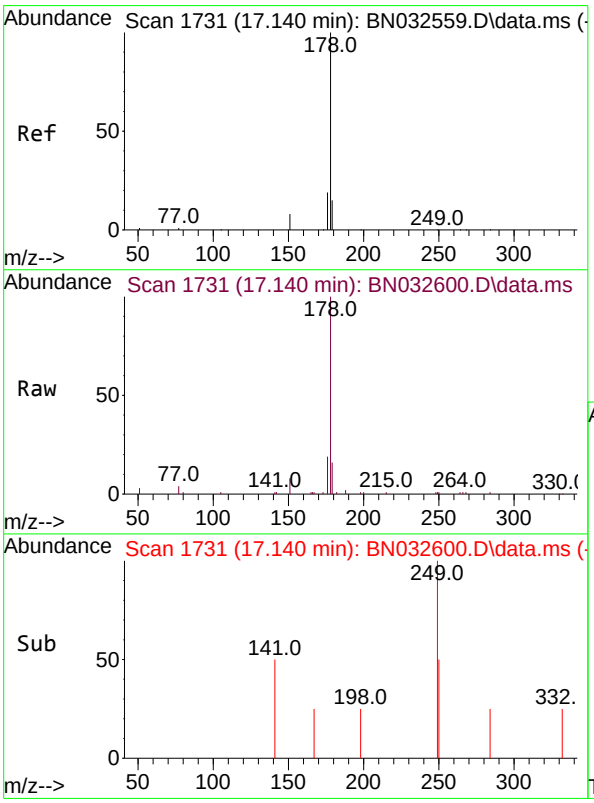
#25
Phenanthrene
Concen: 0.386 ng
RT: 17.041 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:178 Resp: 30853

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.2	18.4

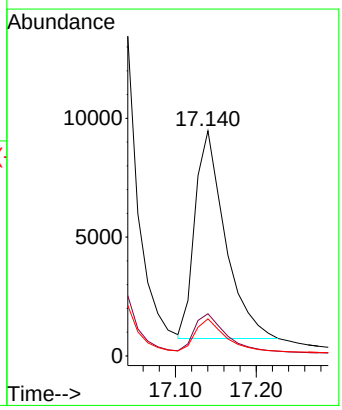


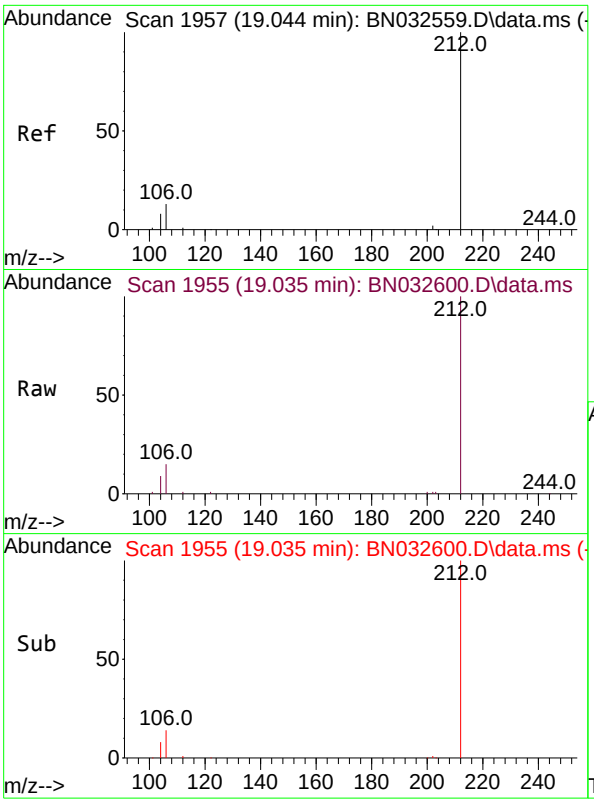


#26
Anthracene
Concen: 0.354 ng
RT: 17.140 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:178 Resp: 22723

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.0	11.9	17.9



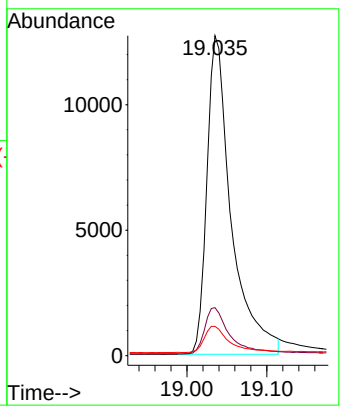


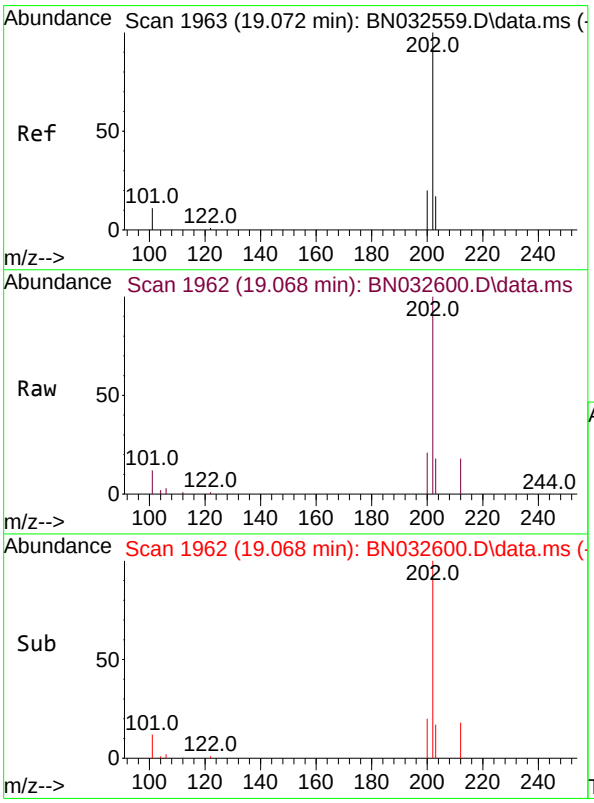
#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.035 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:212 Resp: 26873

Ion	Ratio	Lower	Upper
212	100		
106	14.9	11.8	17.8
104	8.5	6.9	10.3

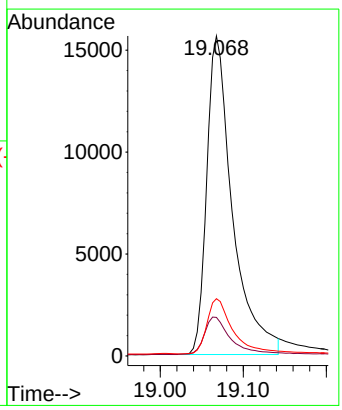


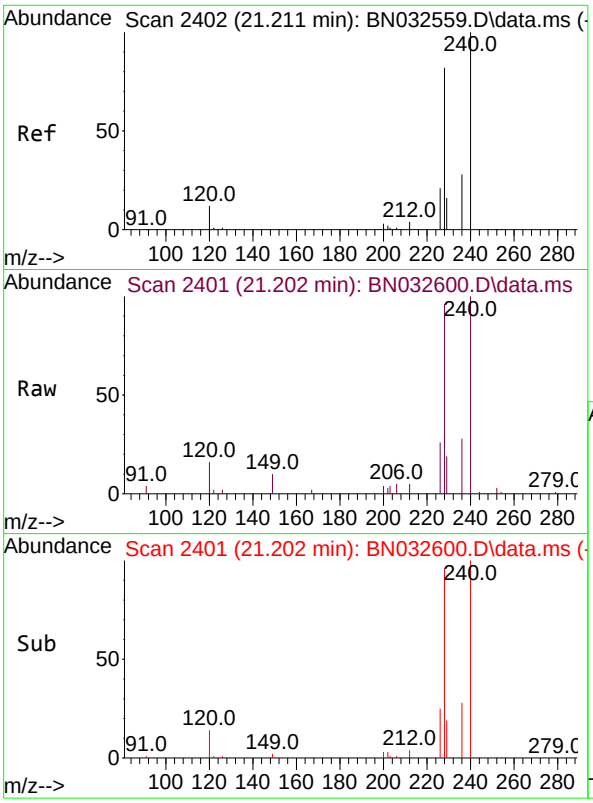


#28
Fluoranthene
Concen: 0.350 ng
RT: 19.068 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:202 Resp: 33743

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
203	17.3	13.8	20.6



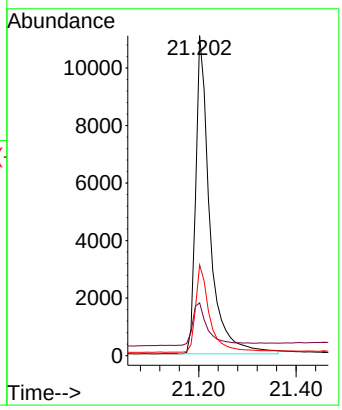


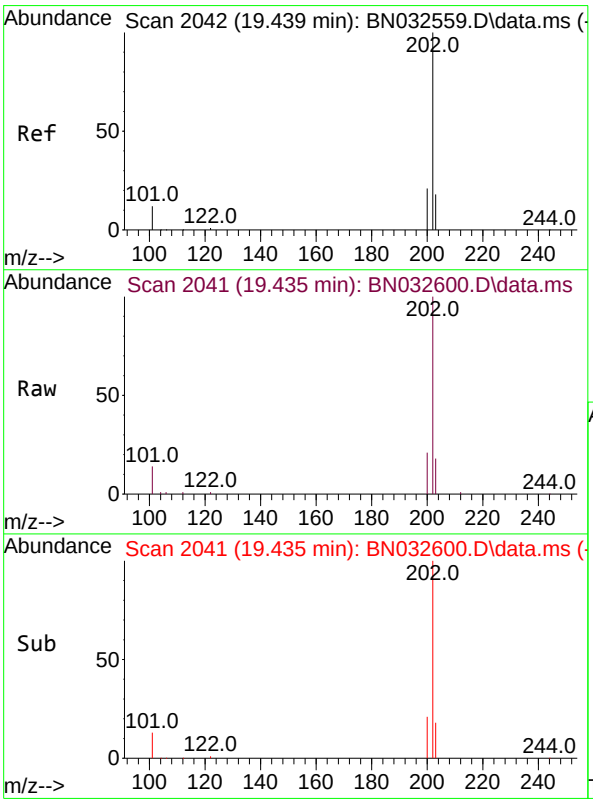
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:240 Resp: 22175

Ion	Ratio	Lower	Upper
240	100		
120	16.5	13.0	19.4
236	28.4	23.1	34.7

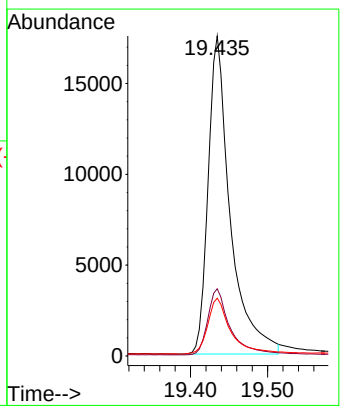


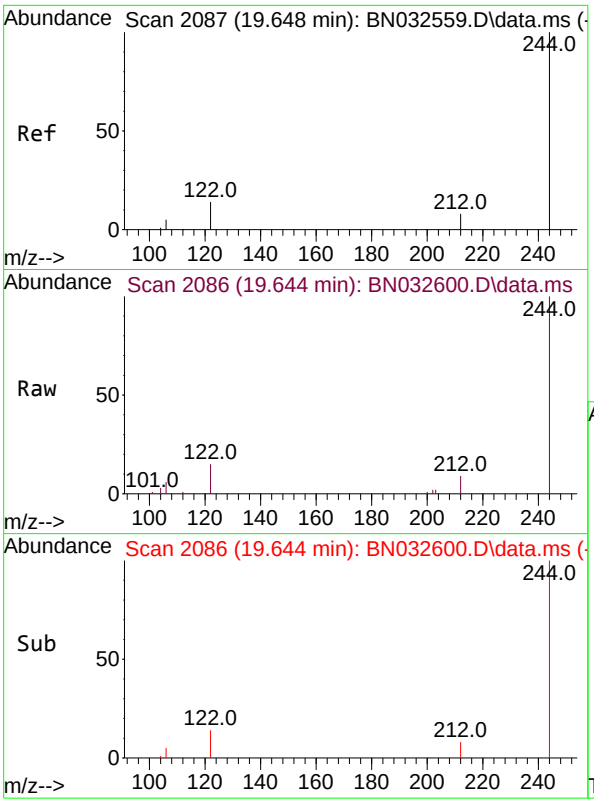


#30
Pyrene
Concen: 0.386 ng
RT: 19.435 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:202 Resp: 34857

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



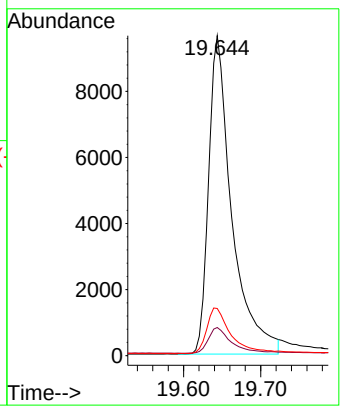


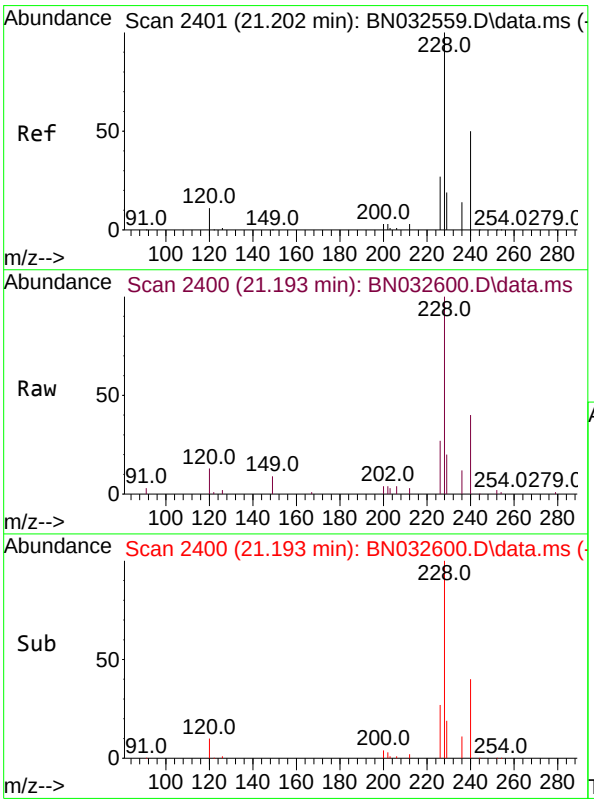
#31
Terphenyl-d14
Concen: 0.372 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:244 Resp: 20169

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	14.8	12.1	18.1

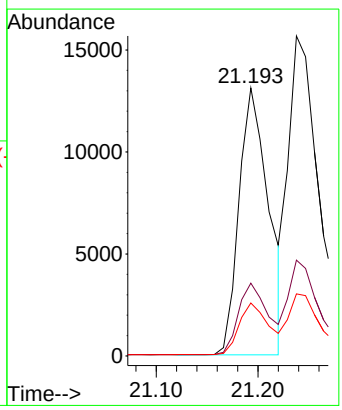


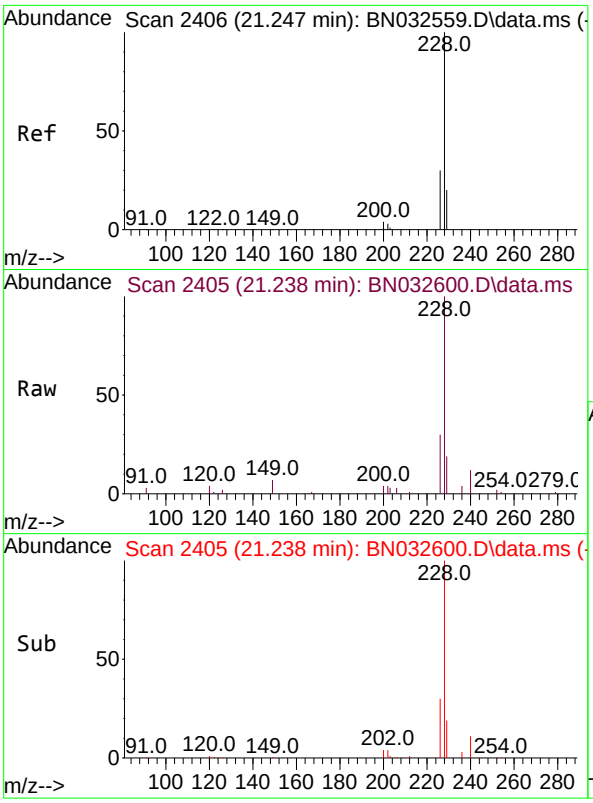


#32
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.193 min Scan# 2400
Delta R.T. -0.009 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:228 Resp: 26406

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.8	16.0	24.0



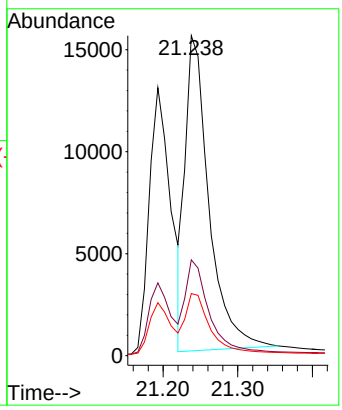


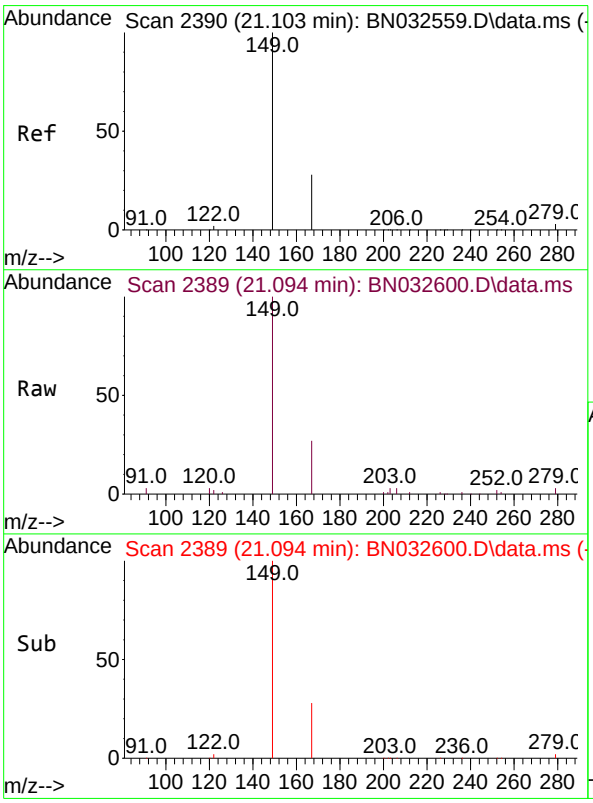
#33
Chrysene
Concen: 0.392 ng
RT: 21.238 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:228 Resp: 34128

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.4	16.1	24.1

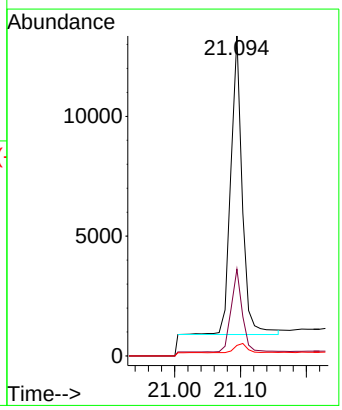


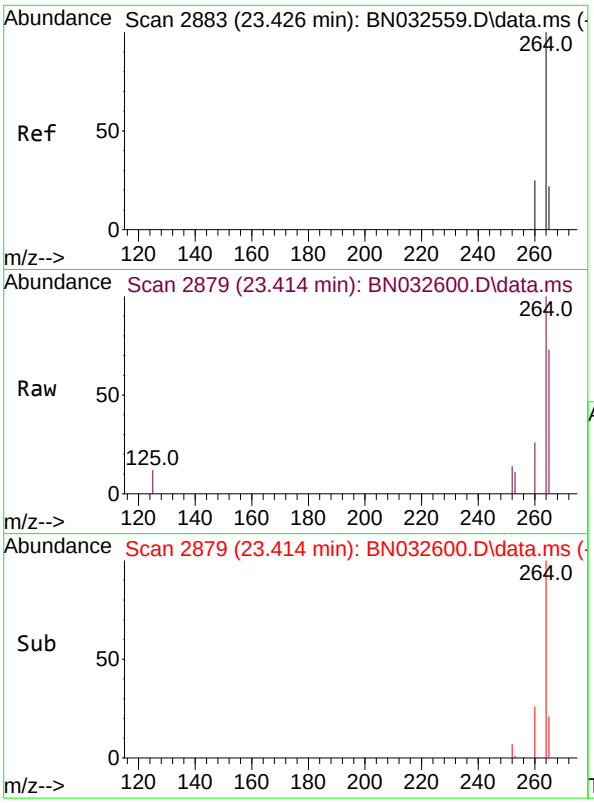


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.302 ng
RT: 21.094 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:149 Resp: 15052

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.6	32.4
279	3.3	3.0	4.6



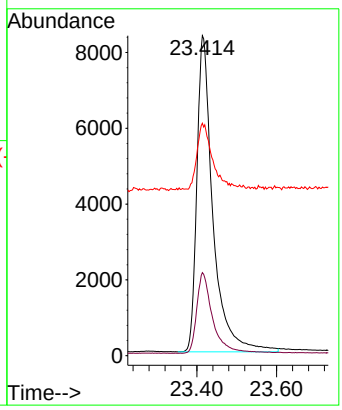


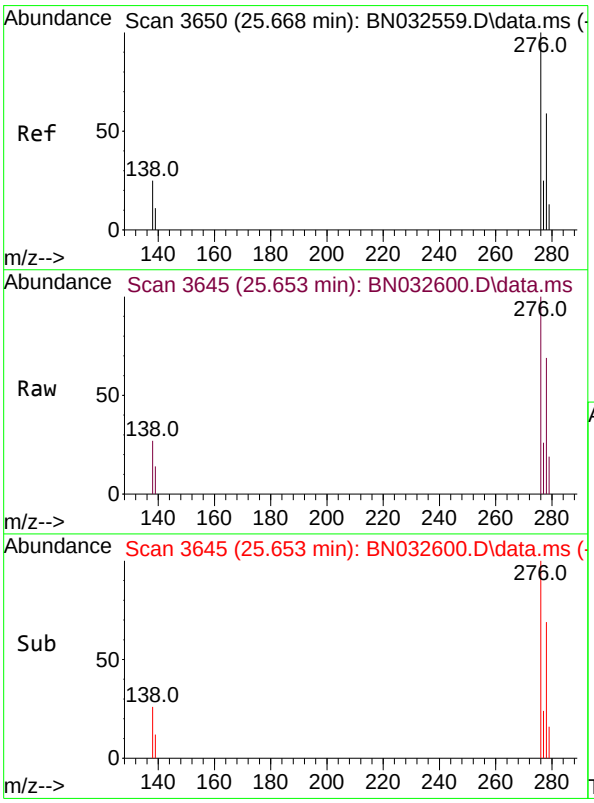
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.414 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:264 Resp: 23300

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.0	31.6
265	72.6	76.6	115.0#

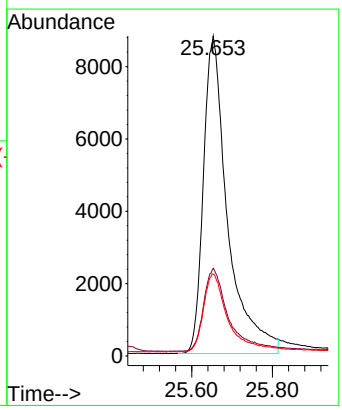


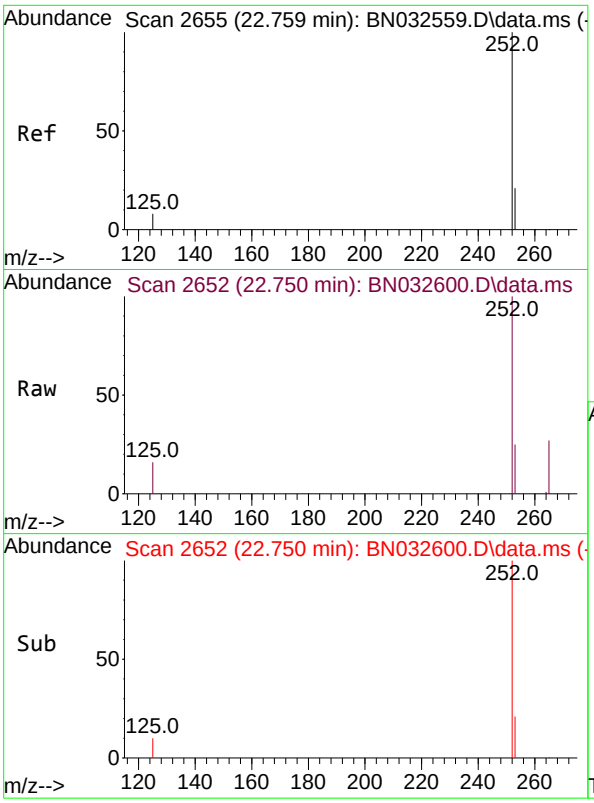


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 25.653 min Scan# 3645
Delta R.T. -0.015 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:276 Resp: 36628

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.4	32.0
277	24.9	19.9	29.9



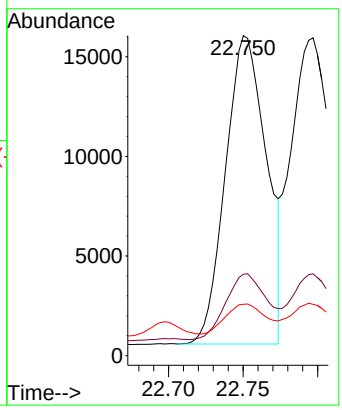


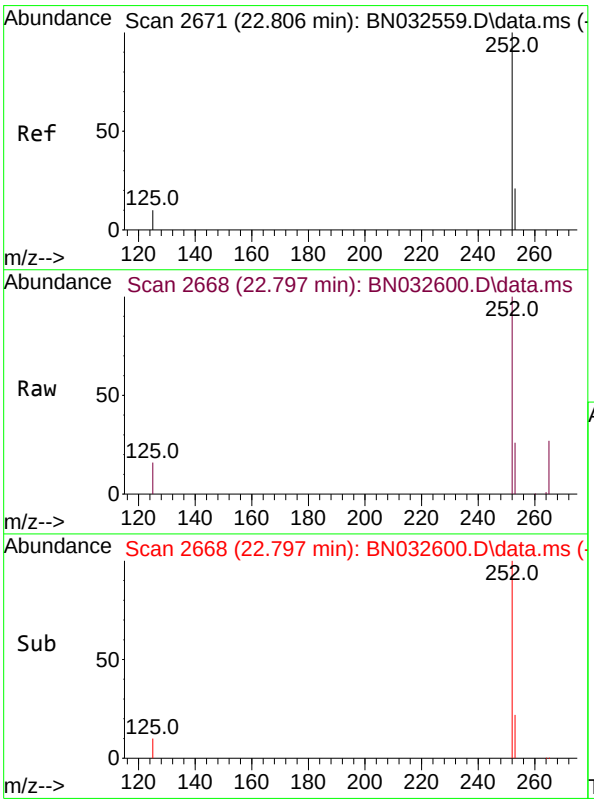
#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.750 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:252 Resp: 29530

Ion	Ratio	Lower	Upper
252	100		
253	25.5	22.2	33.4
125	16.1	15.4	23.0

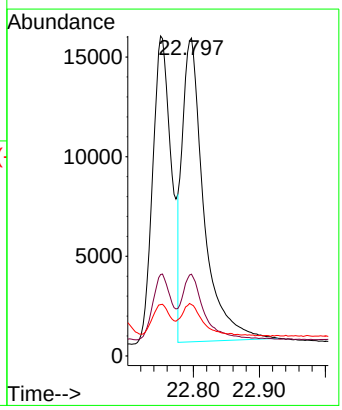


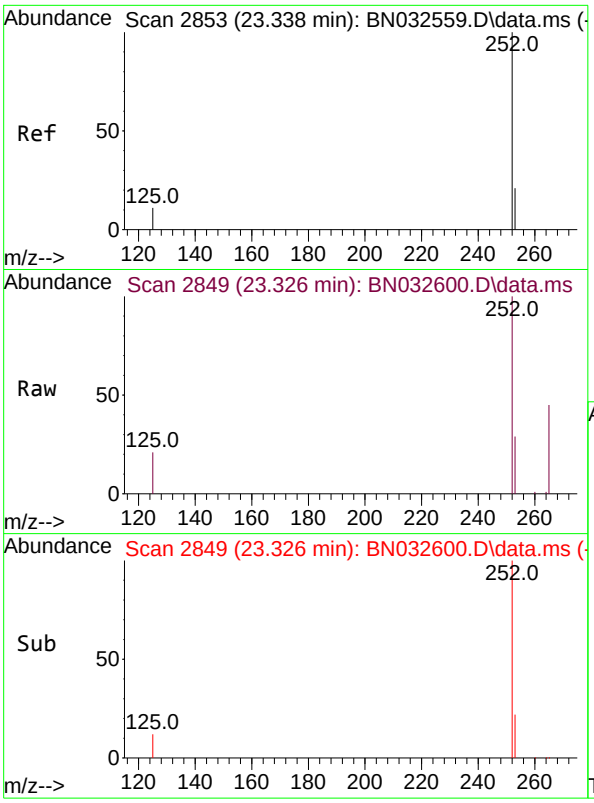


#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.797 min Scan# 2668
Delta R.T. -0.009 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:252 Resp: 34597

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.9	32.9
125	16.1	15.3	22.9



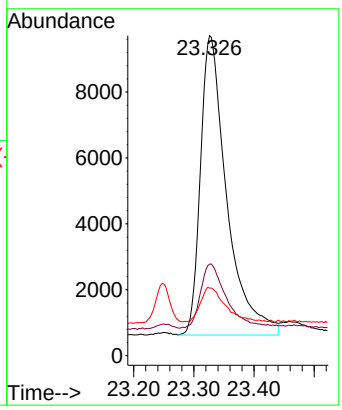


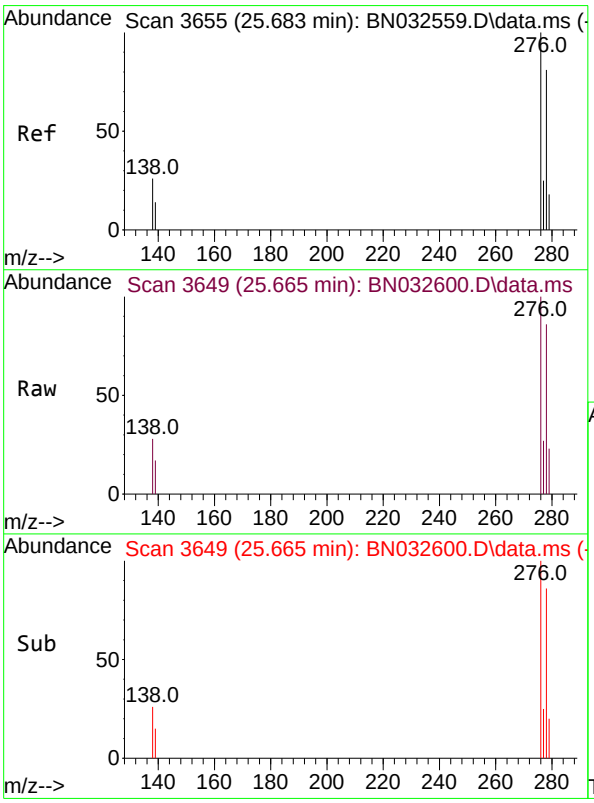
#39
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.326 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:252 Resp: 27597

Ion	Ratio	Lower	Upper
252	100		
253	28.6	25.5	38.3
125	21.1	20.7	31.1

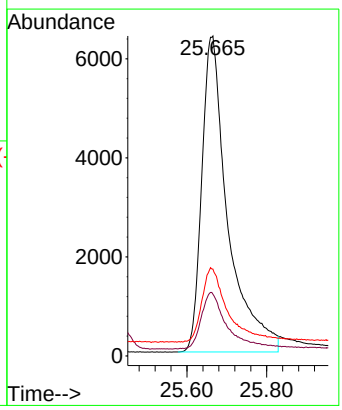


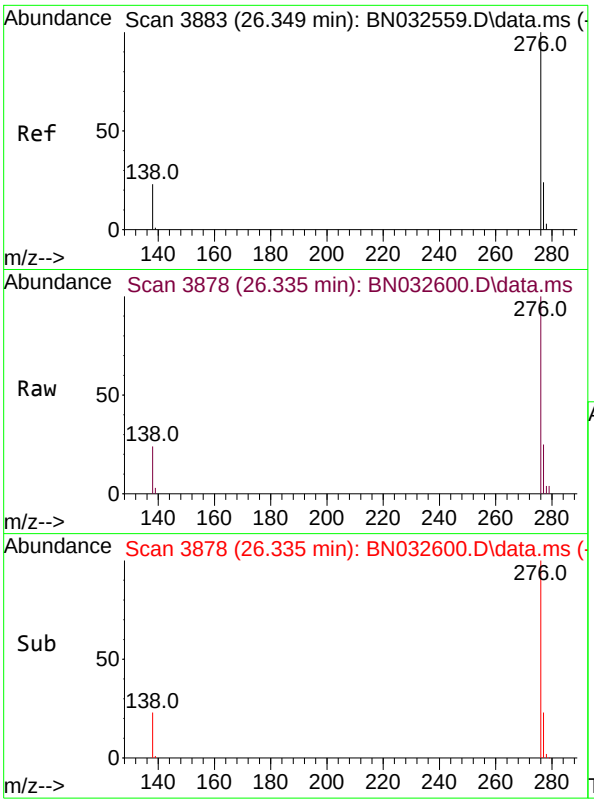


#40
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.665 min Scan# 3649
Delta R.T. -0.018 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Tgt Ion:278 Resp: 28971

Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.8	26.6
279	27.1	24.4	36.6





#41
Benzo(g,h,i)perylene
Concen: 0.427 ng
RT: 26.335 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN032600.D
Acq: 09 Jul 2024 23:12

Instrument :
BNA_N
ClientSampleId :
PB161970BS

Tgt Ion:276 Resp: 32825

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.5	32.3
138	24.2	21.4	32.0