Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033039.D
Acq On : 27 Jul 2024 19:03
Operator : MA/JU
Sample : PB162294BSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Quant Time: Jul 29 01:07:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

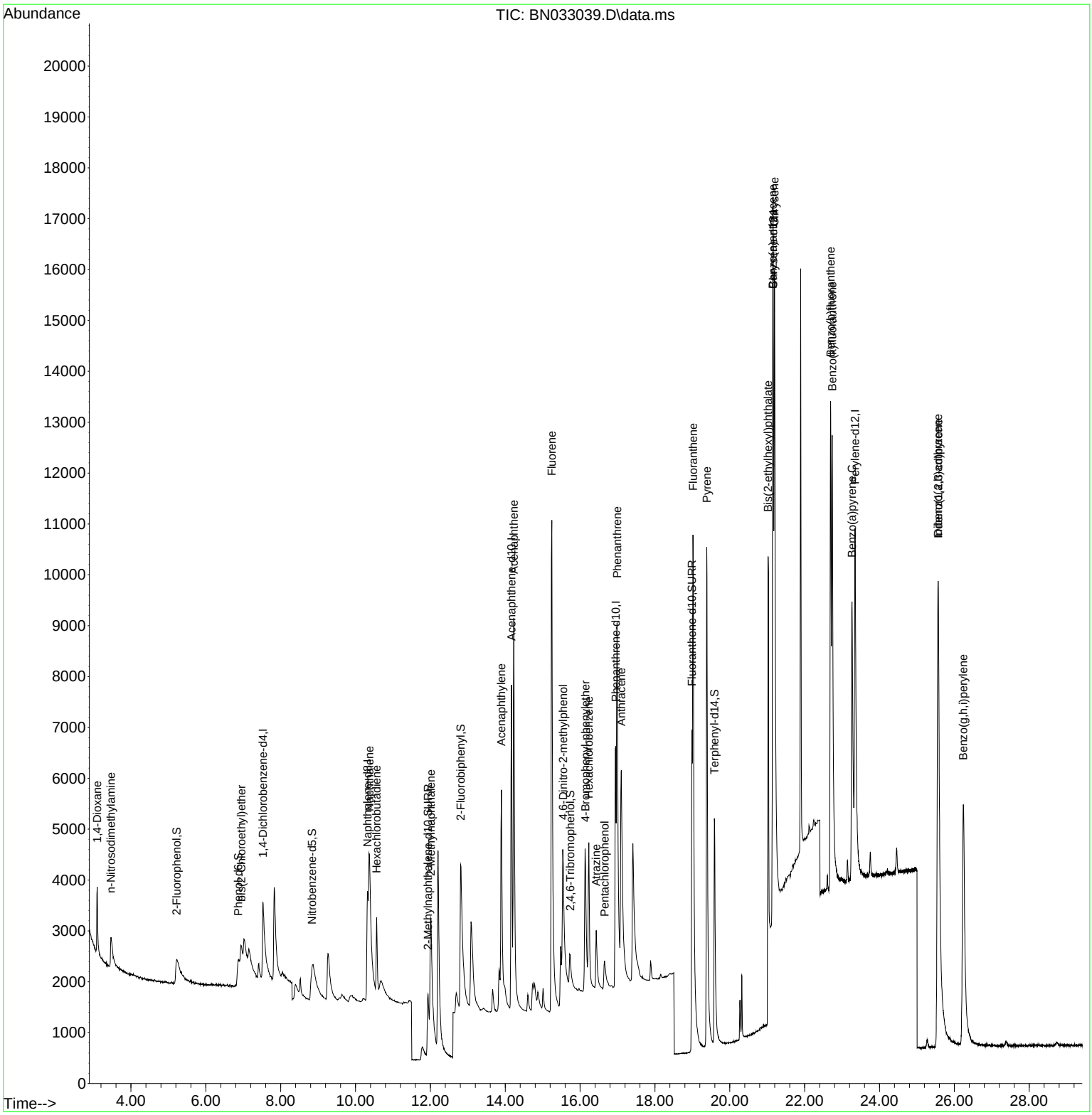
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	2061	0.400	ng	# 0.00
7) Naphthalene-d8	10.319	136	7653	0.400	ng	# 0.02
13) Acenaphthene-d10	14.165	164	5392	0.400	ng	-0.01
19) Phenanthrene-d10	16.952	188	11728	0.400	ng	0.00
29) Chrysene-d12	21.158	240	11364	0.400	ng	0.00
35) Perylene-d12	23.347	264	12586	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1729	0.332	ng	0.04
5) Phenol-d6	6.867	99	2269	0.351	ng	0.09
8) Nitrobenzene-d5	8.835	82	1815	0.315	ng	0.10
11) 2-Methylnaphthalene-d10	11.935	152	4724	0.403	ng	0.02
14) 2,4,6-Tribromophenol	15.735	330	775	0.336	ng	0.01
15) 2-Fluorobiphenyl	12.807	172	6899	0.344	ng	0.00
27) Fluoranthene-d10	18.990	212	12084	0.398	ng	0.00
31) Terphenyl-d14	19.589	244	8494	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1123	0.440	ng	# 90
3) n-Nitrosodimethylamine	3.465	42	786	0.364	ng	# 97
6) bis(2-Chloroethyl)ether	6.947	93	1459	0.270	ng	# 32
9) Naphthalene	10.372	128	8005	0.378	ng	96
10) Hexachlorobutadiene	10.564	225	1648	0.407	ng	# 99
12) 2-Methylnaphthalene	12.014	142	4921	0.355	ng	98
16) Acenaphthylene	13.898	152	7995	0.364	ng	99
17) Acenaphthene	14.229	154	5718	0.368	ng	99
18) Fluorene	15.245	166	7671	0.369	ng	99
20) 4,6-Dinitro-2-methylph...	15.549	198	116	0.339	ng	# 1
21) 4-Bromophenyl-phenylether	16.145	248	2280	0.331	ng	94
22) Hexachlorobenzene	16.232	284	2844	0.369	ng	97
23) Atrazine	16.430	200	1854	0.365	ng	95
24) Pentachlorophenol	16.654	266	740	0.258	ng	98
25) Phenanthrene	16.989	178	11119	0.347	ng	100
26) Anthracene	17.101	178	7747	0.294	ng	99
28) Fluoranthene	19.017	202	14309	0.369	ng	99
30) Pyrene	19.384	202	15046	0.324	ng	100
32) Benzo(a)anthracene	21.149	228	11822	0.329	ng	99
33) Chrysene	21.194	228	15644	0.366	ng	100
34) Bis(2-ethylhexyl)phtha...	21.024	149	11792	0.593	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.569	276	16307	0.329	ng	100
37) Benzo(b)fluoranthene	22.693	252	13127	0.299	ng	98
38) Benzo(k)fluoranthene	22.736	252	16855	0.336	ng	98
39) Benzo(a)pyrene	23.266	252	12968	0.328	ng	97
40) Dibenzo(a,h)anthracene	25.566	278	13051	0.333	ng	99
41) Benzo(g,h,i)perylene	26.239	276	14527	0.335	ng	97

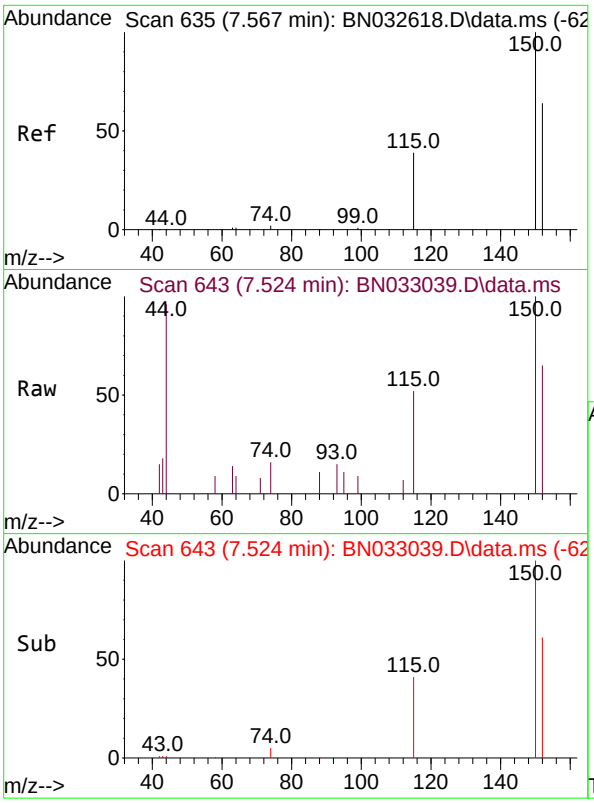
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033039.D
Acq On : 27 Jul 2024 19:03
Operator : MA/JU
Sample : PB162294BSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Quant Time: Jul 29 01:07:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration



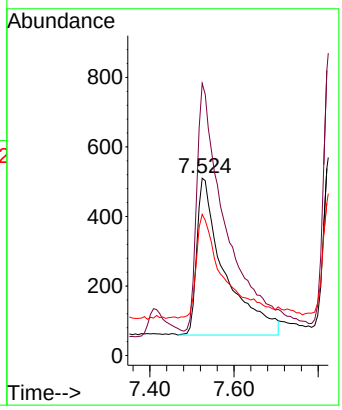


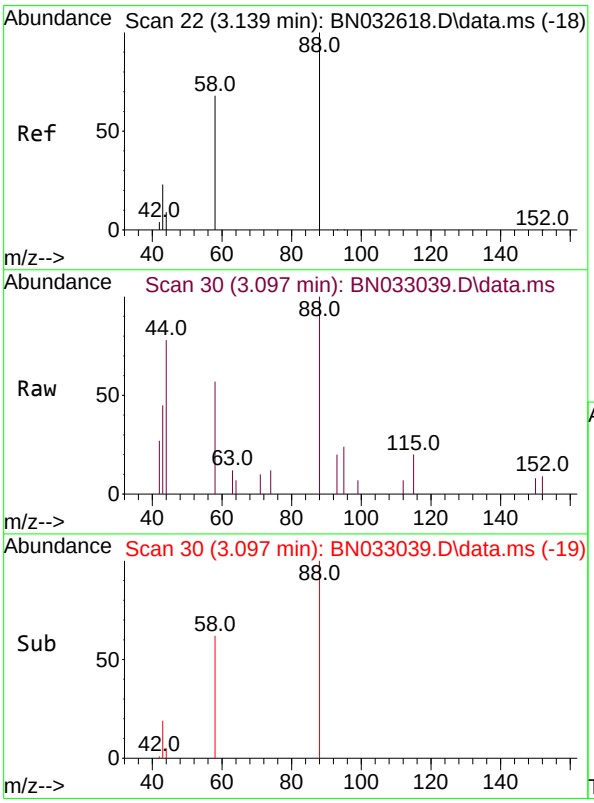
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.524 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:152 Resp: 2061

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.8	185.6
115	79.6	52.8	79.2#

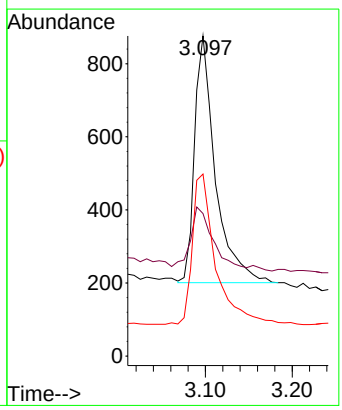


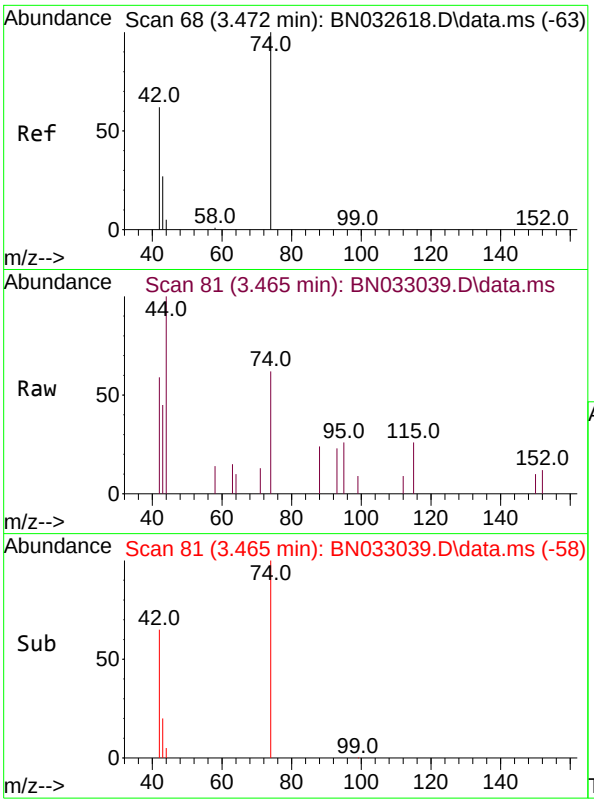


#2
1,4-Dioxane
Concen: 0.440 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.021 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion: 88 Resp: 1123

Ion	Ratio	Lower	Upper
88	100		
43	30.1	18.4	27.6#
58	67.9	49.2	73.8



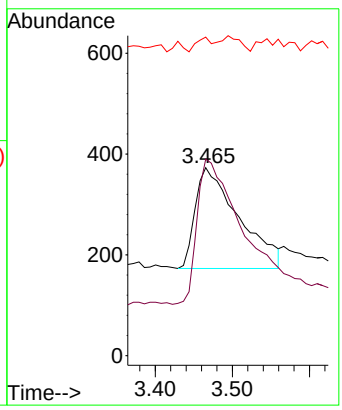


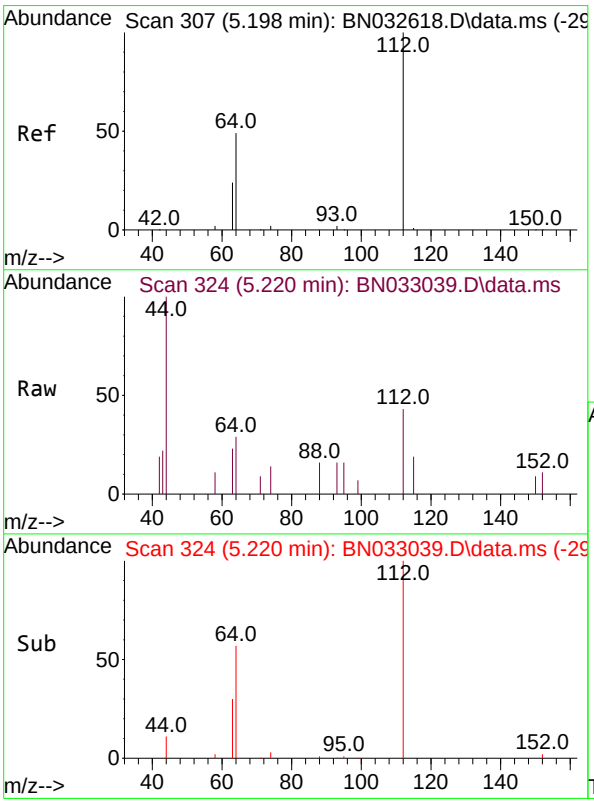
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.465 min Scan# 8
Delta R.T. 0.016 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion: 42 Resp: 786

Ion	Ratio	Lower	Upper
42	100		
74	154.3	126.9	190.3
44	4.6	4.8	7.2#

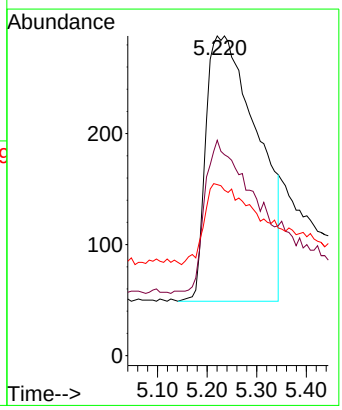


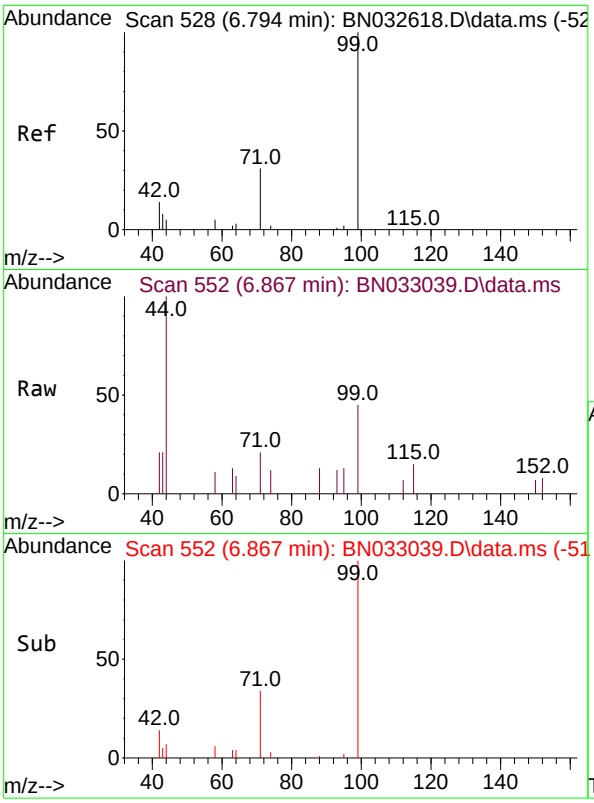


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.220 min Scan# 324
Delta R.T. 0.044 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:112 Resp: 1729

Ion	Ratio	Lower	Upper
112	100		
64	54.3	40.2	60.4
63	30.6	22.2	33.4



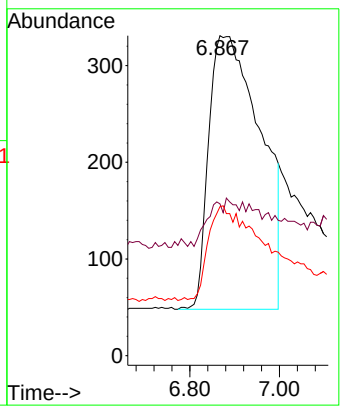


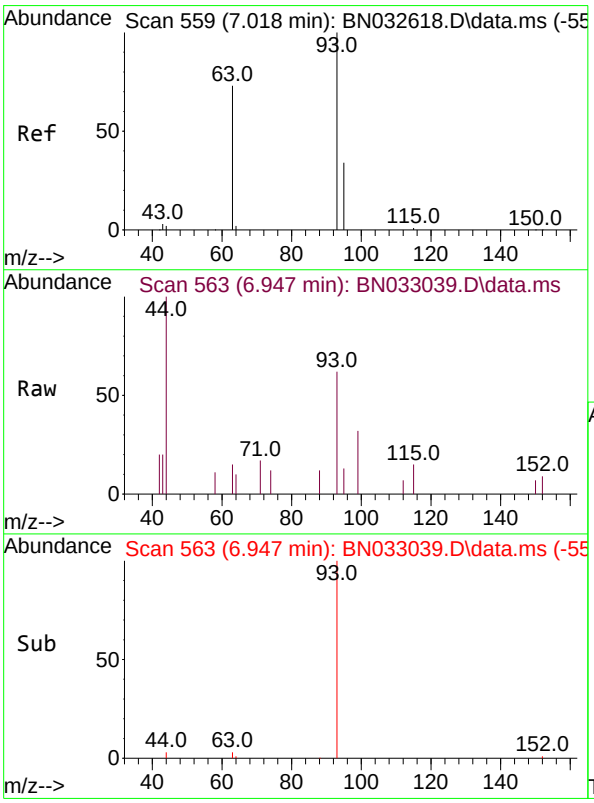
#5
Phenol-d6
Concen: 0.351 ng
RT: 6.867 min Scan# 5
Delta R.T. 0.088 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion: 99 Resp: 2269

Ion	Ratio	Lower	Upper
99	100		
42	5.3	10.5	15.7#
71	33.0	22.3	33.5

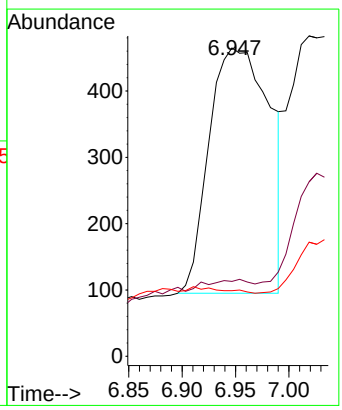


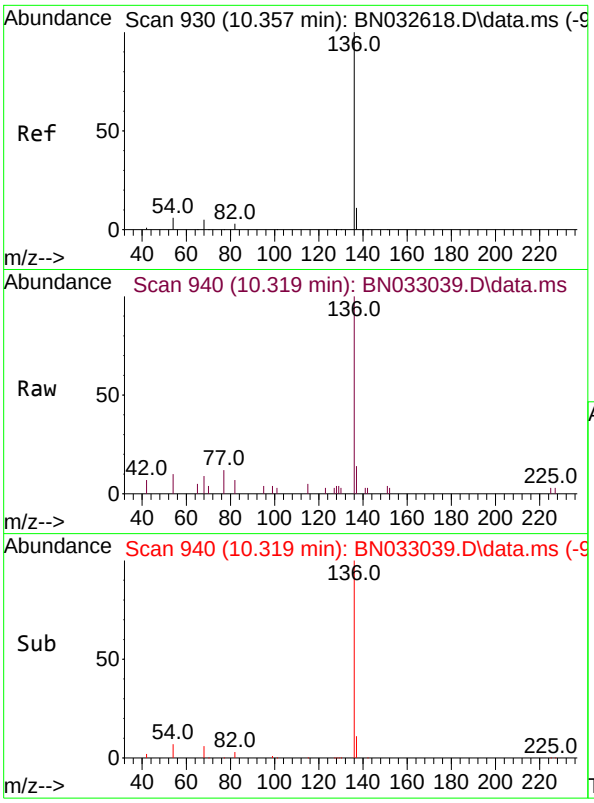


#6
bis(2-Chloroethyl)ether
Concen: 0.270 ng
RT: 6.947 min Scan# 563
Delta R.T. -0.042 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion: 93 Resp: 1459

Ion	Ratio	Lower	Upper
93	100		
63	3.4	46.4	69.6#
95	0.0	25.5	38.3#



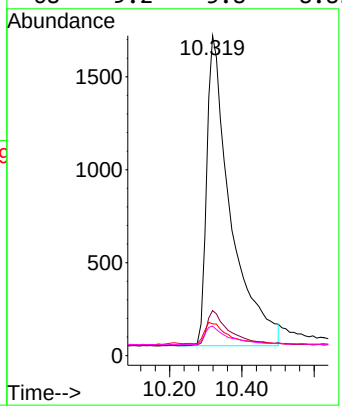


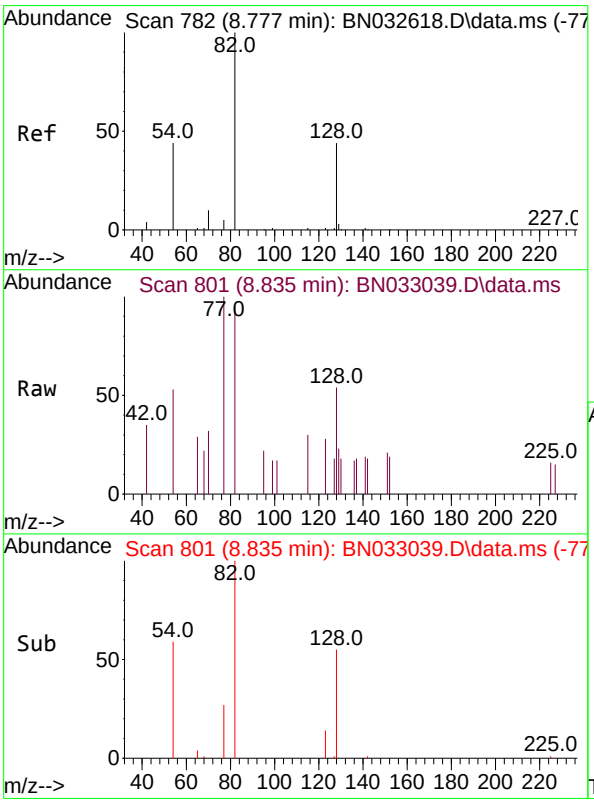
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:136 Resp: 7653

Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.9	14.9
54	9.9	6.5	9.7#
68	9.2	5.8	8.8#

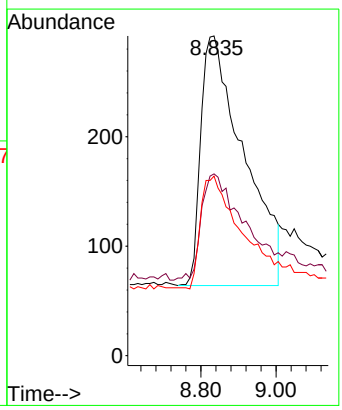


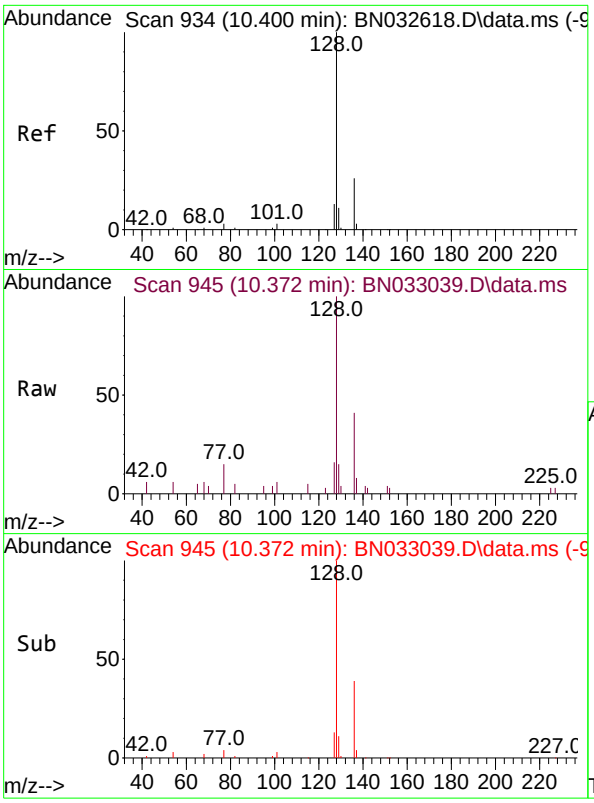


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.835 min Scan# 801
Delta R.T. 0.101 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion: 82 Resp: 1815

Ion	Ratio	Lower	Upper
82	100		
128	56.8	41.7	62.5
54	56.2	39.5	59.3



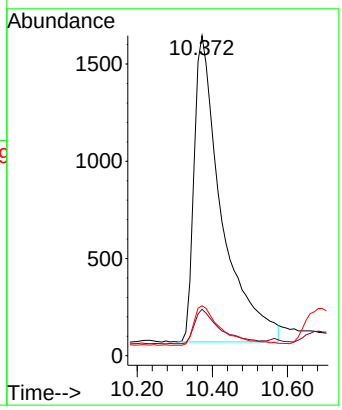


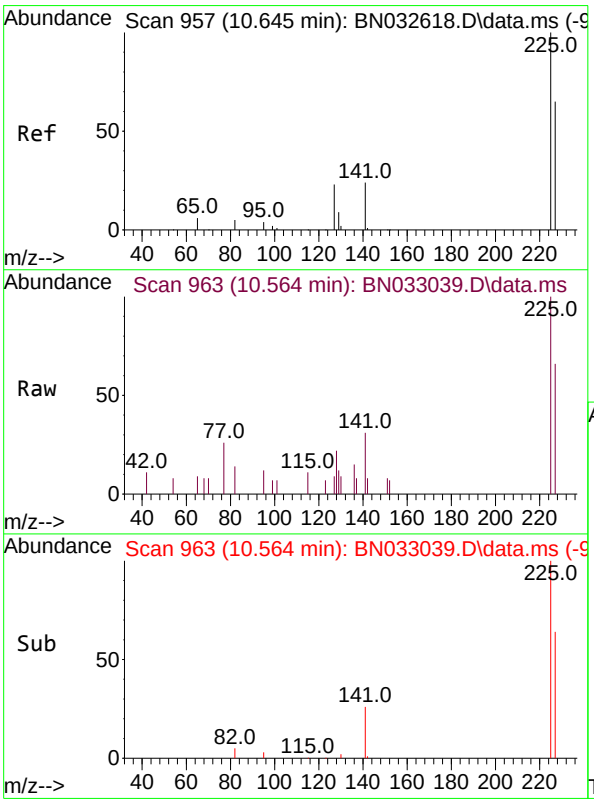
#9
Naphthalene
Concen: 0.378 ng
RT: 10.372 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:128 Resp: 8005

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.8	14.8
127	15.6	11.5	17.3

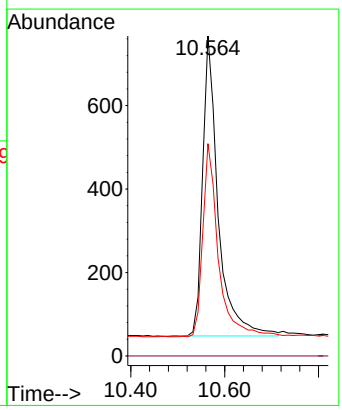


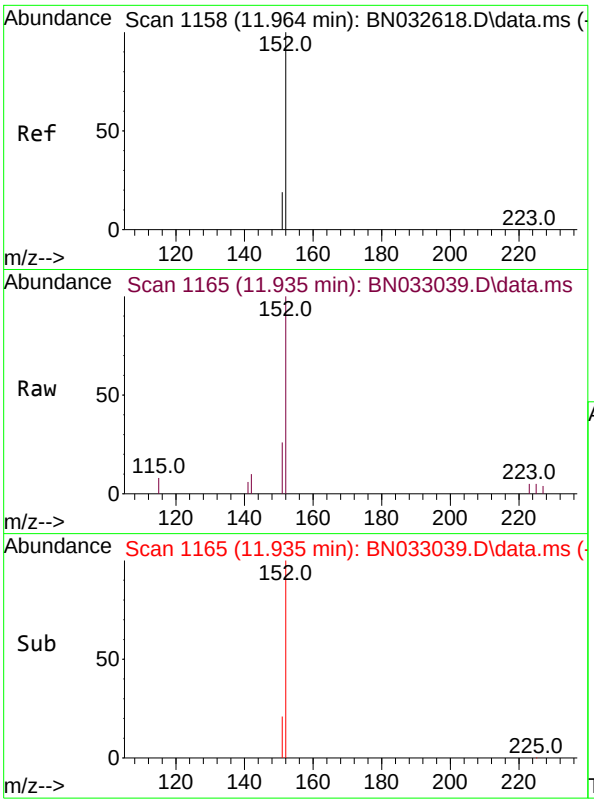


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.564 min Scan# 963
Delta R.T. -0.038 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:225 Resp: 1648

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.3	76.9



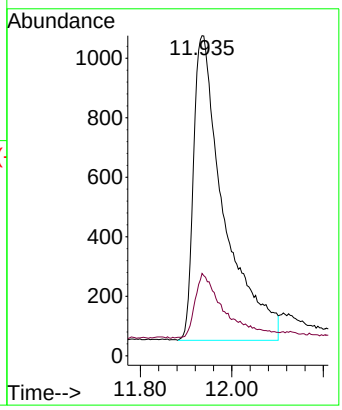


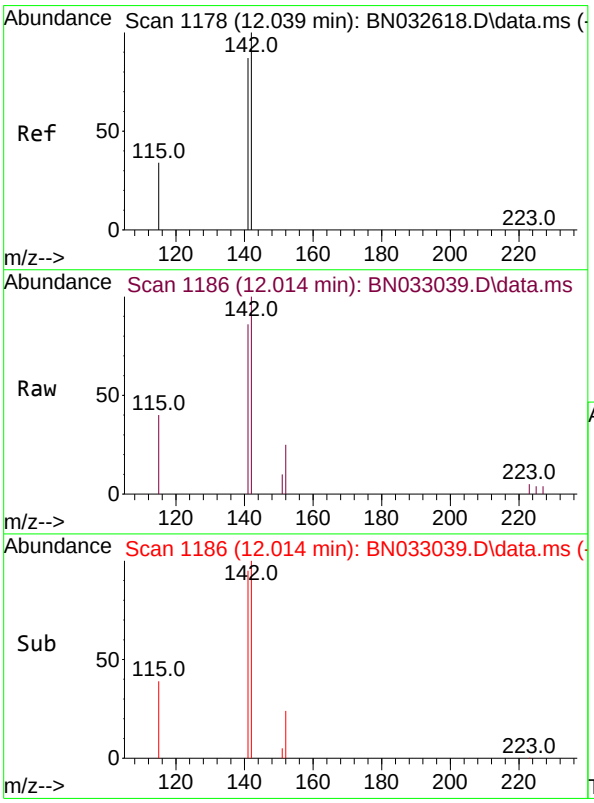
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.935 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:152 Resp: 4724

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2

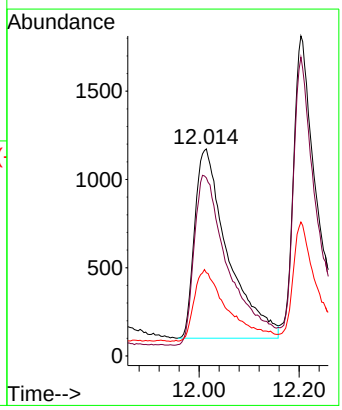


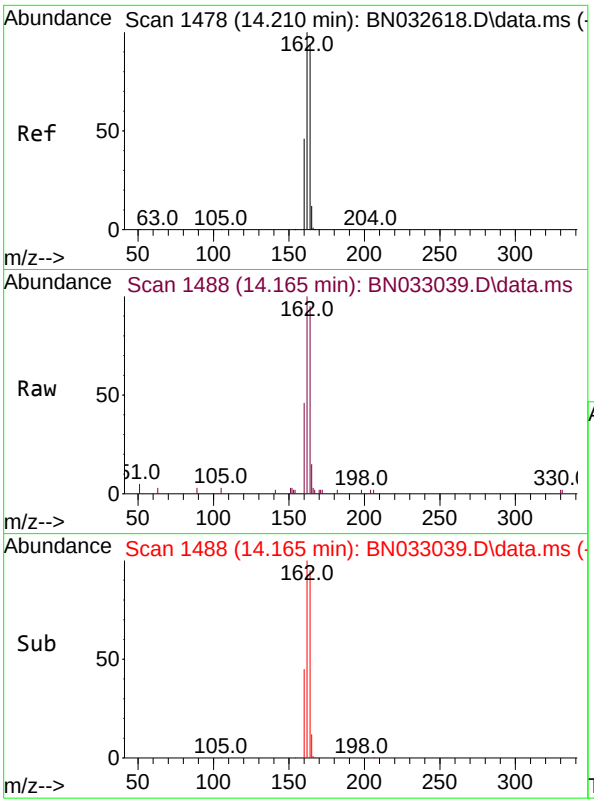


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.014 min Scan# 1186
Delta R.T. 0.024 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:142 Resp: 4921

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.3	103.9
115	40.2	29.5	44.3



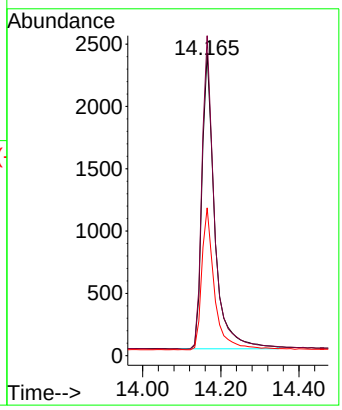


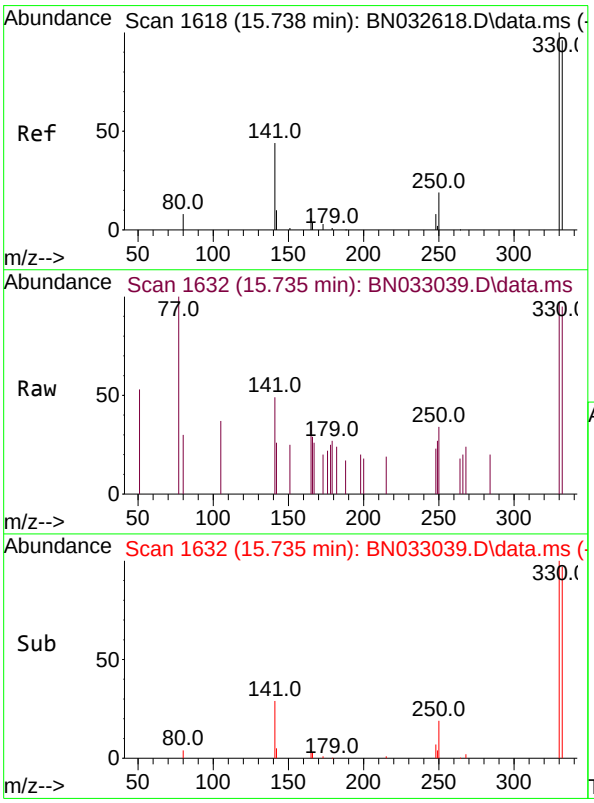
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.165 min Scan# 14
Delta R.T. -0.013 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:164 Resp: 5392

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.0	127.4
160	48.8	39.4	59.2

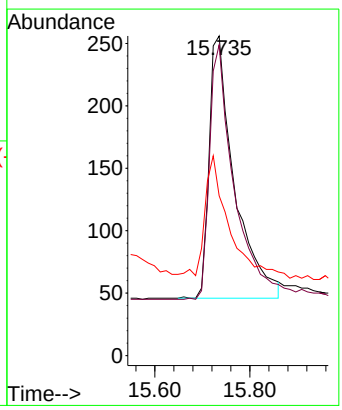


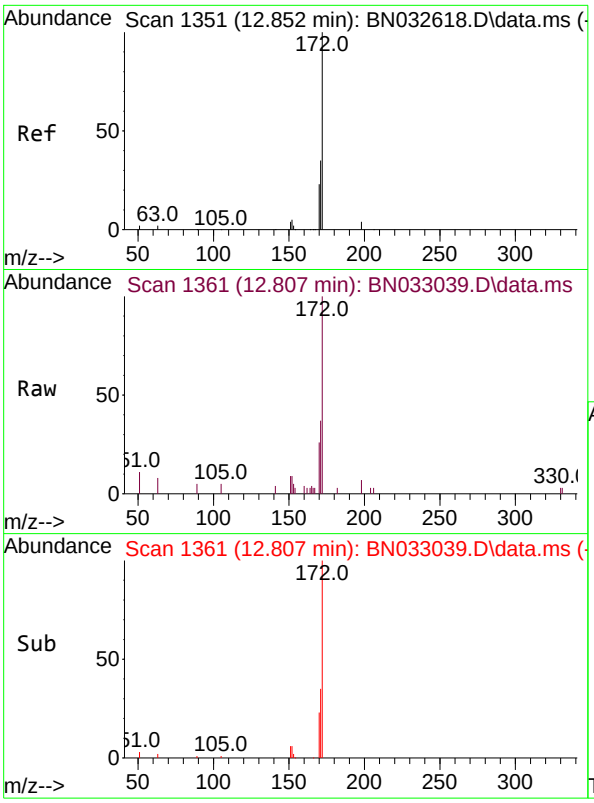


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.735 min Scan# 1632
Delta R.T. 0.010 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:330 Resp: 775

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.8	116.8
141	39.7	34.2	51.2



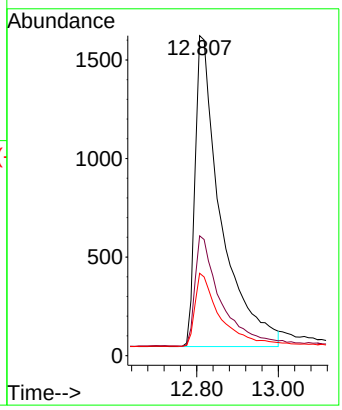


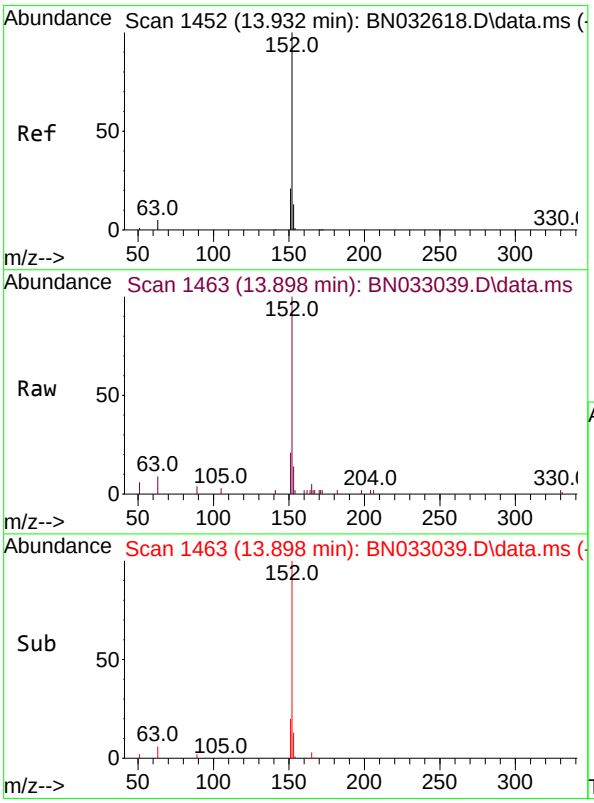
#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:172 Resp: 6899

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	25.8	19.0	28.6

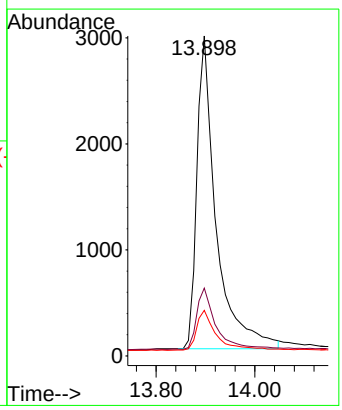


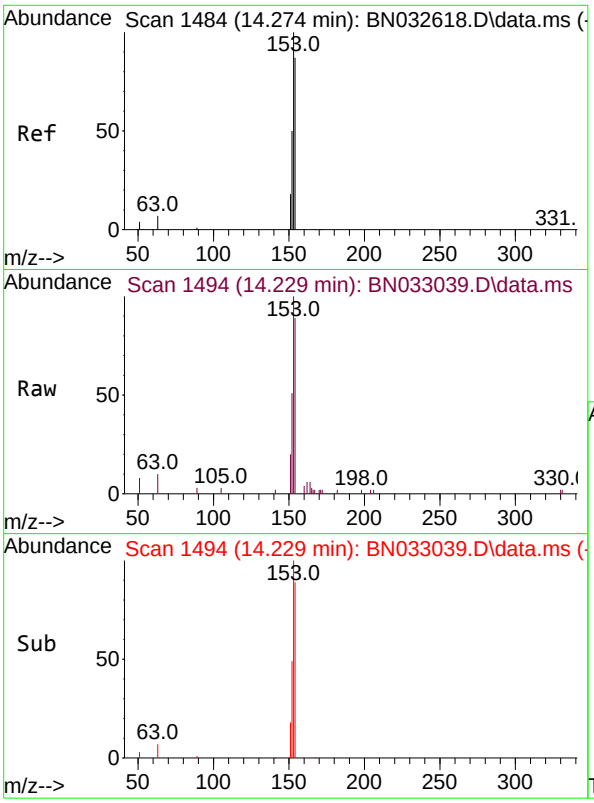


#16
Acenaphthylene
Concen: 0.364 ng
RT: 13.898 min Scan# 1463
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:152 Resp: 7995

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.1	10.6	15.8



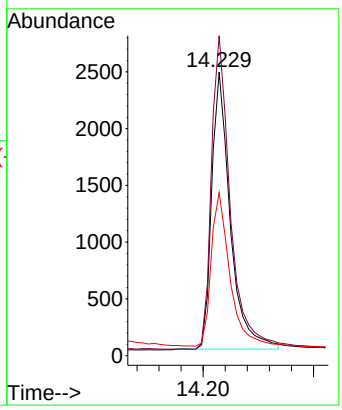


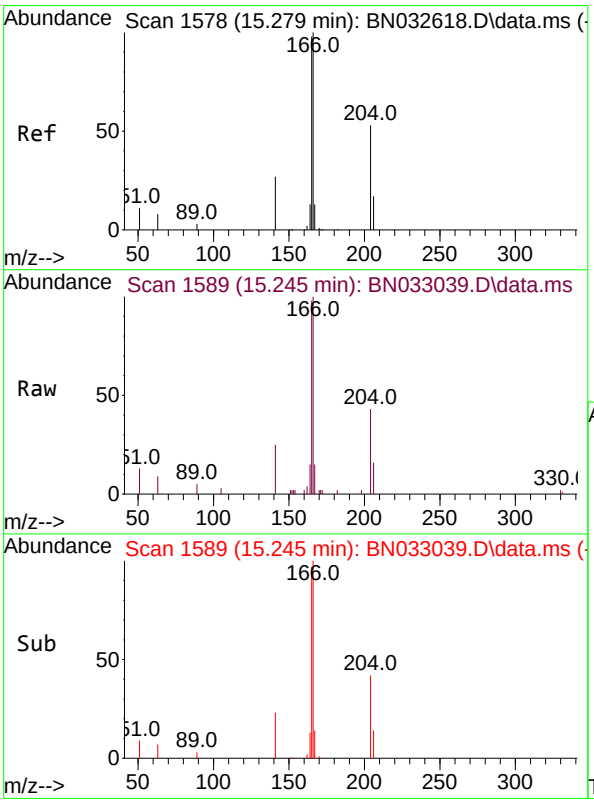
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.229 min Scan# 14
Delta R.T. -0.013 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:154 Resp: 5718

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.8	137.8
152	55.1	45.2	67.8

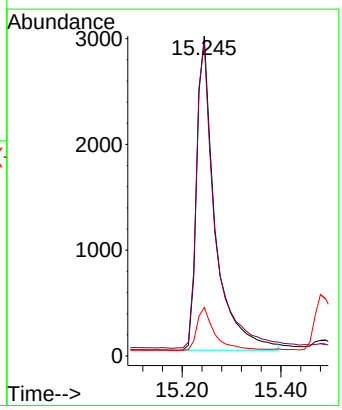


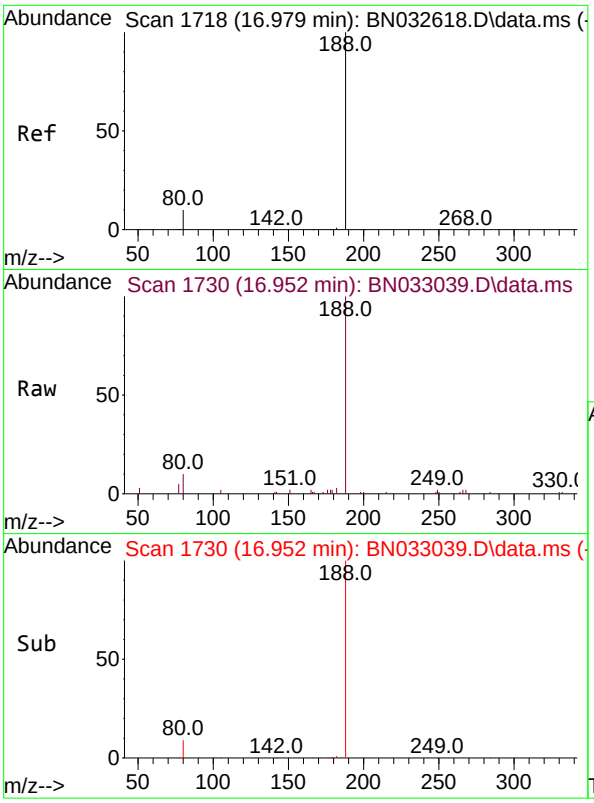


#18
Fluorene
Concen: 0.369 ng
RT: 15.245 min Scan# 1589
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:166 Resp: 7671

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.0	117.0
167	13.2	10.7	16.1



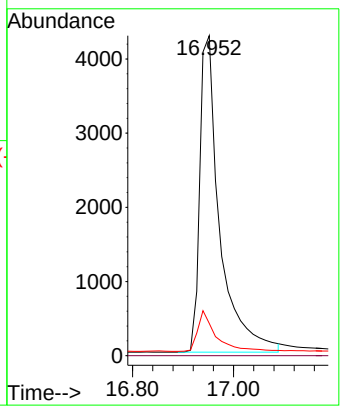


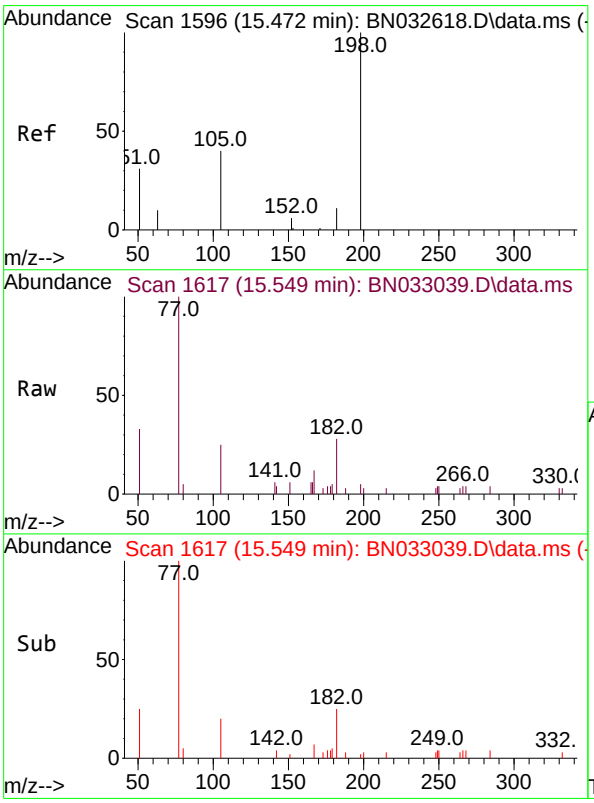
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:188 Resp: 11728

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	8.8	13.2

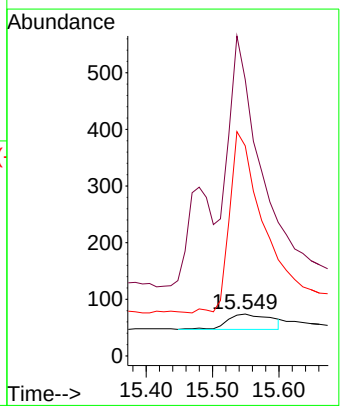


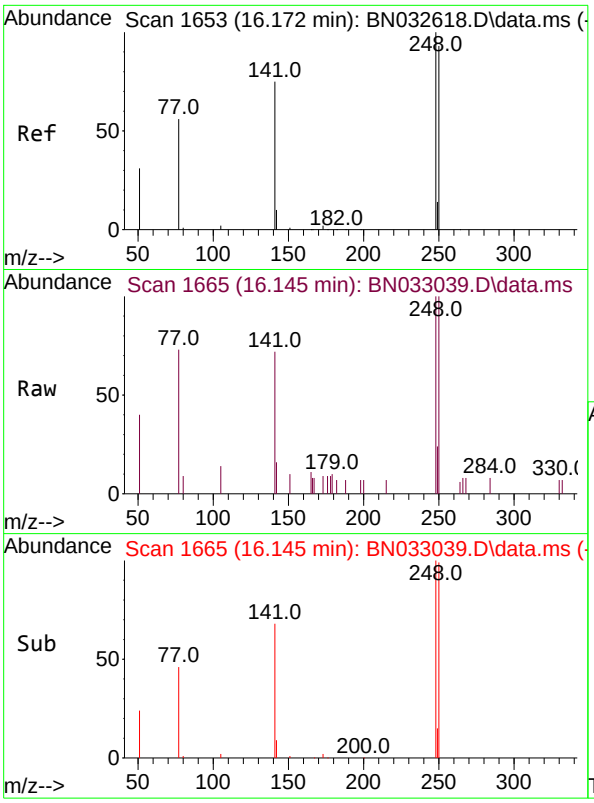


#20
4,6-Dinitro-2-methylphenol
Concen: 0.339 ng
RT: 15.549 min Scan# 1617
Delta R.T. 0.077 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:198 Resp: 116

Ion	Ratio	Lower	Upper
198	100		
51	659.5	105.7	158.5#
105	501.4	63.0	94.6#



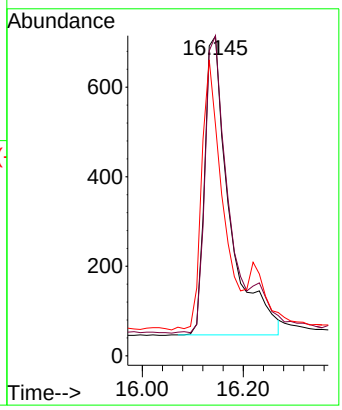


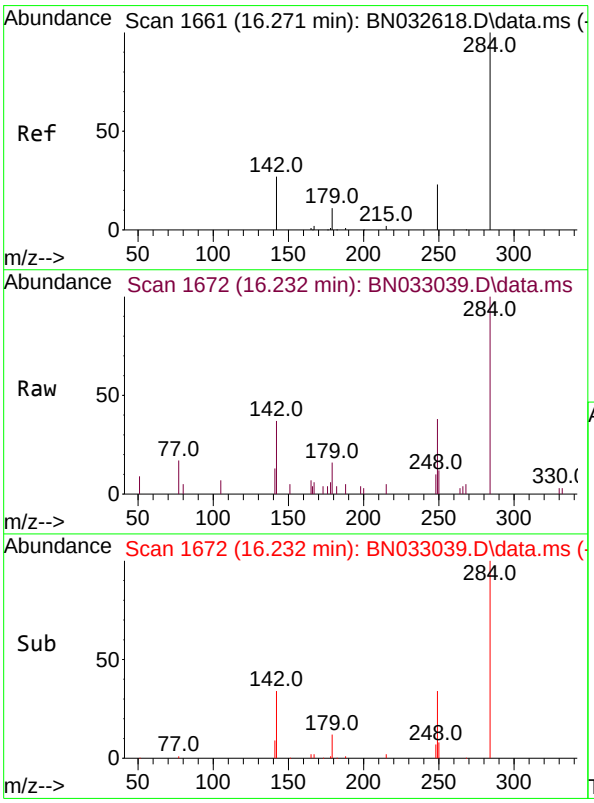
#21
4-Bromophenyl-phenylether
Concen: 0.331 ng
RT: 16.145 min Scan# 1(
Delta R.T. 0.010 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:248 Resp: 2280

Ion	Ratio	Lower	Upper
248	100		
250	100.1	75.1	112.7
141	72.3	62.0	93.0

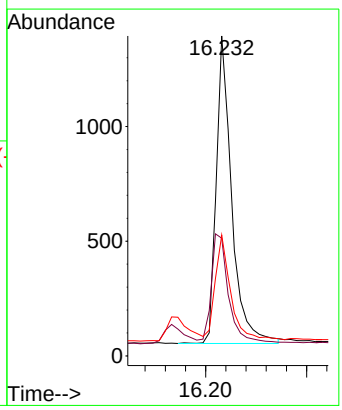


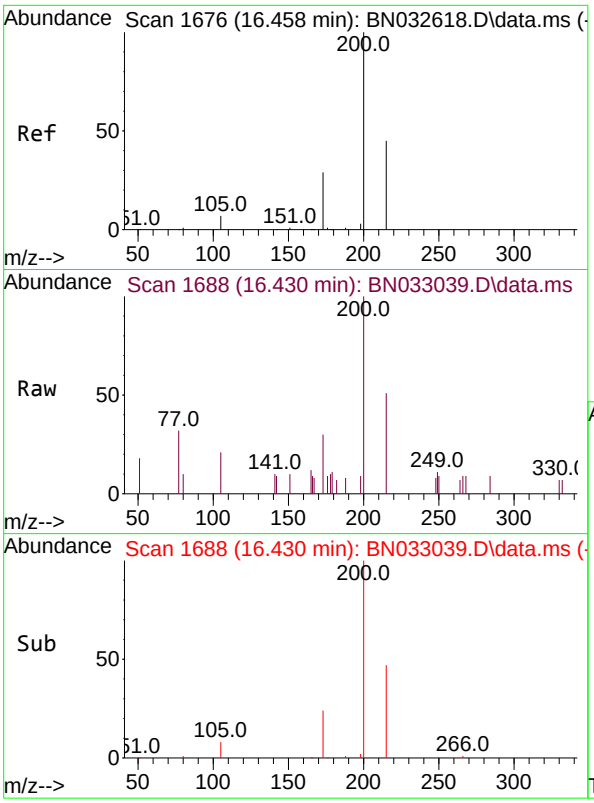


#22
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.232 min Scan# 1672
Delta R.T. -0.015 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:284 Resp: 2844

Ion	Ratio	Lower	Upper
284	100		
142	38.2	29.4	44.0
249	32.3	24.6	36.8



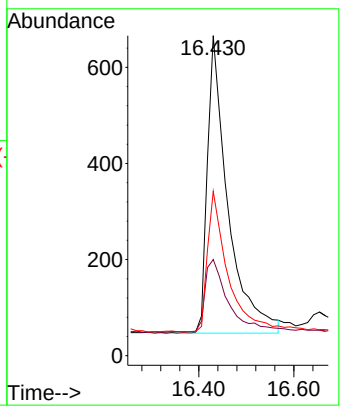


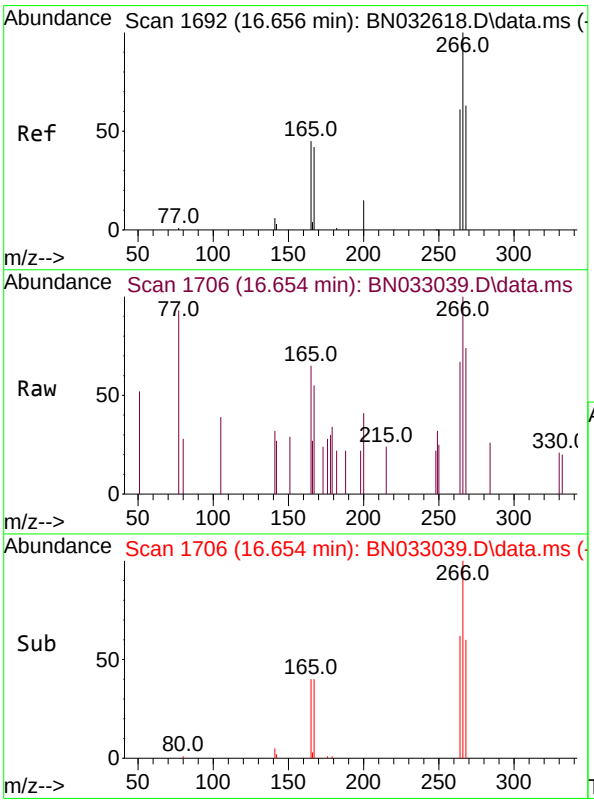
#23
Atrazine
Concen: 0.365 ng
RT: 16.430 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:200 Resp: 1854

Ion	Ratio	Lower	Upper
200	100		
173	30.0	25.4	38.2
215	51.4	38.2	57.2

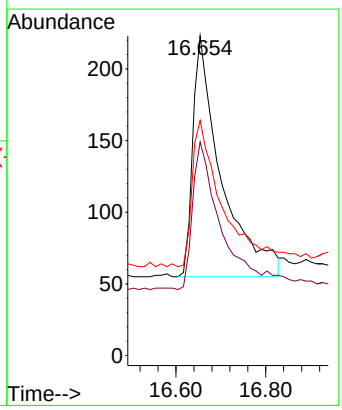


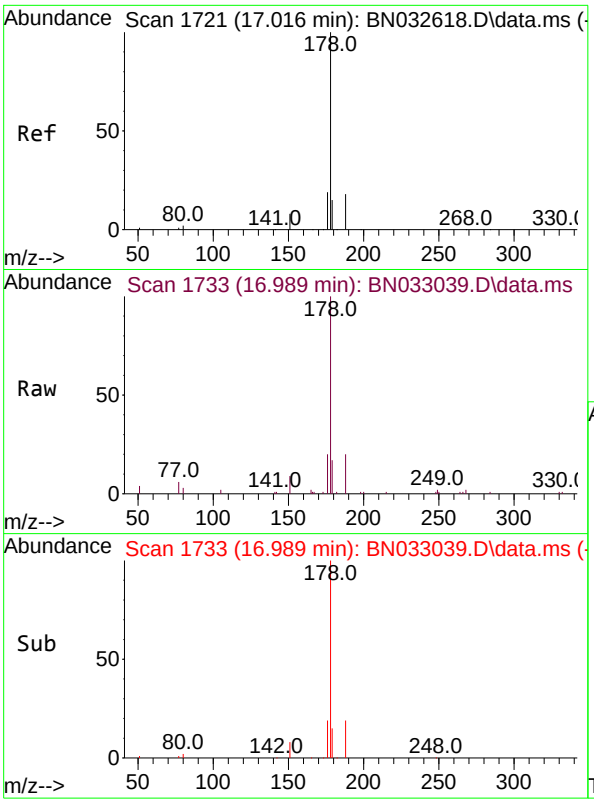


#24
Pentachlorophenol
Concen: 0.258 ng
RT: 16.654 min Scan# 1706
Delta R.T. 0.010 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:266 Resp: 740

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.2	75.2
268	64.6	52.8	79.2



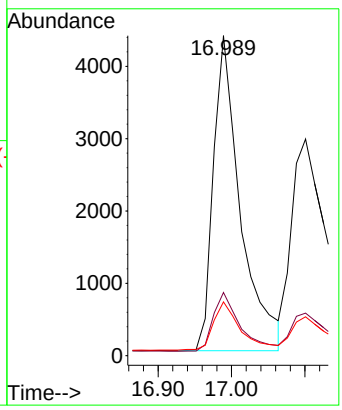


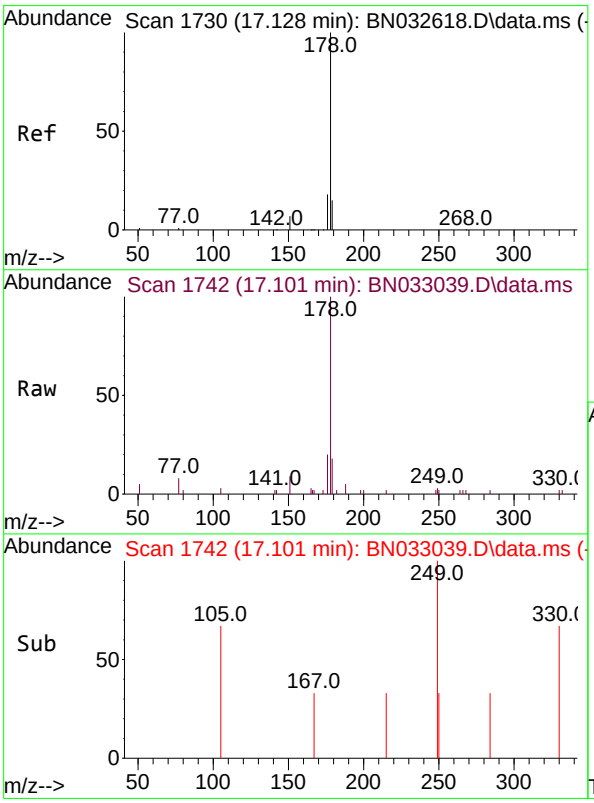
#25
Phenanthrene
Concen: 0.347 ng
RT: 16.989 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:178 Resp: 11119

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.2	18.4

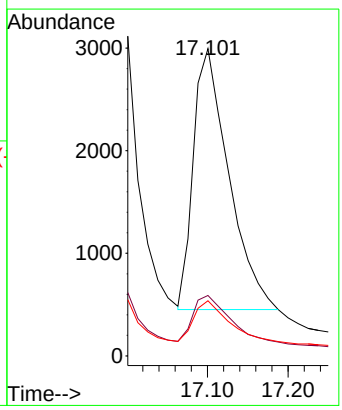


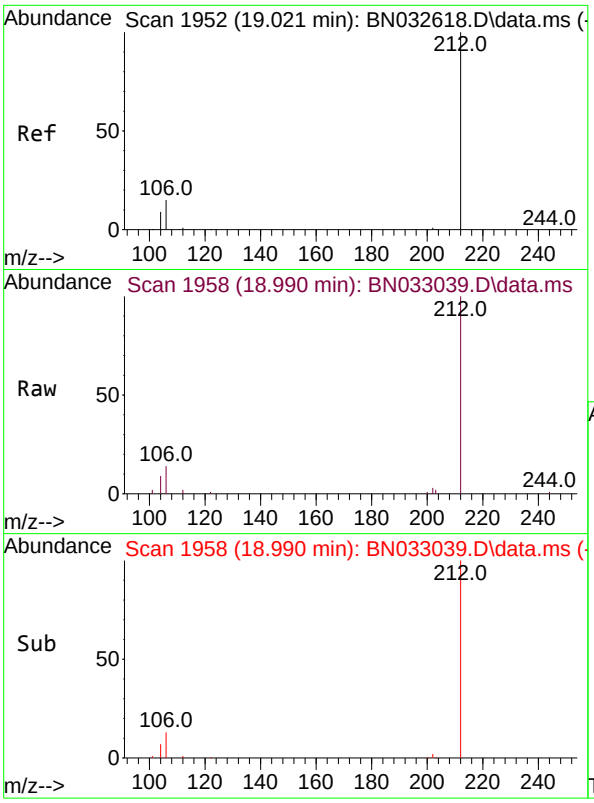


#26
Anthracene
Concen: 0.294 ng
RT: 17.101 min Scan# 1742
Delta R.T. 0.010 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:178 Resp: 7747

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.1	11.8	17.8



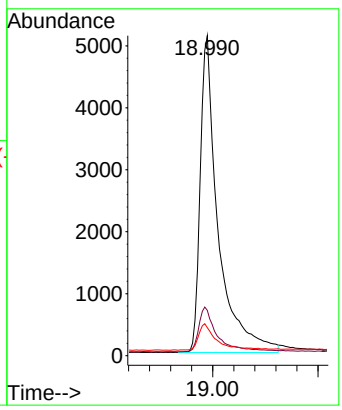


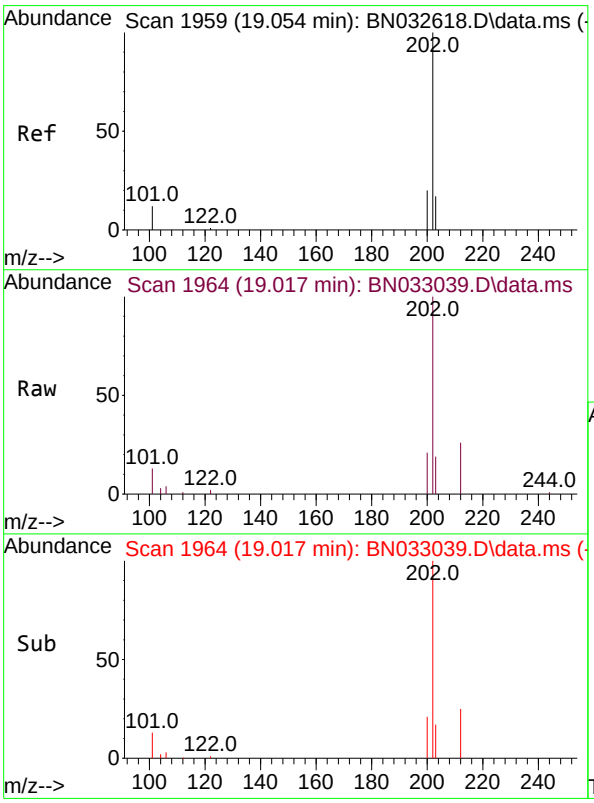
#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.990 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:212 Resp: 12084

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.9	17.9
104	8.4	6.9	10.3

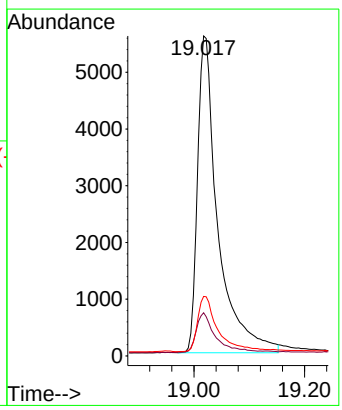


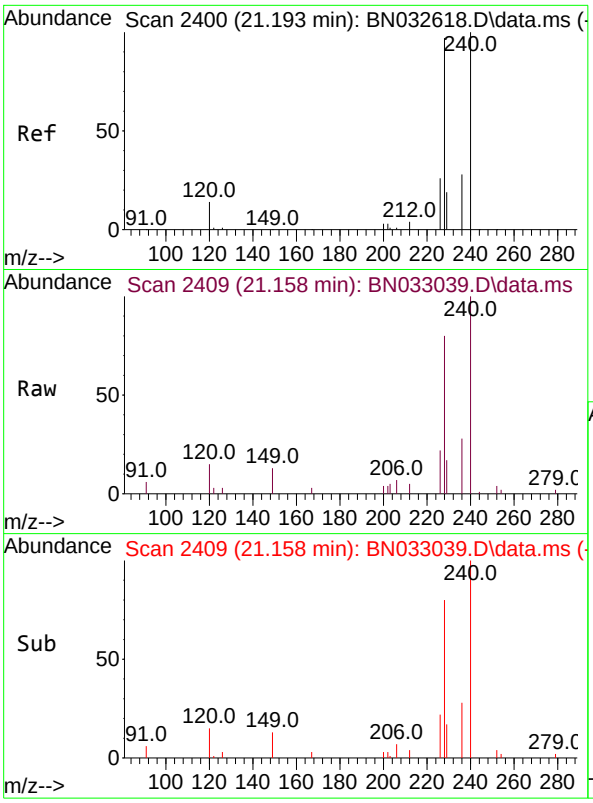


#28
Fluoranthene
Concen: 0.369 ng
RT: 19.017 min Scan# 1964
Delta R.T. -0.004 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:202 Resp: 14309

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.6	13.8	20.6



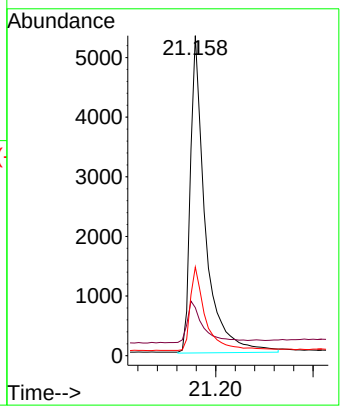


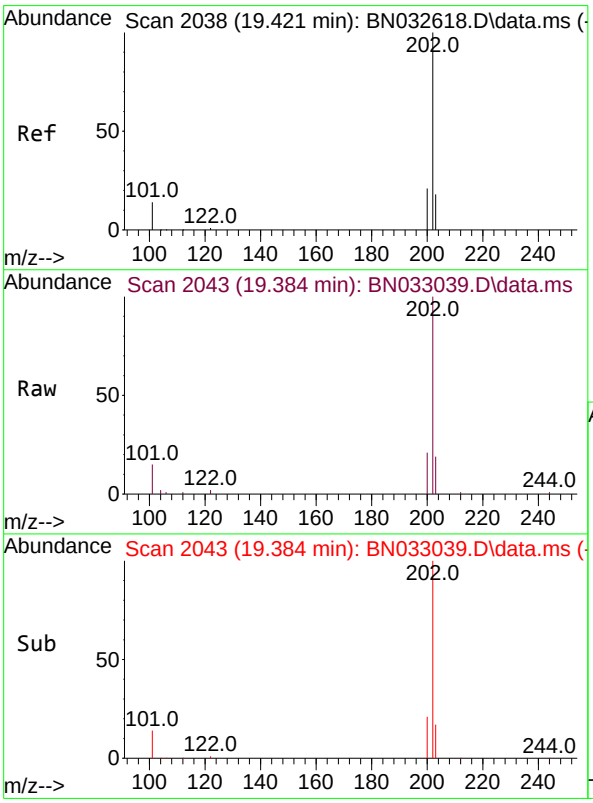
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.158 min Scan# 24
Delta R.T. -0.008 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:240 Resp: 11364

Ion	Ratio	Lower	Upper
240	100		
120	15.0	14.8	22.2
236	27.7	23.3	34.9

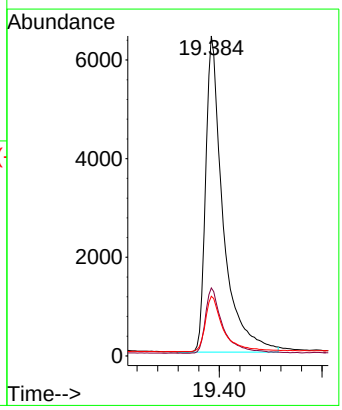


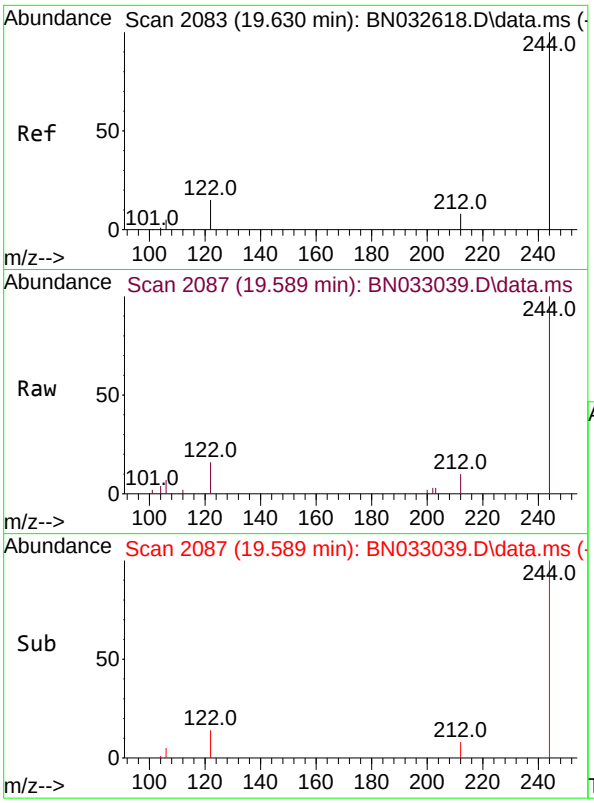


#30
Pyrene
Concen: 0.324 ng
RT: 19.384 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:202 Resp: 15046

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.2	14.8	22.2



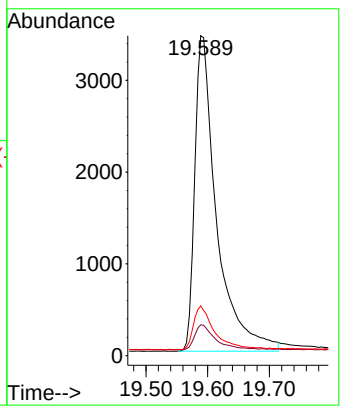


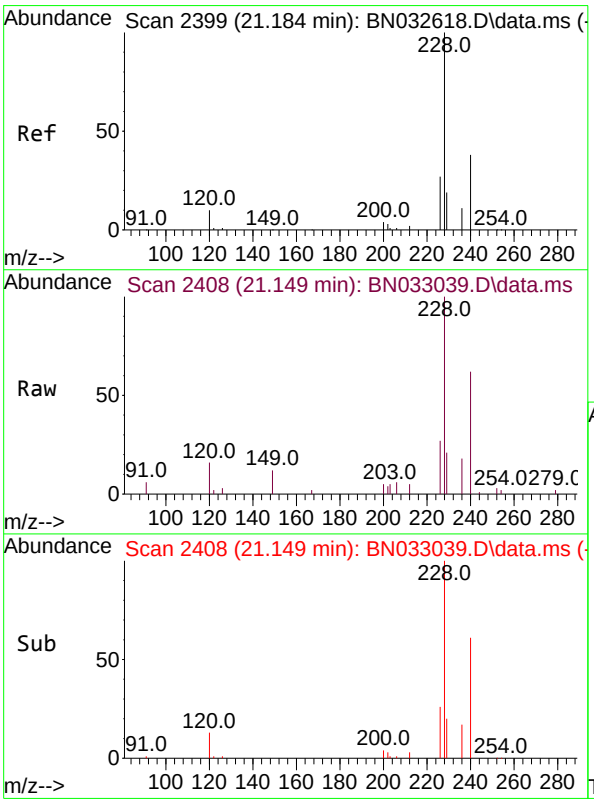
#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.589 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:244 Resp: 8494

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	15.5	12.6	19.0

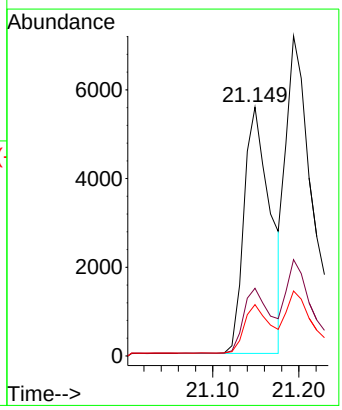


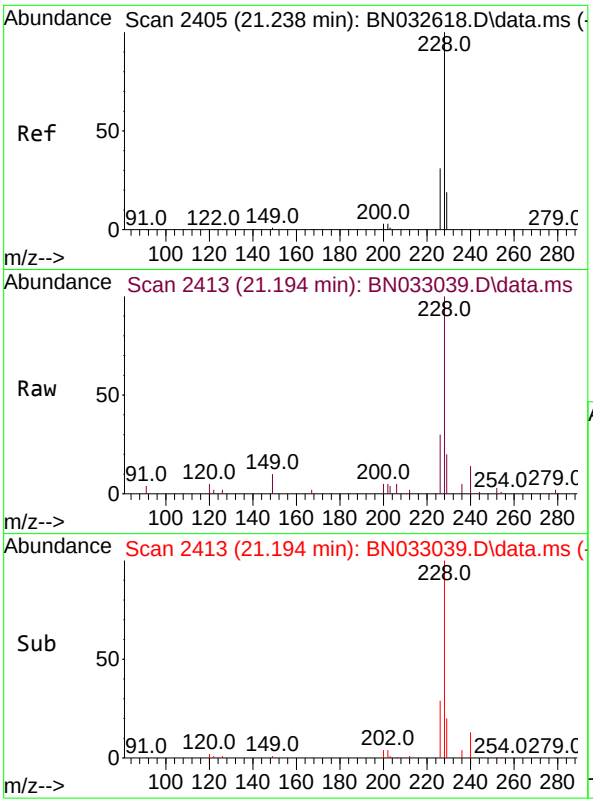


#32
Benzo(a)anthracene
Concen: 0.329 ng
RT: 21.149 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:228 Resp: 11822

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	20.7	16.0	24.0



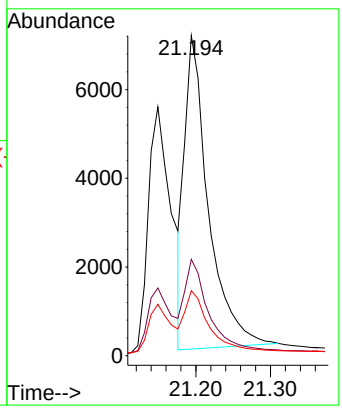


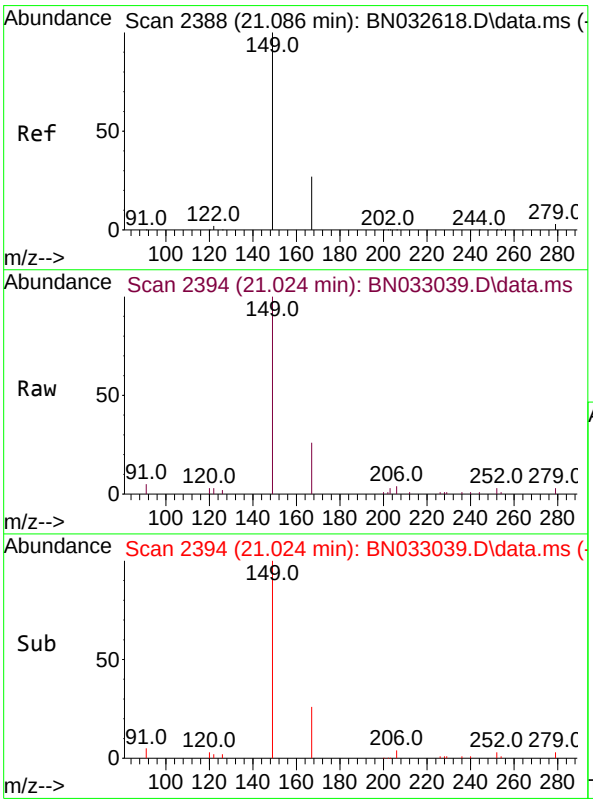
#33
Chrysene
Concen: 0.366 ng
RT: 21.194 min Scan# 24
Delta R.T. -0.008 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:228 Resp: 15644

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	20.3	16.0	24.0

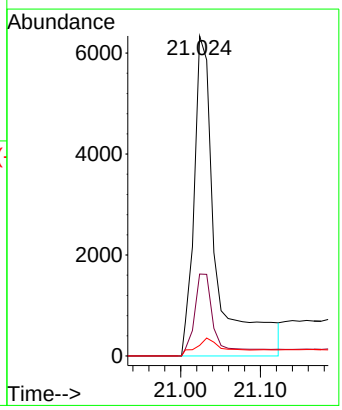


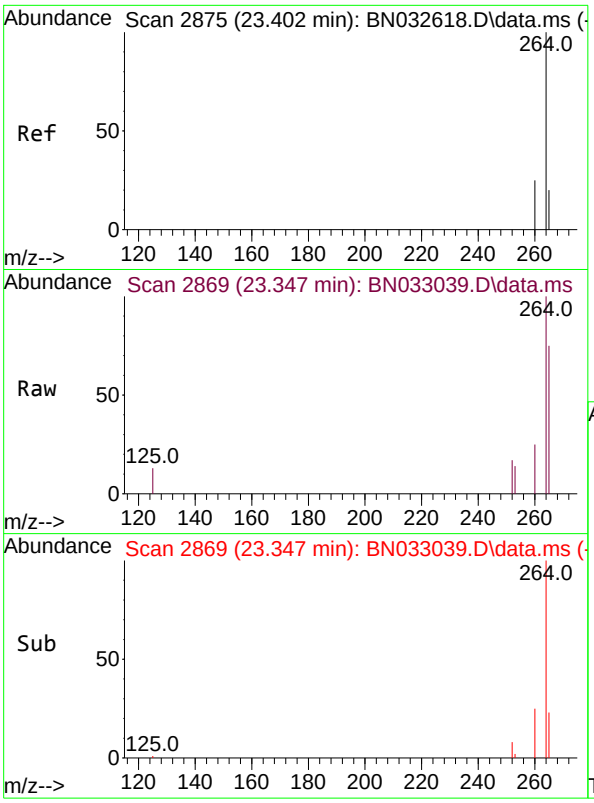


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.593 ng
RT: 21.024 min Scan# 2394
Delta R.T. -0.026 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:149 Resp: 11792

Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.4	32.2
279	7.2	2.8	4.2#



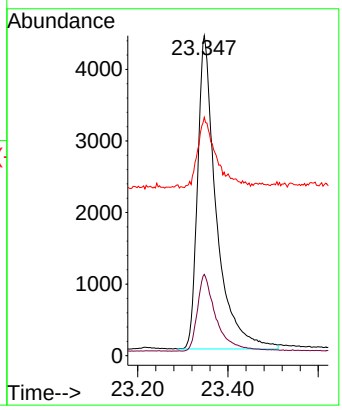


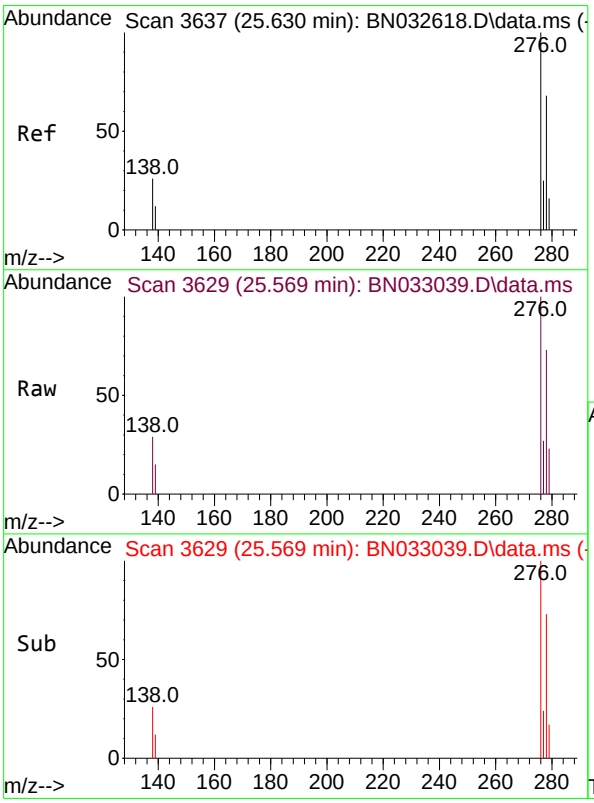
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.347 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:264 Resp: 12586

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.9	31.3
265	74.5	85.4	128.2#

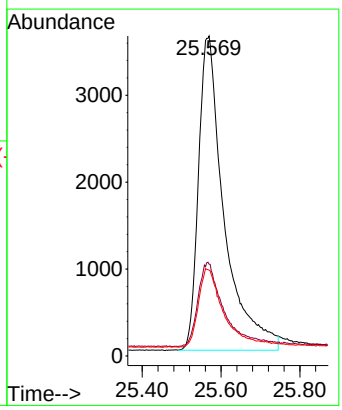


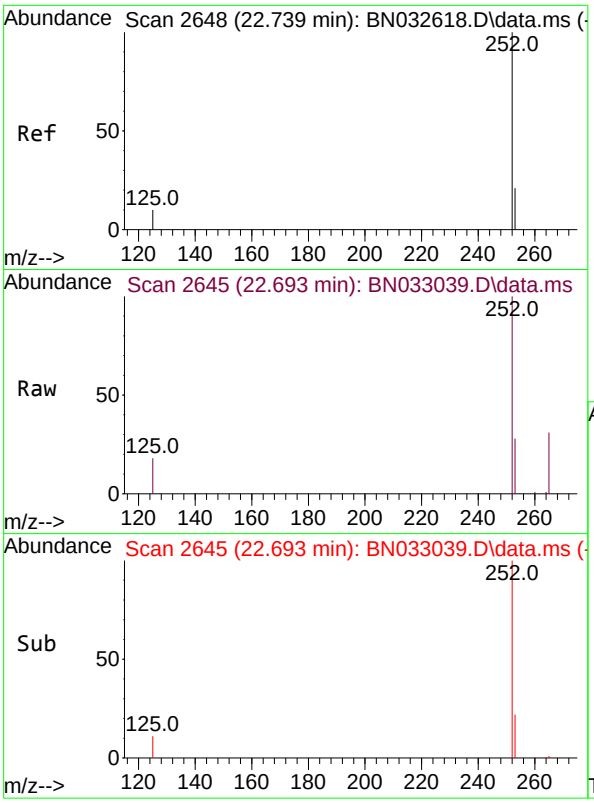


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng
RT: 25.569 min Scan# 3629
Delta R.T. 0.001 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:276 Resp: 16307

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.0	31.4
277	24.6	19.5	29.3



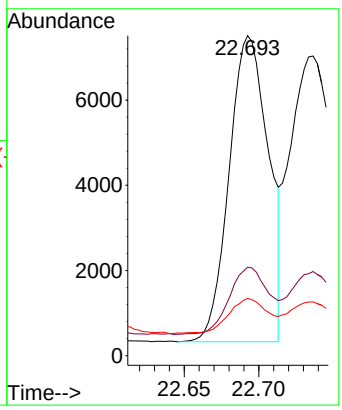


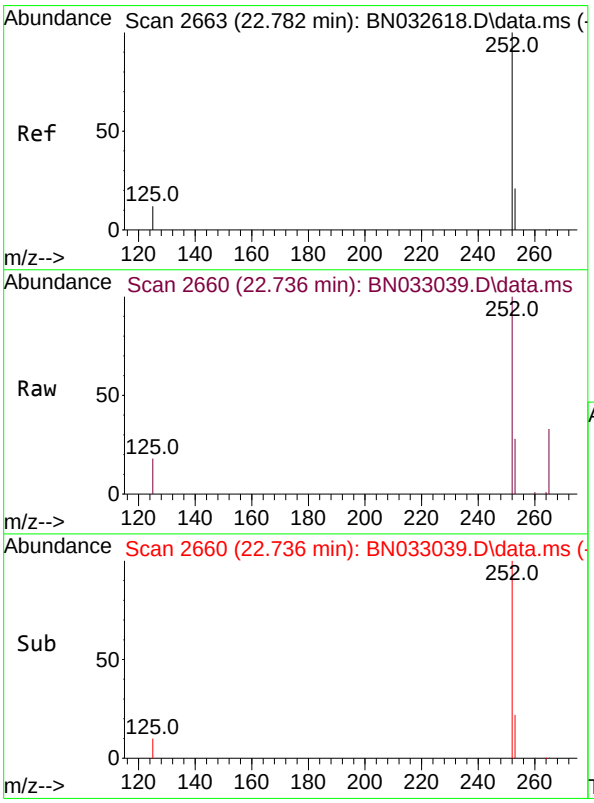
#37
Benzo(b)fluoranthene
Concen: 0.299 ng
RT: 22.693 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:252 Resp: 13127

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.3	33.5
125	17.9	15.4	23.2

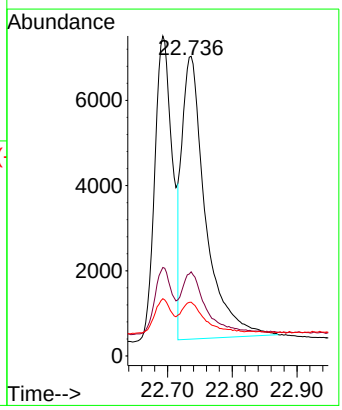


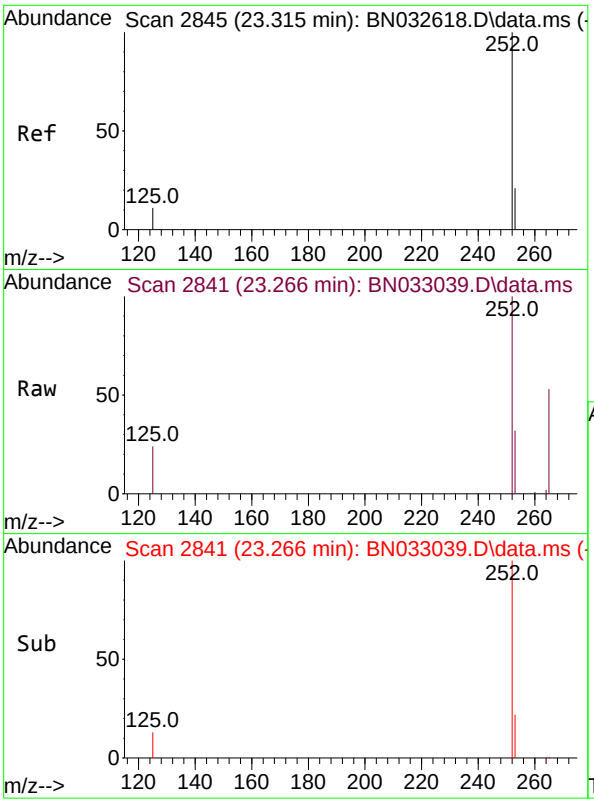


#38
Benzo(k)fluoranthene
Concen: 0.336 ng
RT: 22.736 min Scan# 2660
Delta R.T. -0.008 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:252 Resp: 16855

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.6	34.0
125	18.0	16.2	24.4



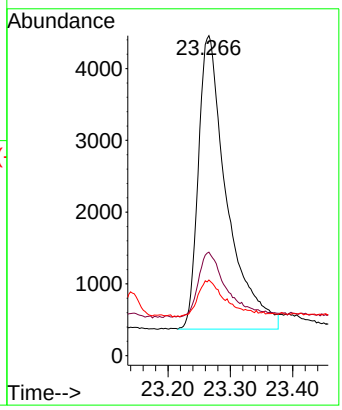


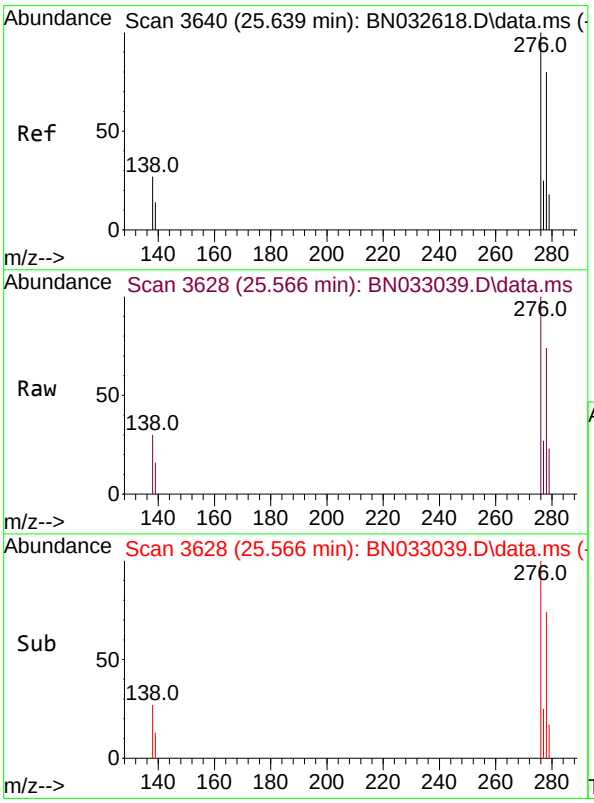
#39
Benzo(a)pyrene
Concen: 0.328 ng
RT: 23.266 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:252 Resp: 12968

Ion	Ratio	Lower	Upper
252	100		
253	32.3	25.8	38.8
125	23.7	21.4	32.2

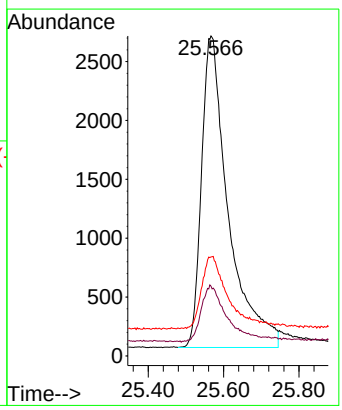


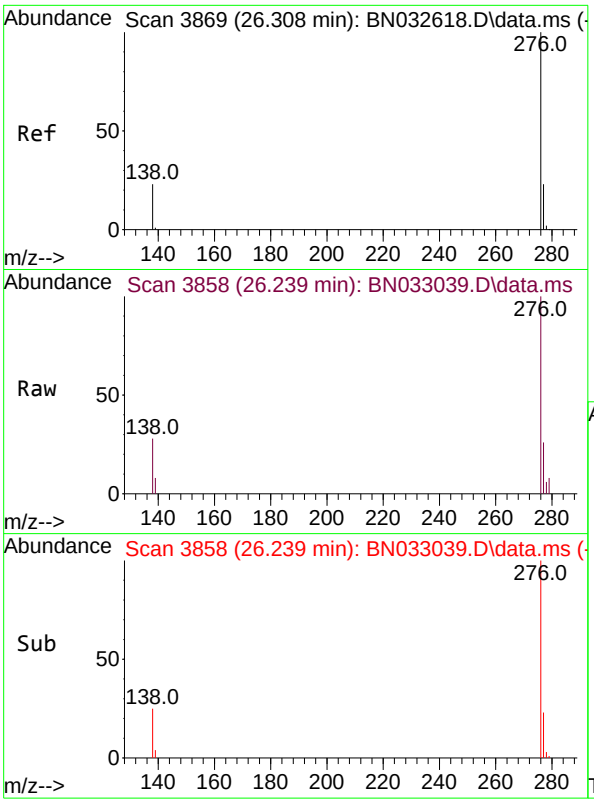


#40
Dibenzo(a,h)anthracene
Concen: 0.333 ng
RT: 25.566 min Scan# 3628
Delta R.T. -0.002 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Tgt Ion:278 Resp: 13051

Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.7	25.1
279	30.9	24.3	36.5





#41
Benzo(g,h,i)perylene
Concen: 0.335 ng
RT: 26.239 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN033039.D
Acq: 27 Jul 2024 19:03

Instrument :
BNA_N
ClientSampleId :
PB162294BSD

Tgt Ion:276 Resp: 14527

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.2	30.2
138	27.8	20.5	30.7