Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033049.D
Acq On : 28 Jul 2024 01:04
Operator : MA/JU
Sample : PB162161BSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Quant Time: Jul 29 01:10:34 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	2334	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	8751	0.400	ng		0.02
13) Acenaphthene-d10	14.158	164	6204	0.400	ng		-0.02
19) Phenanthrene-d10	16.945	188	13394	0.400	ng		0.00
29) Chrysene-d12	21.152	240	12376	0.400	ng		-0.01
35) Perylene-d12	23.344	264	13656	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	1655	0.280	ng		0.05
5) Phenol-d6	6.874	99	2618	0.357	ng		0.10
8) Nitrobenzene-d5	8.824	82	2059	0.313	ng		0.09
11) 2-Methylnaphthalene-d10	11.927	152	5406	0.404	ng		0.01
14) 2,4,6-Tribromophenol	15.729	330	886	0.334	ng		0.00
15) 2-Fluorobiphenyl	12.811	172	7238	0.313	ng		0.00
27) Fluoranthene-d10	18.987	212	13341	0.385	ng		0.00
31) Terphenyl-d14	19.591	244	9410	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	1370	0.474	ng	#	90
3) n-Nitrosodimethylamine	3.466	42	678	0.277	ng	#	91
6) bis(2-Chloroethyl)ether	6.954	93	1655	0.270	ng	#	32
9) Naphthalene	10.372	128	9190	0.379	ng		97
10) Hexachlorobutadiene	10.565	225	1899	0.410	ng	#	99
12) 2-Methylnaphthalene	12.007	142	5716	0.361	ng		95
16) Acenaphthylene	13.891	152	9080	0.360	ng		99
17) Acenaphthene	14.222	154	6595	0.369	ng		99
18) Fluorene	15.238	166	8764	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.542	198	199	0.361	ng	#	1
21) 4-Bromophenyl-phenylether	16.138	248	2627	0.334	ng		96
22) Hexachlorobenzene	16.237	284	3246	0.368	ng		99
23) Atrazine	16.436	200	2069	0.357	ng		95
24) Pentachlorophenol	16.647	266	921	0.281	ng		99
25) Phenanthrene	16.982	178	12726	0.348	ng		100
26) Anthracene	17.094	178	8415	0.279	ng		100
28) Fluoranthene	19.020	202	15940	0.360	ng		99
30) Pyrene	19.382	202	16736	0.331	ng		100
32) Benzo(a)anthracene	21.143	228	12153	0.311	ng		99
33) Chrysene	21.196	228	18178	0.391	ng		99
34) Bis(2-ethylhexyl)phtha...	21.026	149	11268	0.520	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.563	276	17128	0.318	ng		99
37) Benzo(b)fluoranthene	22.689	252	14361	0.302	ng		97
38) Benzo(k)fluoranthene	22.733	252	18029	0.332	ng		96
39) Benzo(a)pyrene	23.259	252	14046	0.327	ng		96
40) Dibenzo(a,h)anthracene	25.563	278	13737	0.323	ng		98
41) Benzo(g,h,i)perylene	26.235	276	15241	0.324	ng		97

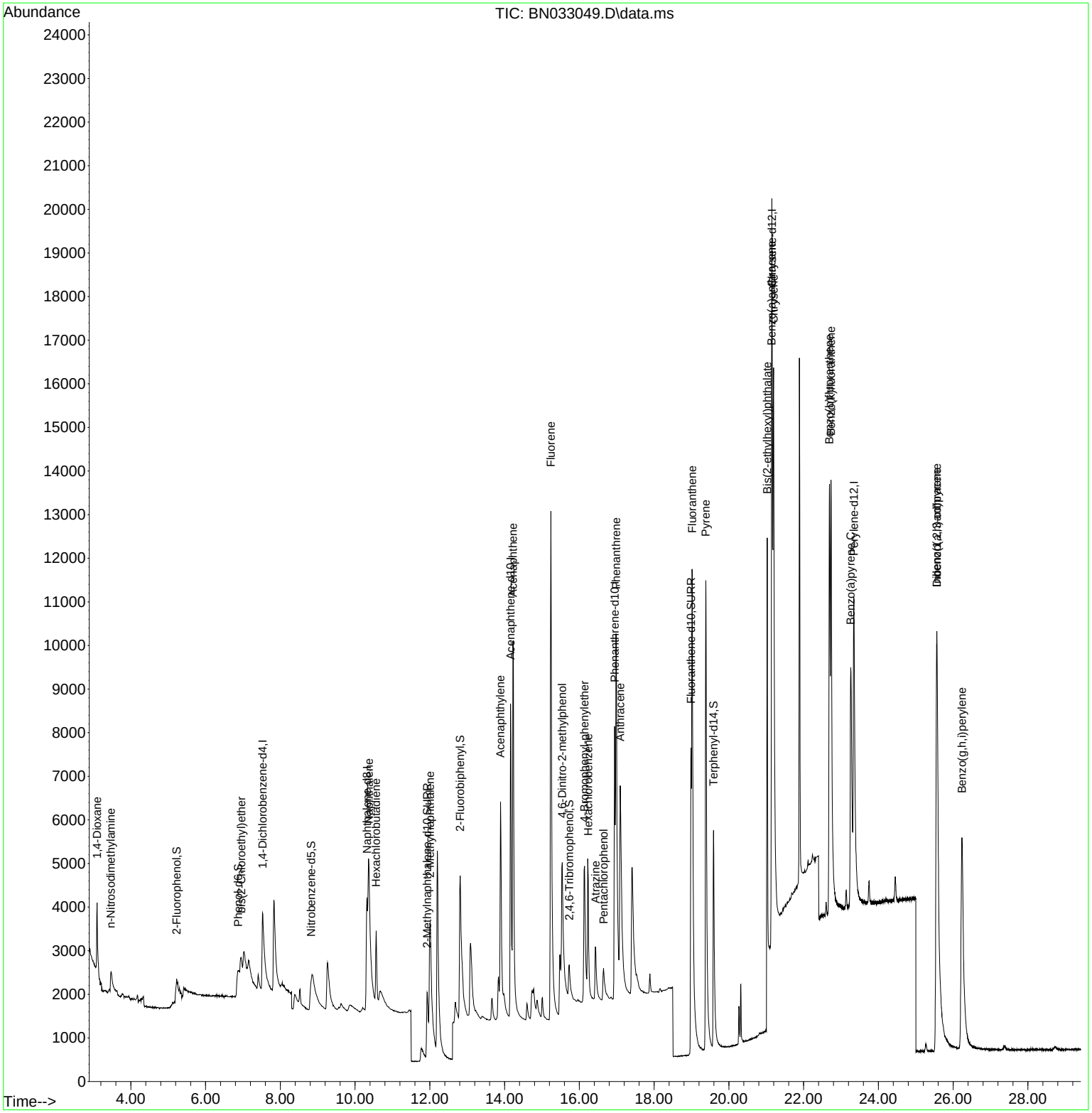
(#) = qualifier out of range (m) = manual integration (+) = signals summed

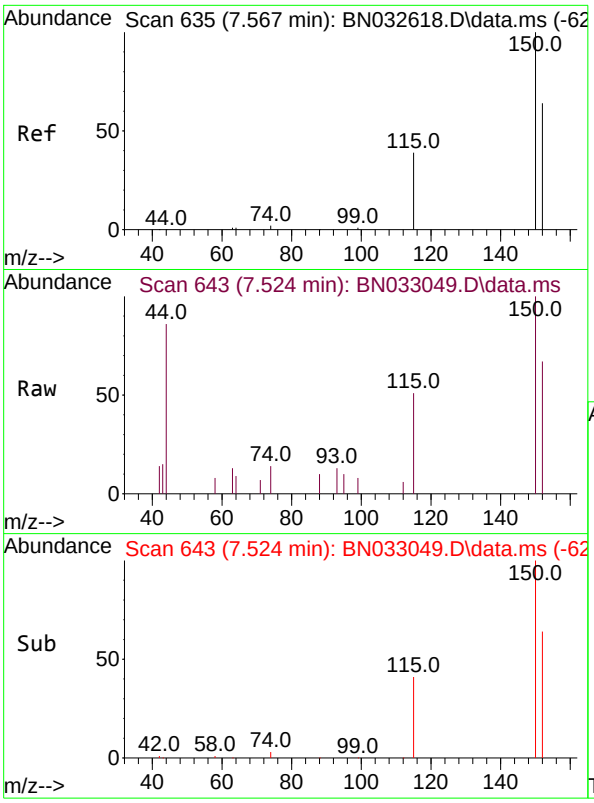
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033049.D
Acq On : 28 Jul 2024 01:04
Operator : MA/JU
Sample : PB162161BSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Quant Time: Jul 29 01:10:34 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



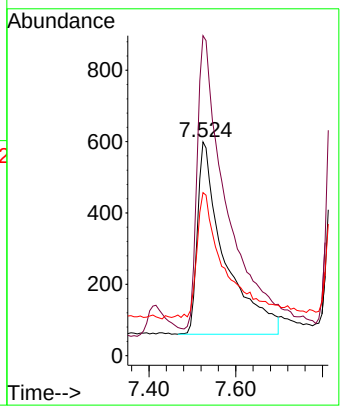


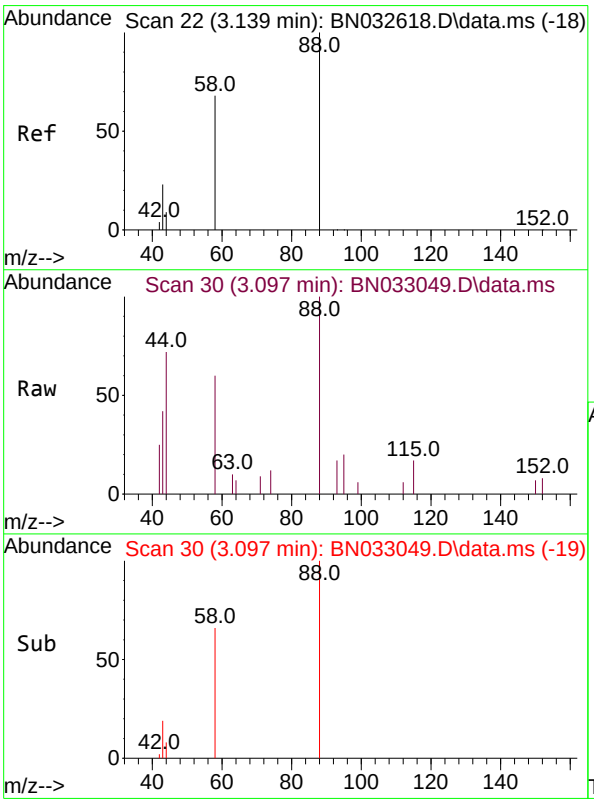
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.524 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:152 Resp: 2334

Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.8	185.6
115	76.3	52.8	79.2

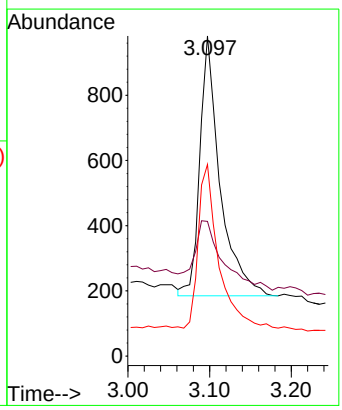


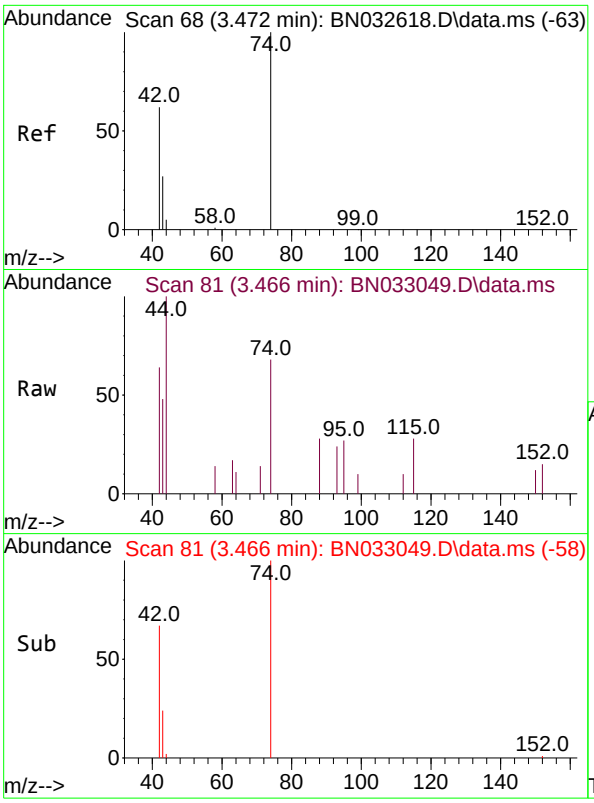


#2
1,4-Dioxane
Concen: 0.474 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.020 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion: 88 Resp: 1370

Ion	Ratio	Lower	Upper
88	100		
43	38.8	18.4	27.6#
58	62.7	49.2	73.8



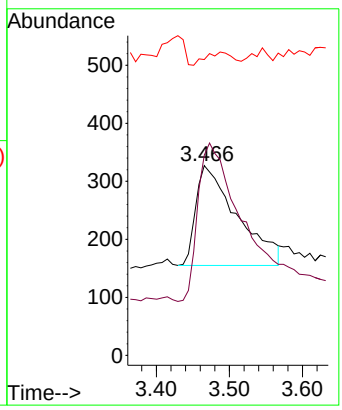


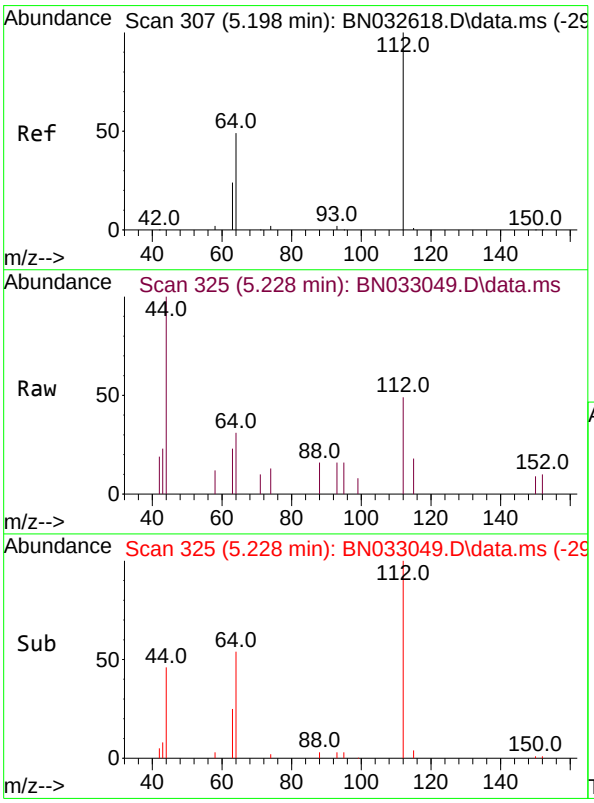
#3
n-Nitrosodimethylamine
Concen: 0.277 ng
RT: 3.466 min Scan# 8
Delta R.T. 0.016 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion: 42 Resp: 678

Ion	Ratio	Lower	Upper
42	100		
74	169.9	126.9	190.3
44	0.0	4.8	7.2#

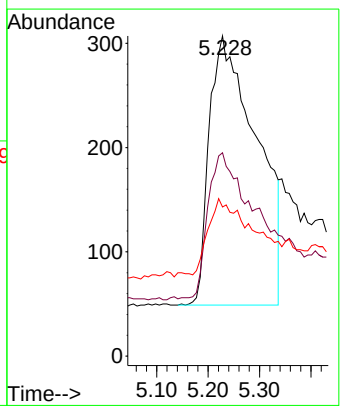


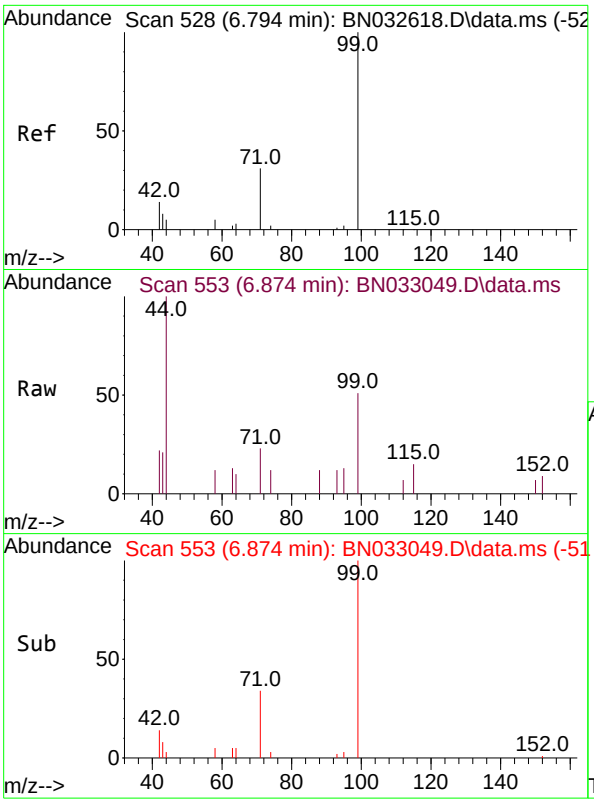


#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.052 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:112 Resp: 1655

Ion	Ratio	Lower	Upper
112	100		
64	54.4	40.2	60.4
63	27.9	22.2	33.4



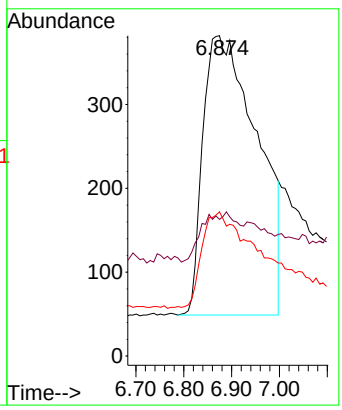


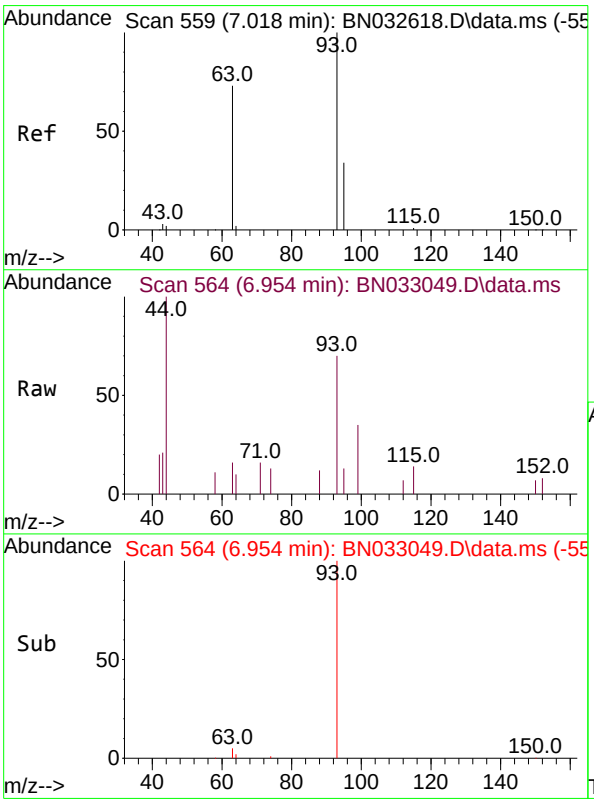
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.874 min Scan# 5
Delta R.T. 0.095 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion: 99 Resp: 2618

Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.5	15.7#
71	33.1	22.3	33.5

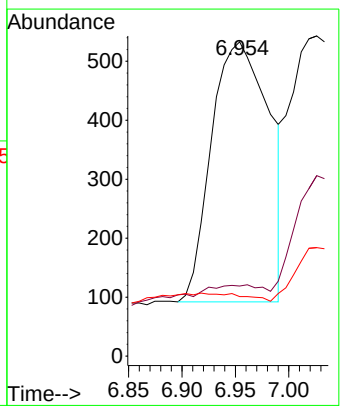


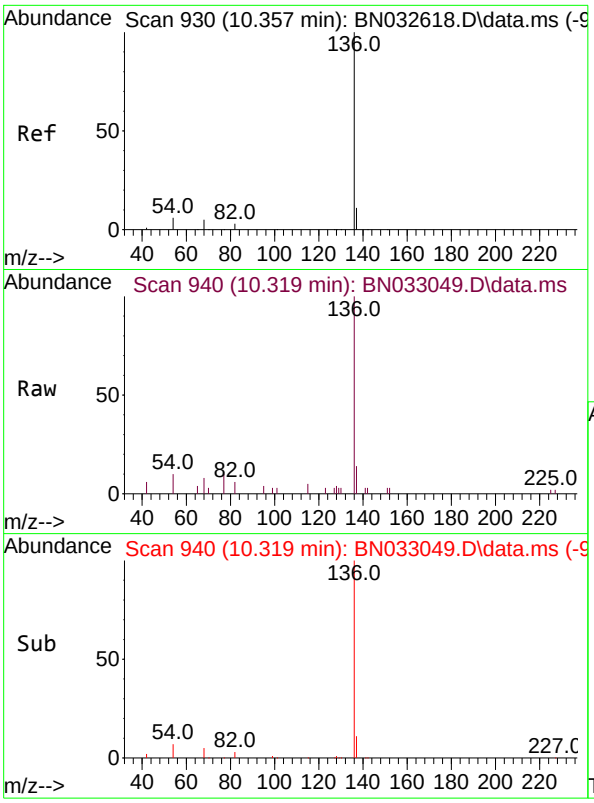


#6
bis(2-Chloroethyl)ether
Concen: 0.270 ng
RT: 6.954 min Scan# 564
Delta R.T. -0.035 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion: 93 Resp: 1655

Ion	Ratio	Lower	Upper
93	100		
63	3.1	46.4	69.6#
95	0.0	25.5	38.3#



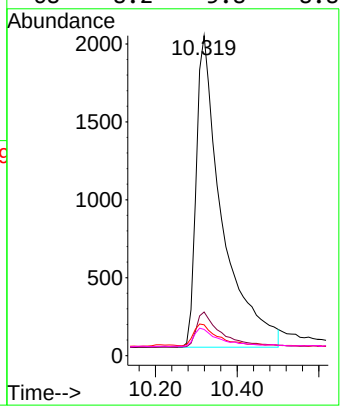


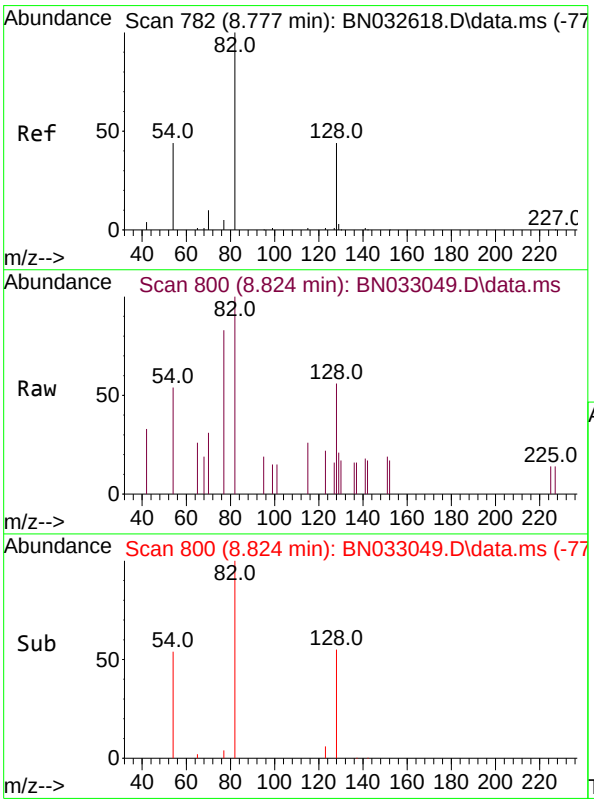
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:136 Resp: 8751

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.9	14.9
54	9.6	6.5	9.7
68	8.2	5.8	8.8

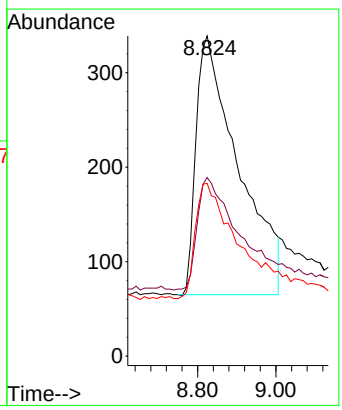


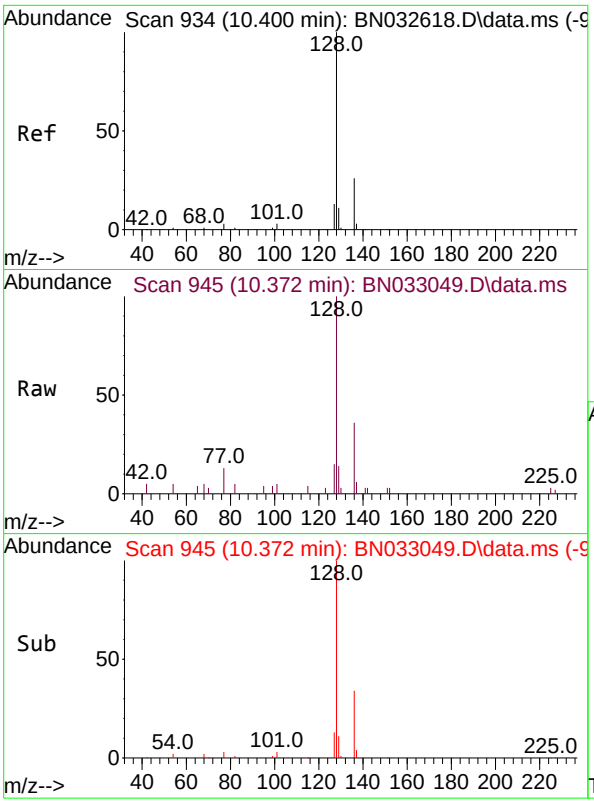


#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.824 min Scan# 800
Delta R.T. 0.090 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion: 82 Resp: 2059

Ion	Ratio	Lower	Upper
82	100		
128	55.8	41.7	62.5
54	54.0	39.5	59.3



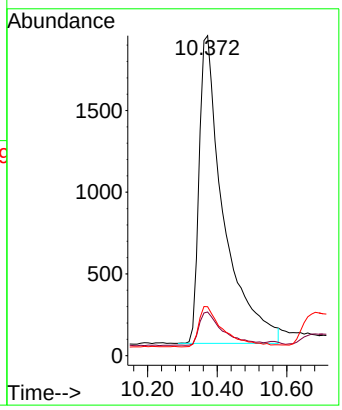


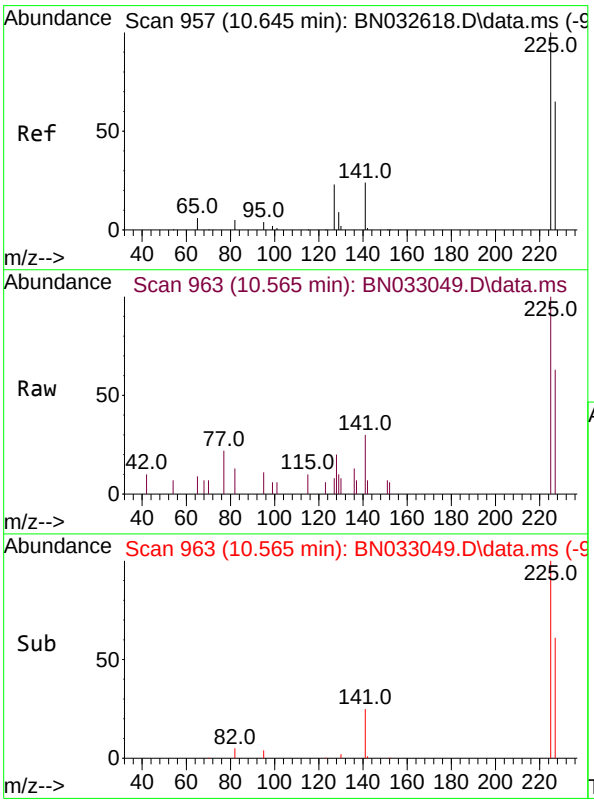
#9
Naphthalene
Concen: 0.379 ng
RT: 10.372 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:128 Resp: 9190

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.8	14.8
127	15.3	11.5	17.3

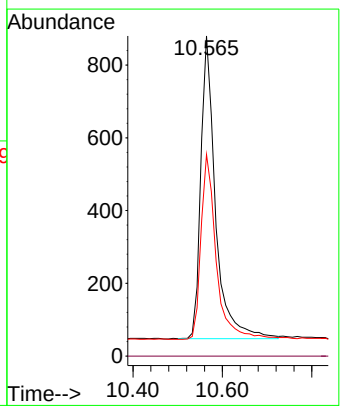


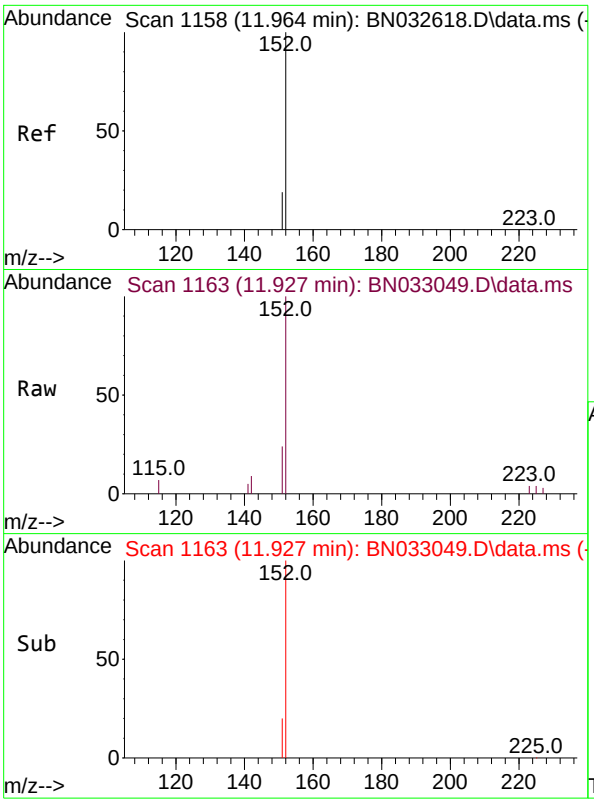


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.565 min Scan# 963
Delta R.T. -0.038 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:225 Resp: 1899

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.3	76.9



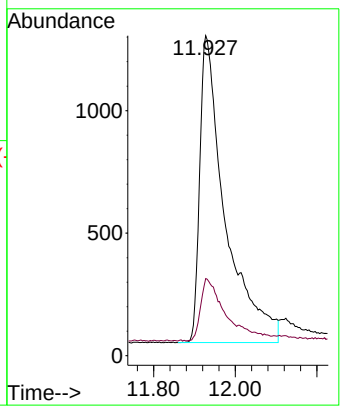


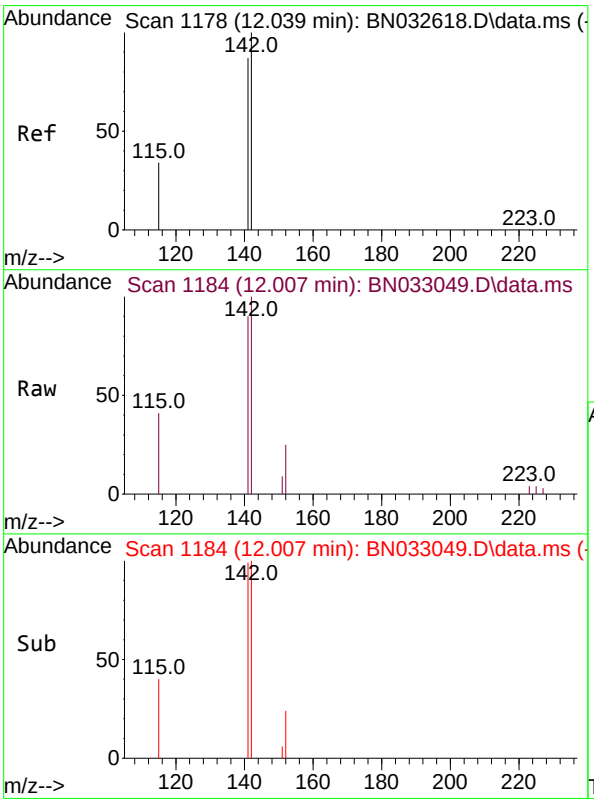
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.927 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:152 Resp: 5406

Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.2	24.2

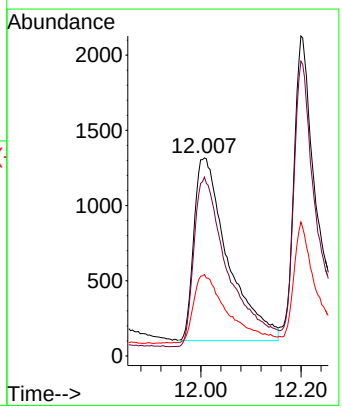


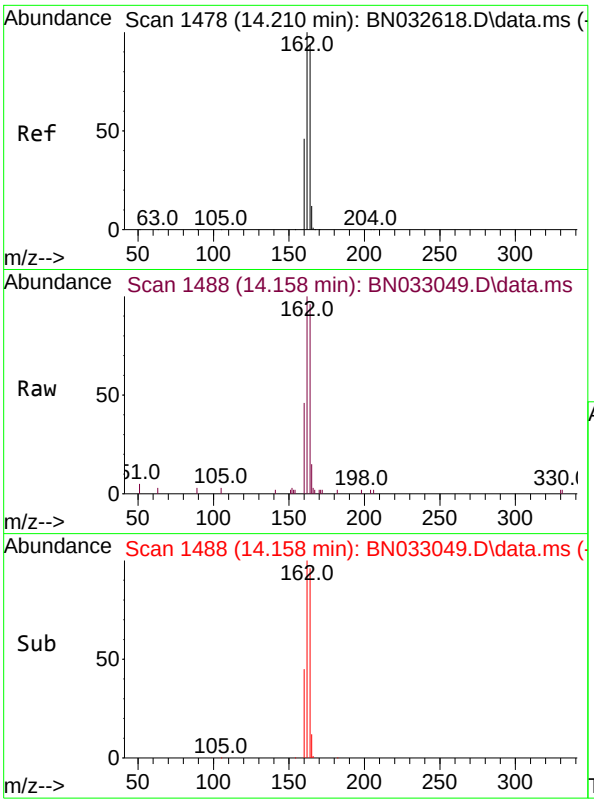


#12
2-Methylnaphthalene
Concen: 0.361 ng
RT: 12.007 min Scan# 1184
Delta R.T. 0.017 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:142 Resp: 5716

Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.3	103.9
115	41.1	29.5	44.3



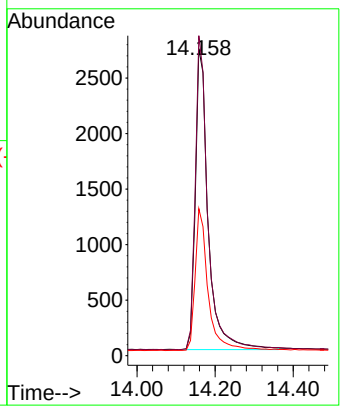


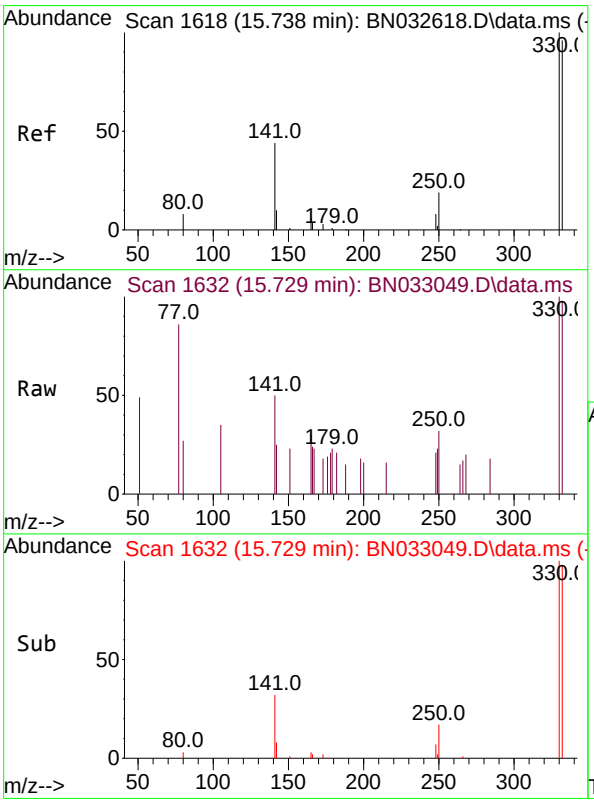
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.158 min Scan# 14
Delta R.T. -0.020 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:164 Resp: 6204

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.0	127.4
160	47.9	39.4	59.2

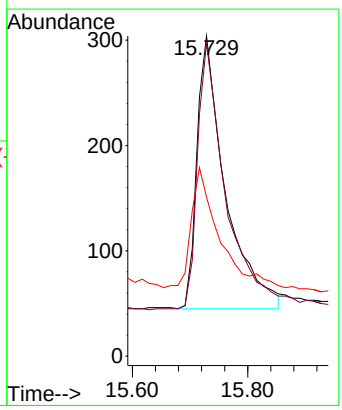


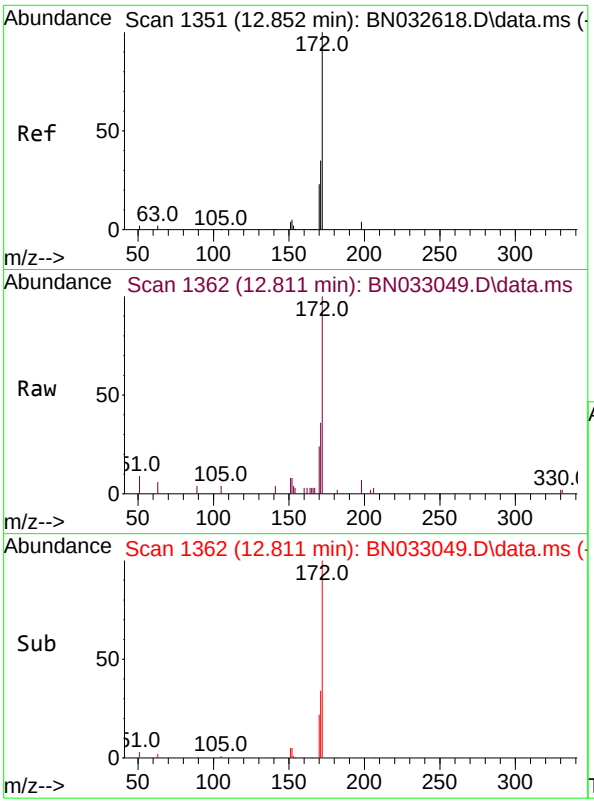


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.729 min Scan# 1632
Delta R.T. 0.003 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:330 Resp: 886

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.8
141	42.3	34.2	51.2



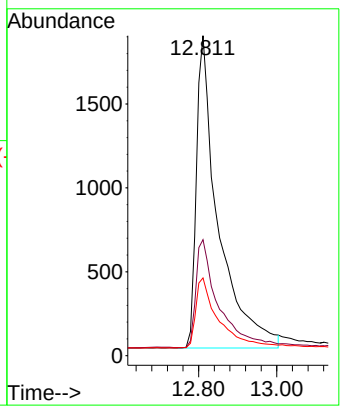


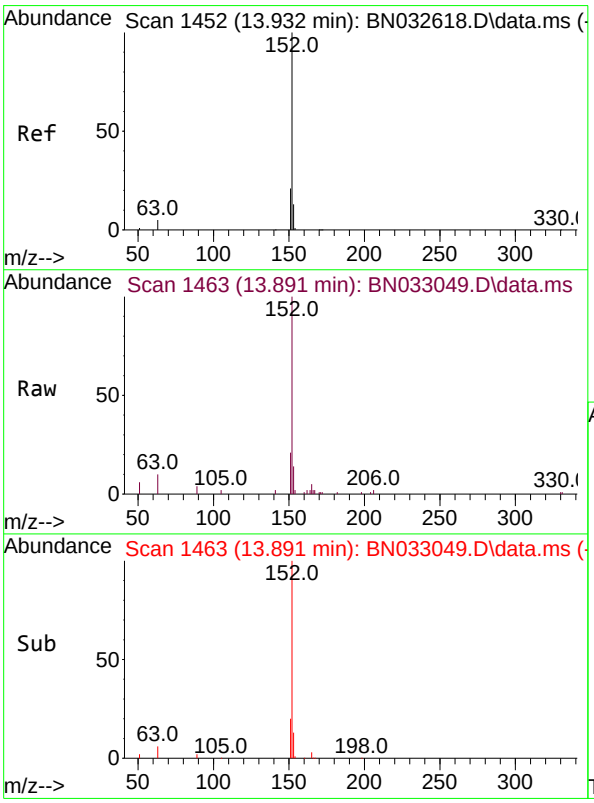
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.811 min Scan# 1
Delta R.T. 0.002 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:172 Resp: 7238

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	19.0	28.6

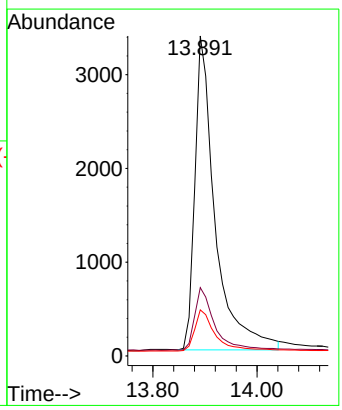


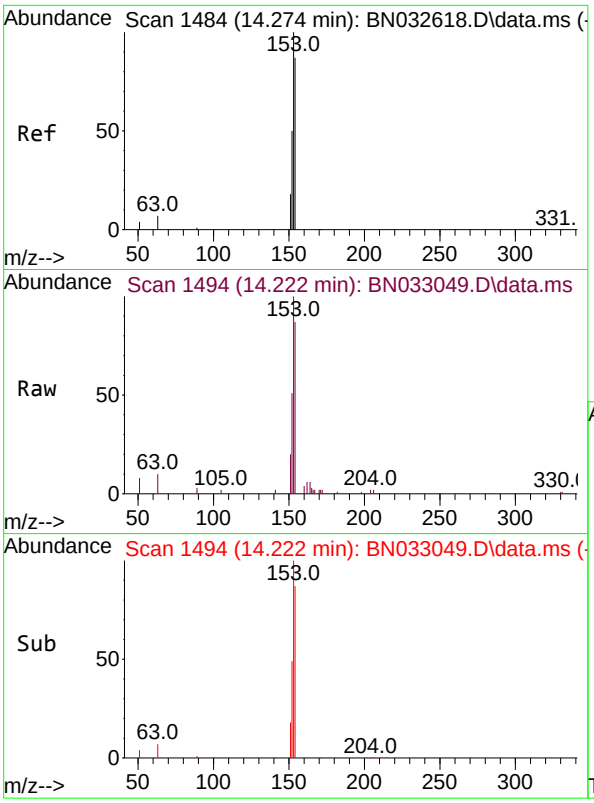


#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.891 min Scan# 1463
Delta R.T. -0.009 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:152 Resp: 9080

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.3	10.6	15.8



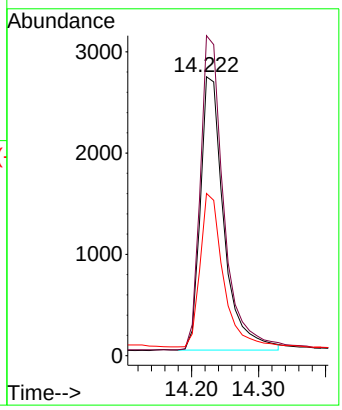


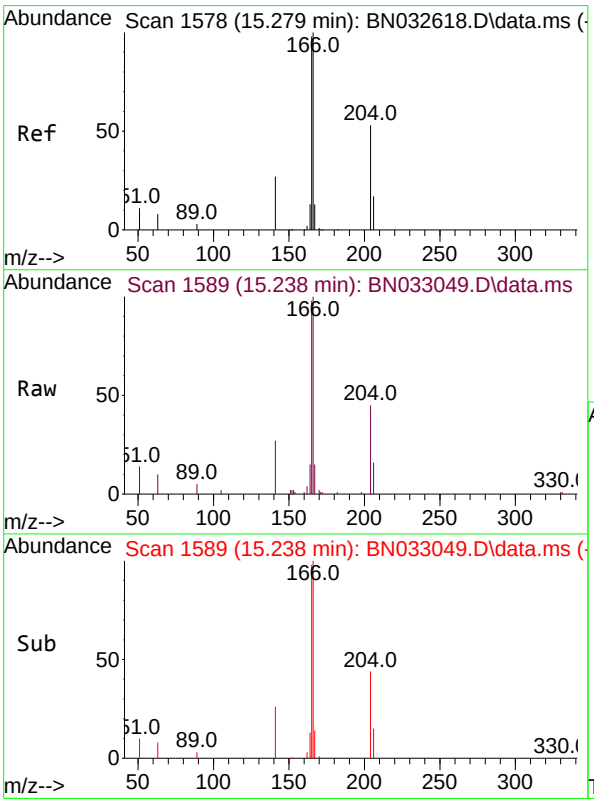
#17
Acenaphthene
Concen: 0.369 ng
RT: 14.222 min Scan# 14
Delta R.T. -0.020 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:154 Resp: 6595

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.8	137.8
152	54.9	45.2	67.8

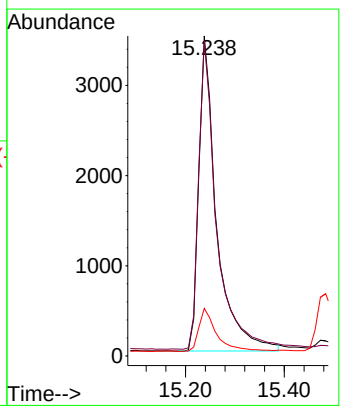


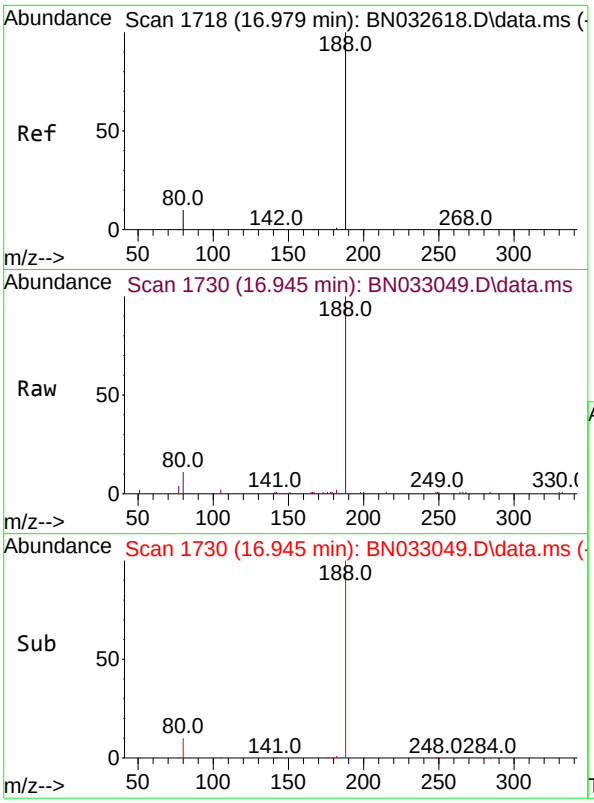


#18
Fluorene
Concen: 0.367 ng
RT: 15.238 min Scan# 1589
Delta R.T. -0.009 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:166 Resp: 8764

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.6	10.7	16.1



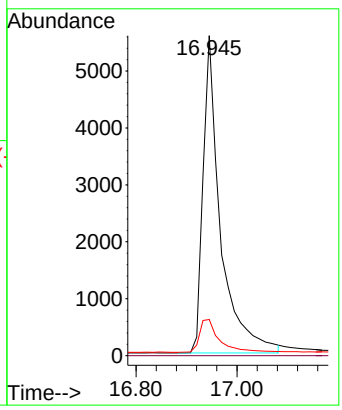


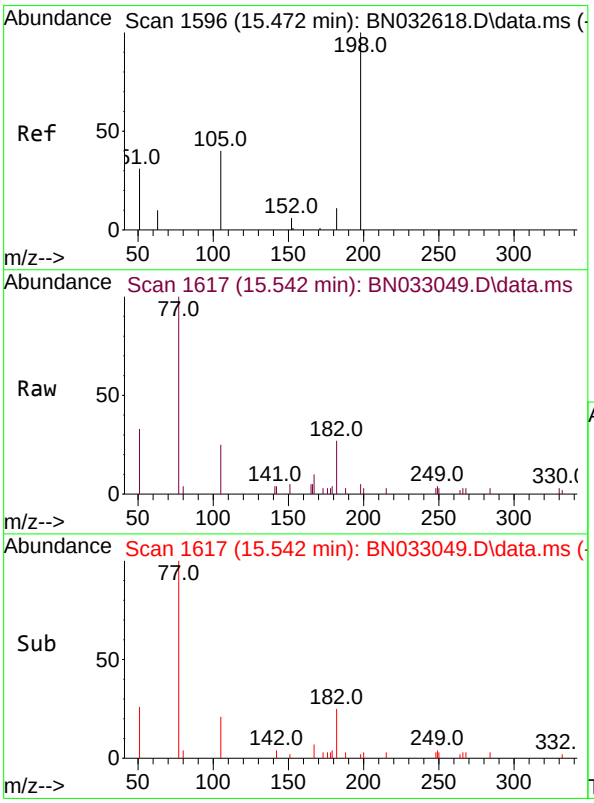
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.945 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:188 Resp: 13394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	8.8	13.2

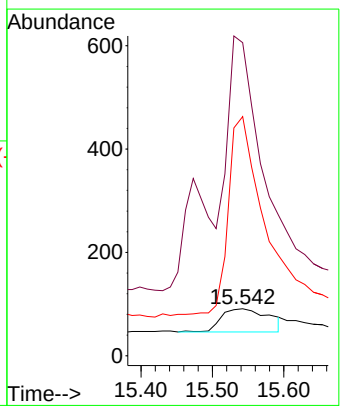


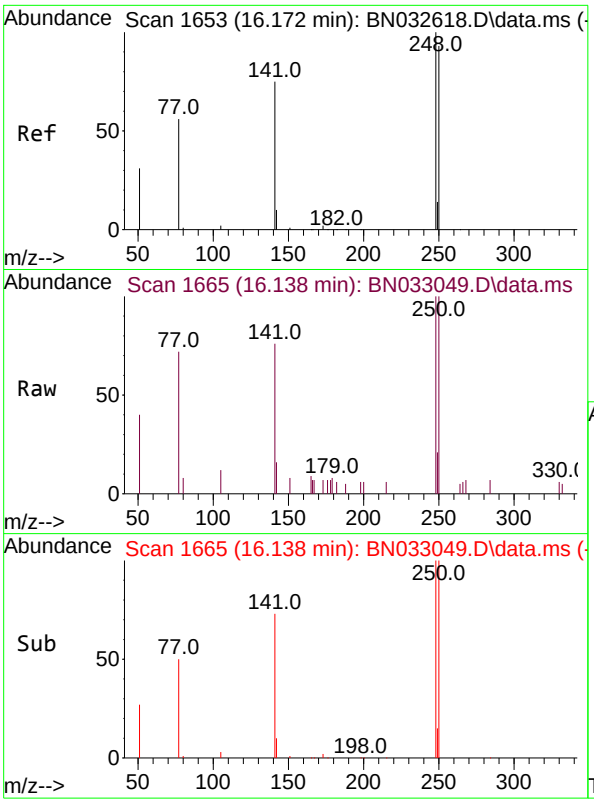


#20
4,6-Dinitro-2-methylphenol
Concen: 0.361 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.070 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:198 Resp: 199

Ion	Ratio	Lower	Upper
198	100		
51	665.9	105.7	158.5#
105	508.8	63.0	94.6#



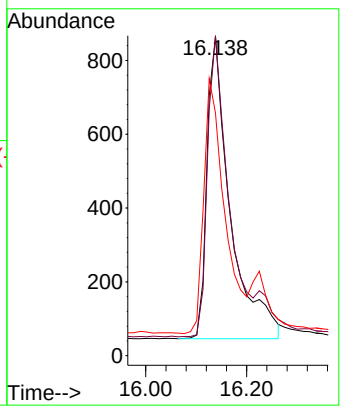


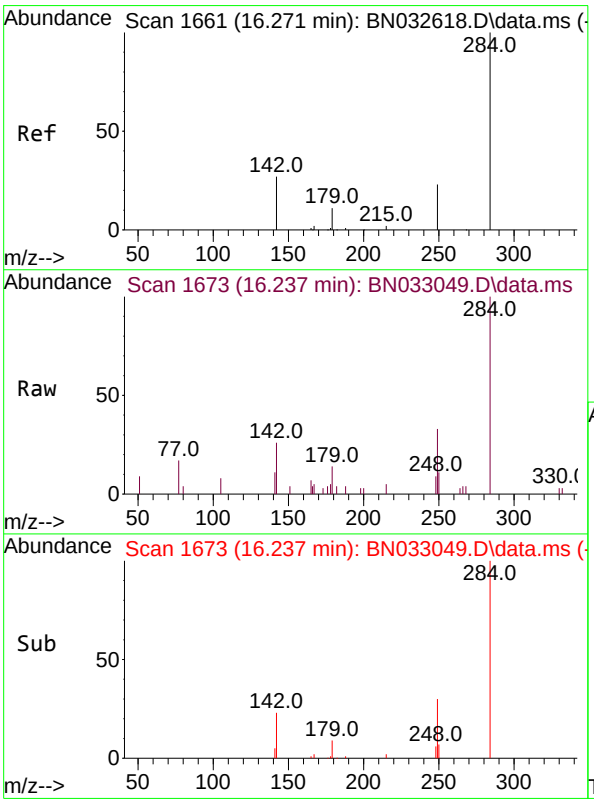
#21
4-Bromophenyl-phenylether
Concen: 0.334 ng
RT: 16.138 min Scan# 1(
Delta R.T. 0.003 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:248 Resp: 2627

Ion	Ratio	Lower	Upper
248	100		
250	100.2	75.1	112.7
141	76.0	62.0	93.0

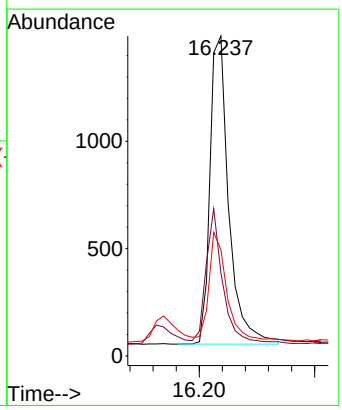


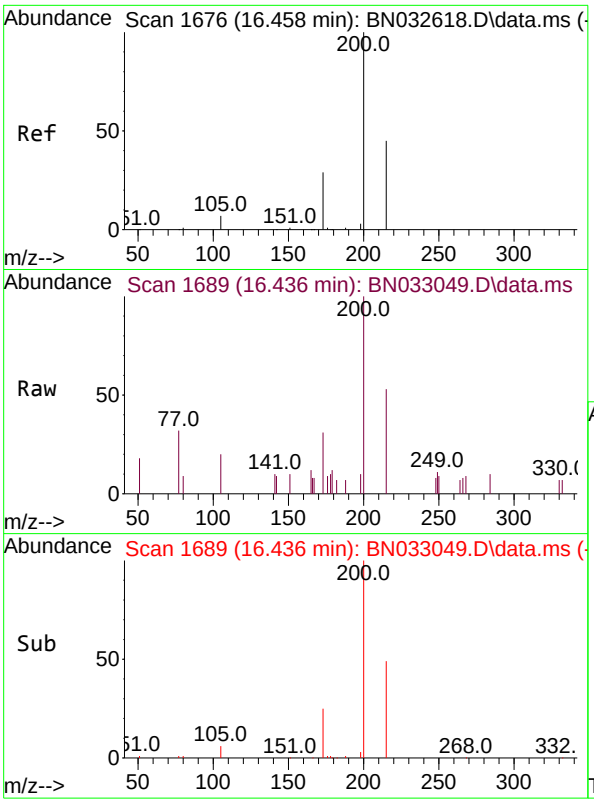


#22
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.237 min Scan# 1673
Delta R.T. -0.009 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:284 Resp: 3246

Ion	Ratio	Lower	Upper
284	100		
142	36.3	29.4	44.0
249	31.4	24.6	36.8



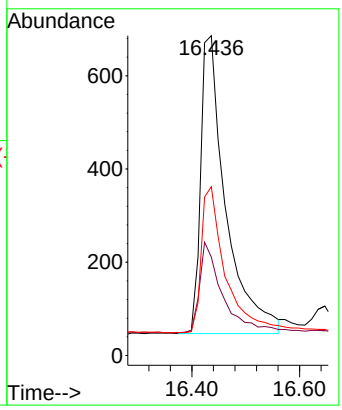


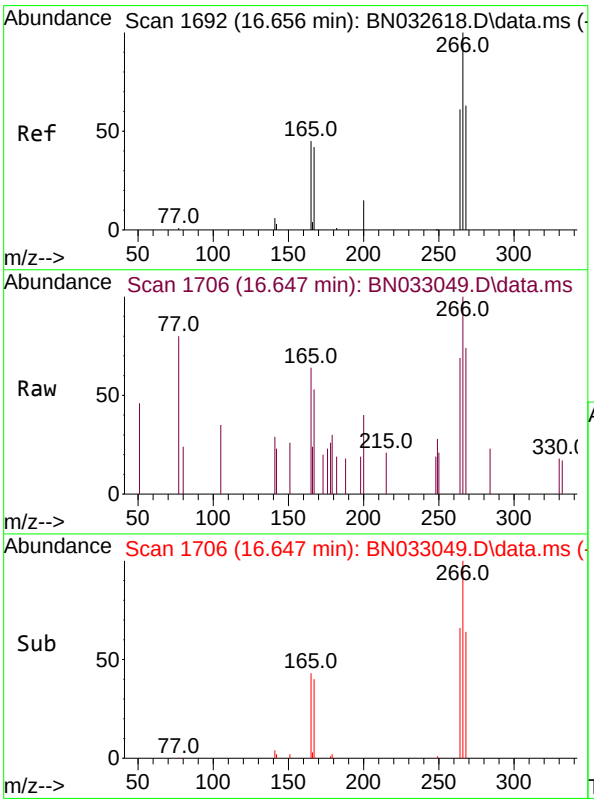
#23
Atrazine
Concen: 0.357 ng
RT: 16.436 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:200 Resp: 2069

Ion	Ratio	Lower	Upper
200	100		
173	30.8	25.4	38.2
215	52.8	38.2	57.2

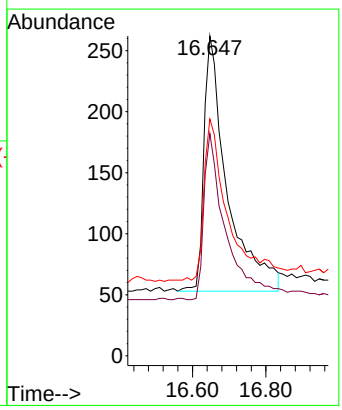


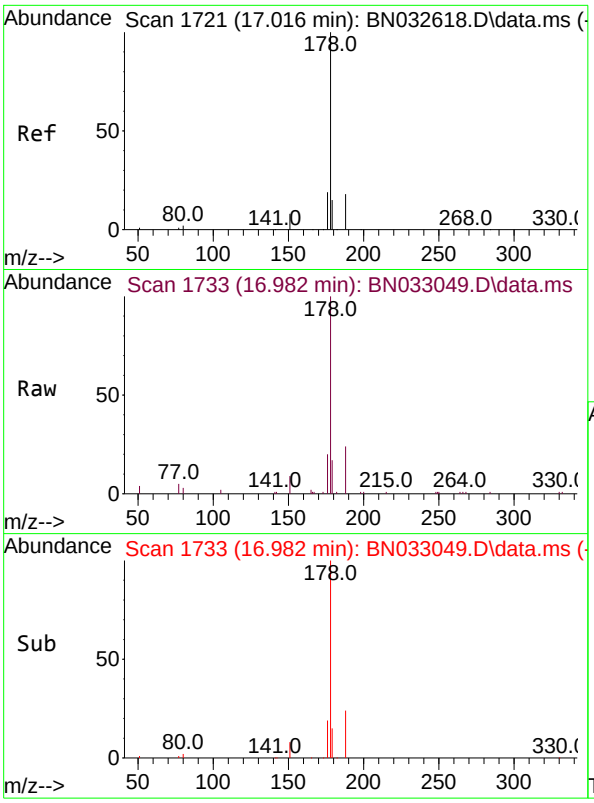


#24
Pentachlorophenol
Concen: 0.281 ng
RT: 16.647 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:266 Resp: 921

Ion	Ratio	Lower	Upper
266	100		
264	60.8	50.2	75.2
268	66.2	52.8	79.2



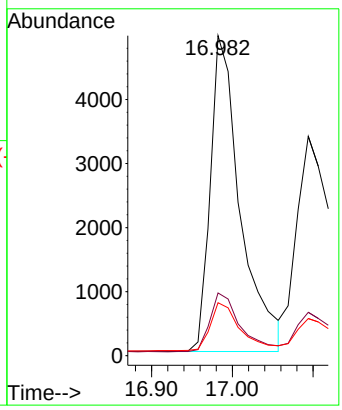


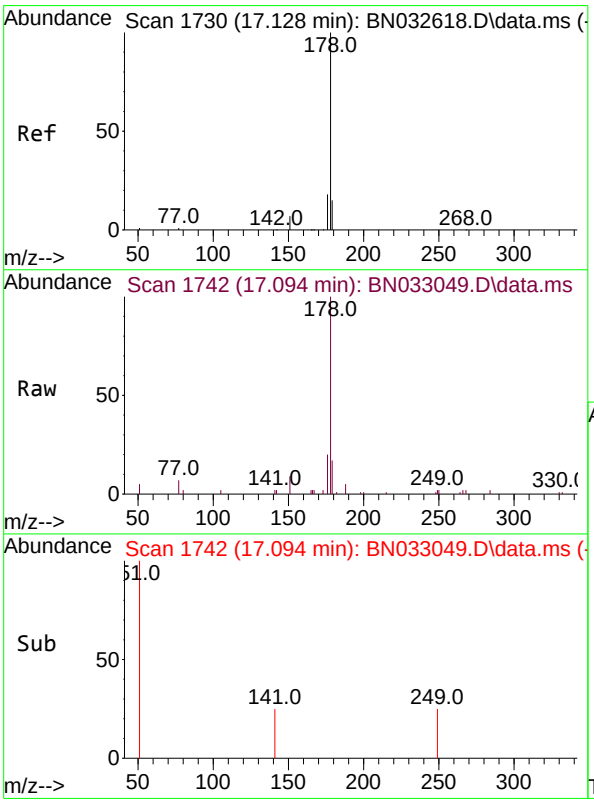
#25
Phenanthrene
Concen: 0.348 ng
RT: 16.982 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:178 Resp: 12726

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	12.2	18.4

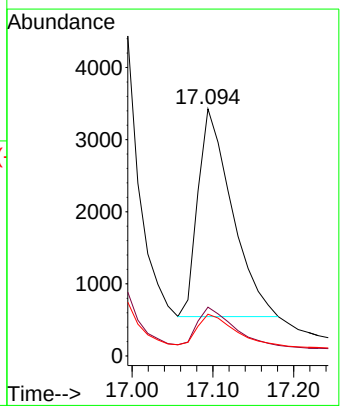


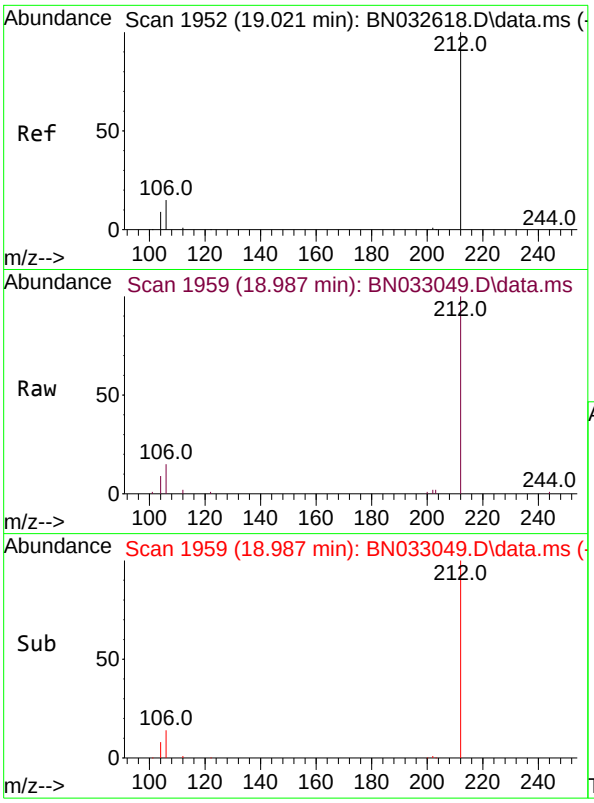


#26
Anthracene
Concen: 0.279 ng
RT: 17.094 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:178 Resp: 8415

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.0	11.8	17.8



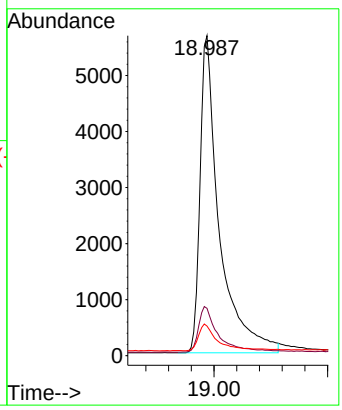


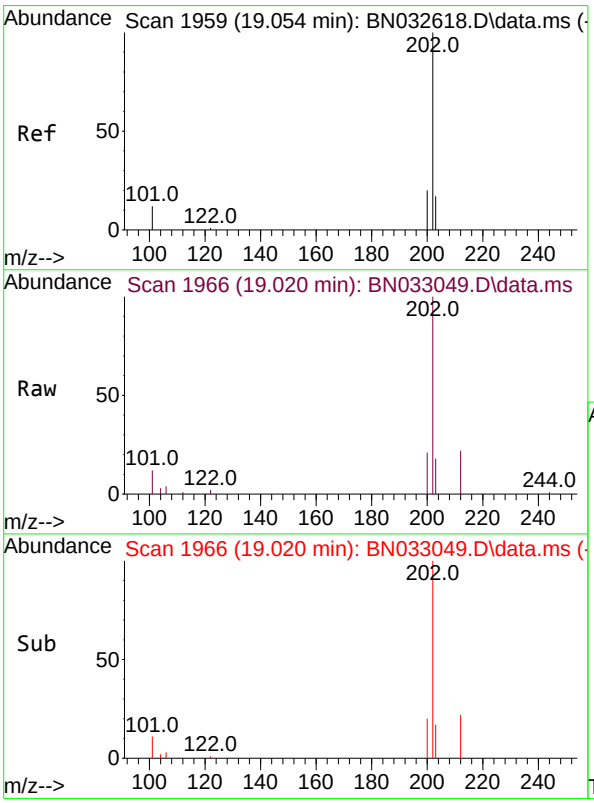
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.987 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:212 Resp: 13341

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.9	17.9
104	8.5	6.9	10.3

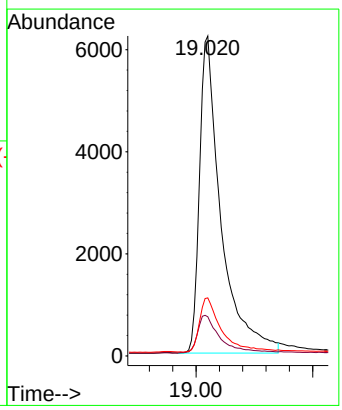


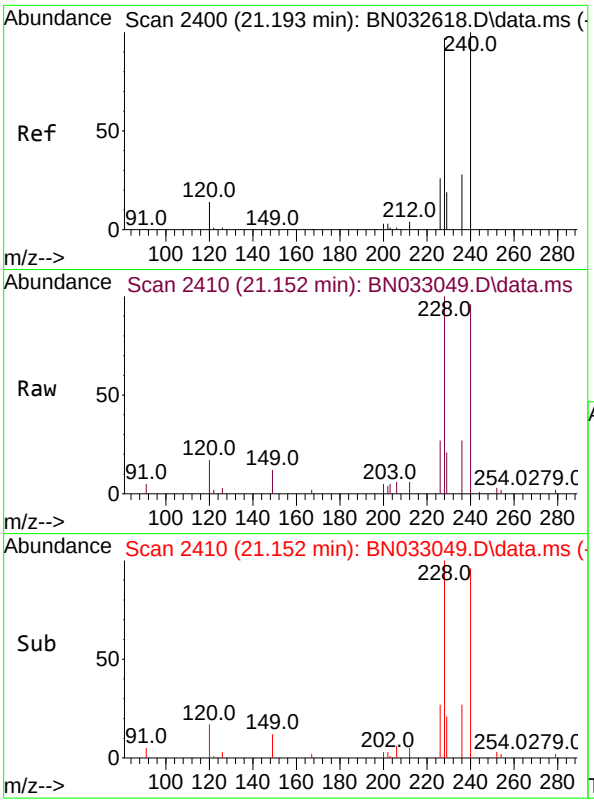


#28
Fluoranthene
Concen: 0.360 ng
RT: 19.020 min Scan# 1966
Delta R.T. -0.001 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:202 Resp: 15940

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.4	13.8	20.6



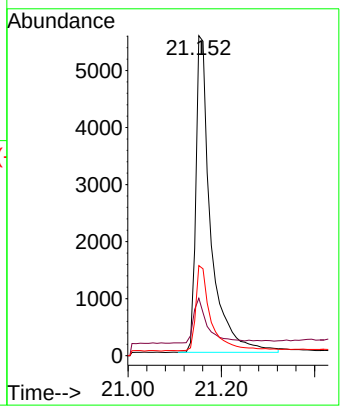


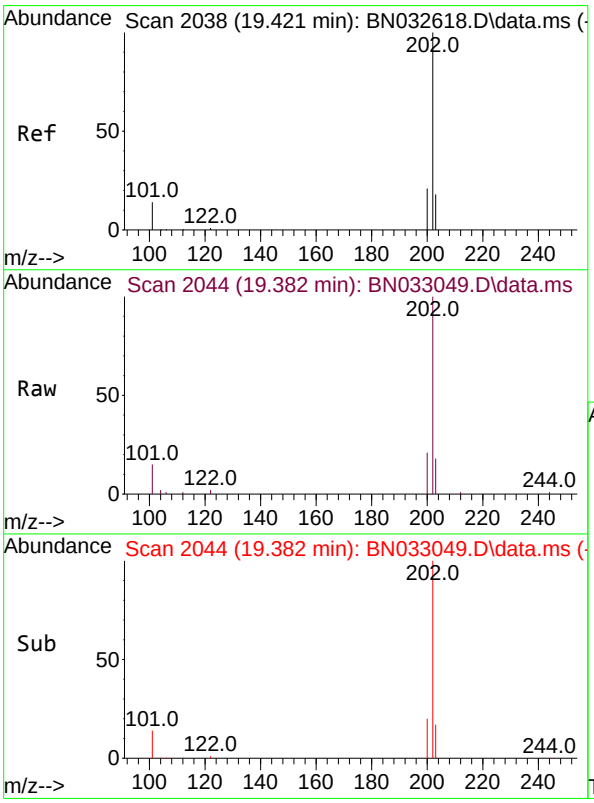
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.152 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:240 Resp: 12376

Ion	Ratio	Lower	Upper
240	100		
120	17.9	14.8	22.2
236	28.1	23.3	34.9

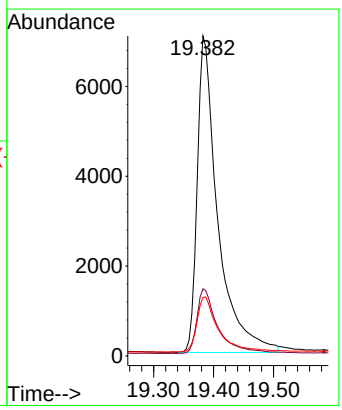


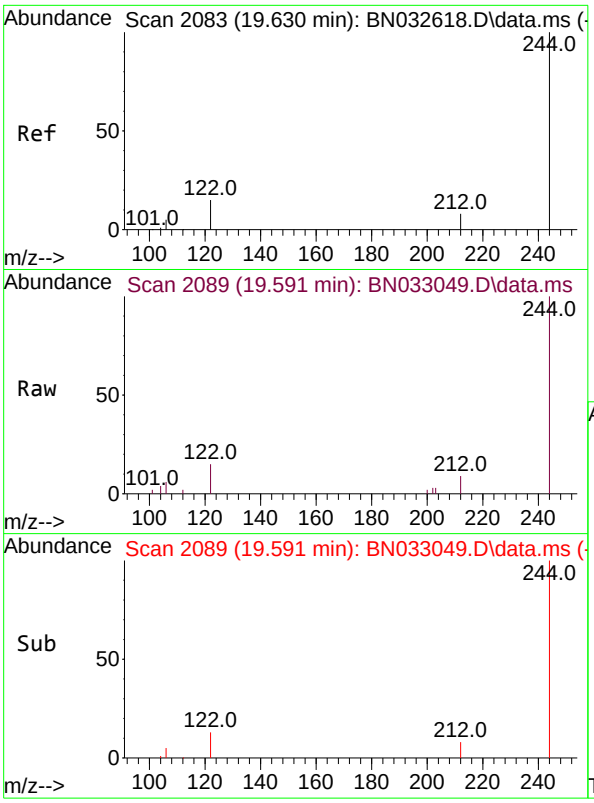


#30
Pyrene
Concen: 0.331 ng
RT: 19.382 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:202 Resp: 16736

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.1	14.8	22.2



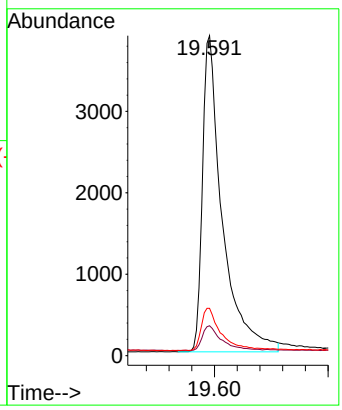


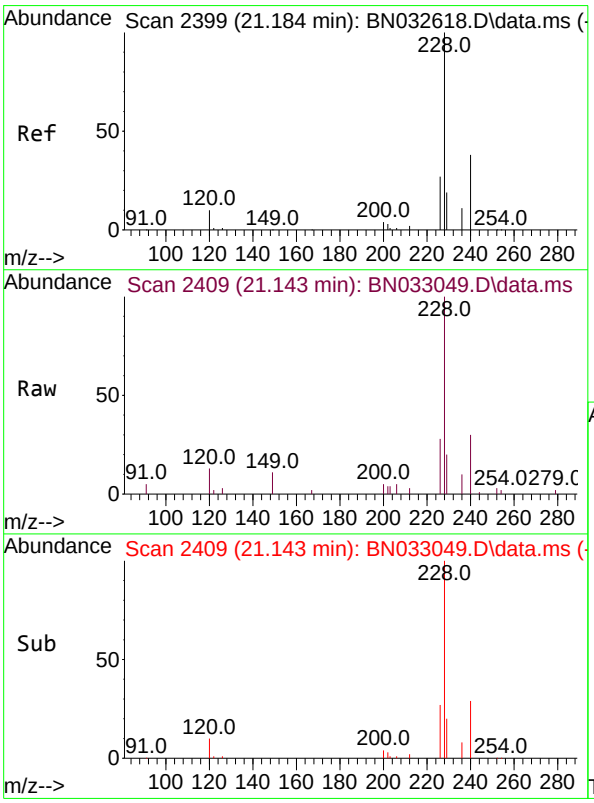
#31
Terphenyl-d14
Concen: 0.371 ng
RT: 19.591 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:244 Resp: 9410

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.5	11.3
122	14.8	12.6	19.0

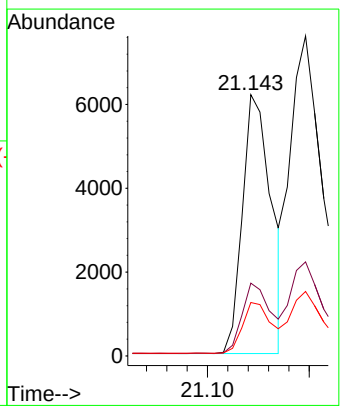


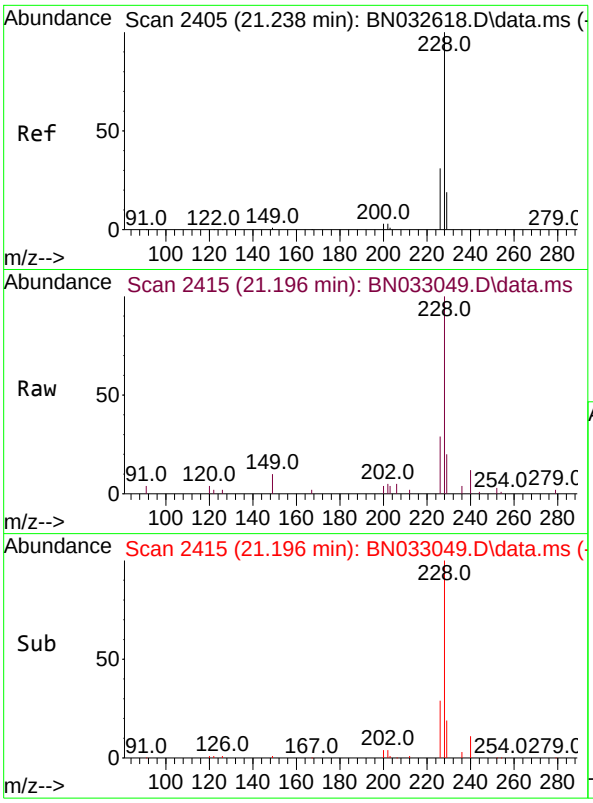


#32
Benzo(a)anthracene
Concen: 0.311 ng
RT: 21.143 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:228 Resp: 12153

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.5	16.0	24.0



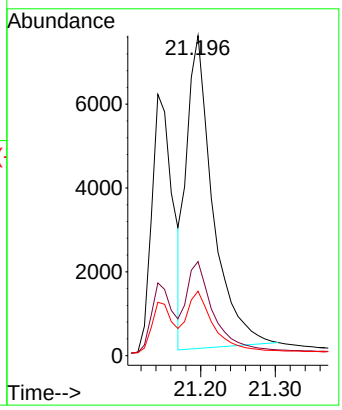


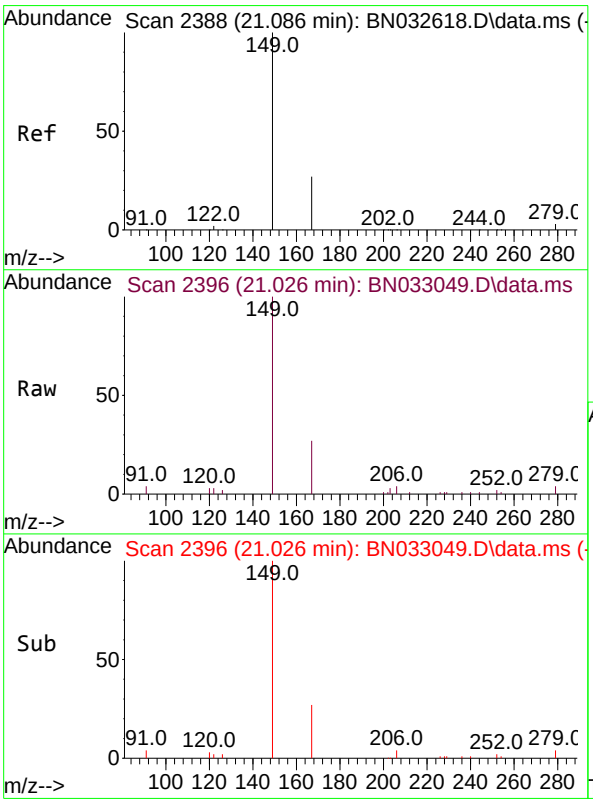
#33
Chrysene
Concen: 0.391 ng
RT: 21.196 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:228 Resp: 18178

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	20.1	16.0	24.0

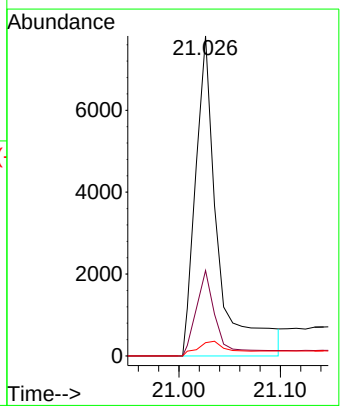


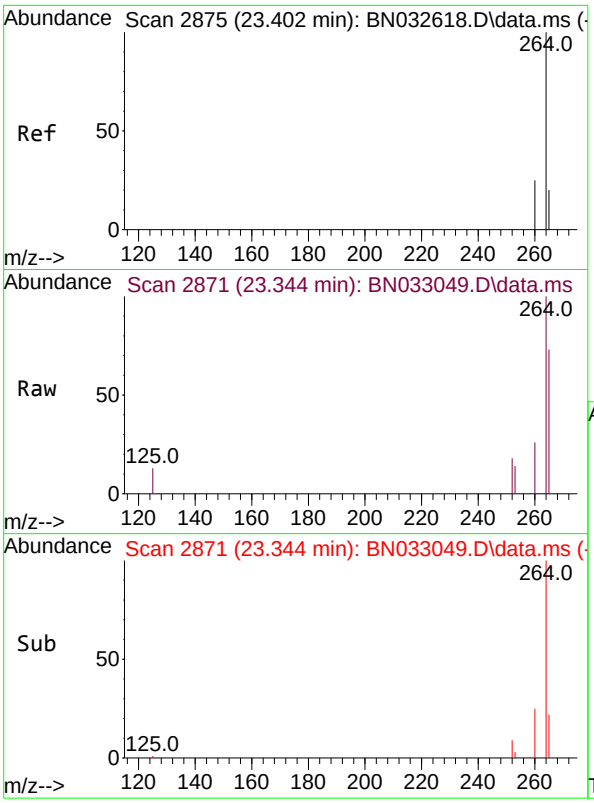


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.520 ng
RT: 21.026 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:149 Resp: 11268

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.2
279	6.5	2.8	4.2#



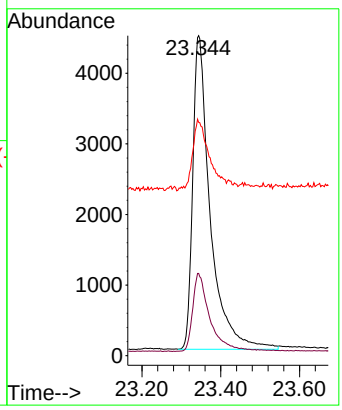


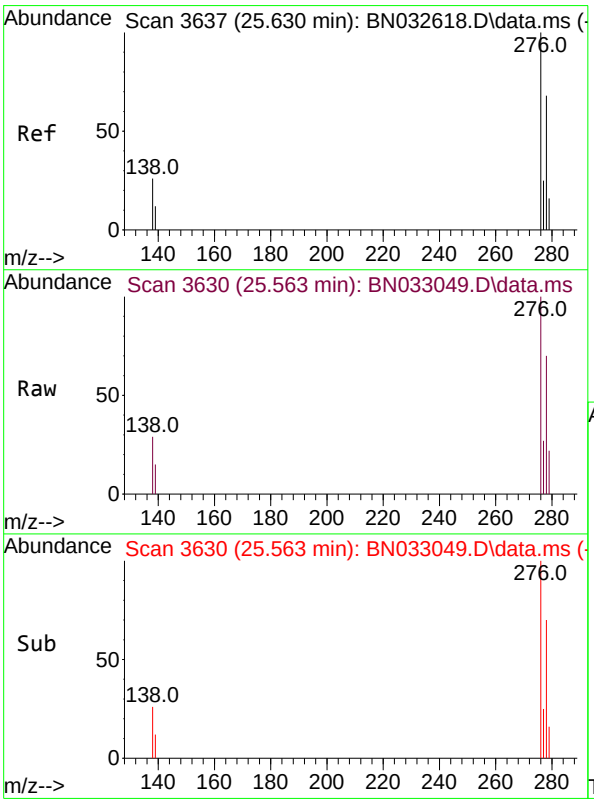
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.344 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:264 Resp: 13656

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.9	31.3
265	72.9	85.4	128.2#

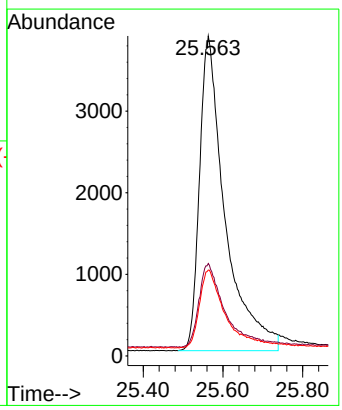


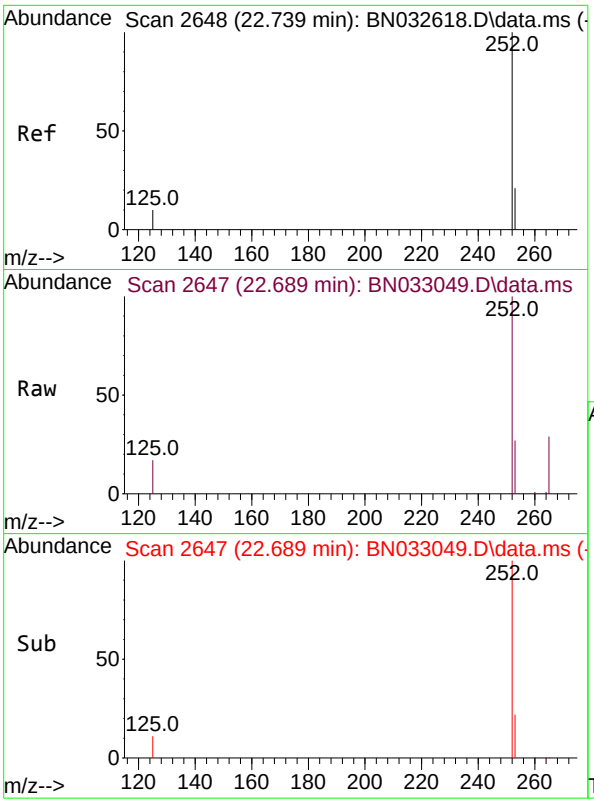


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng
RT: 25.563 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:276 Resp: 17128

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.4
277	25.2	19.5	29.3



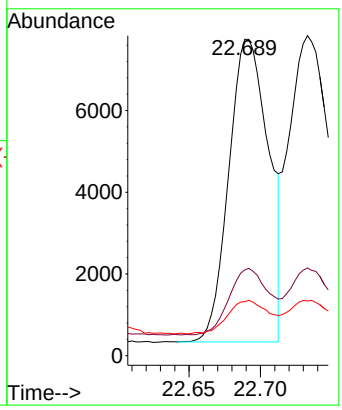


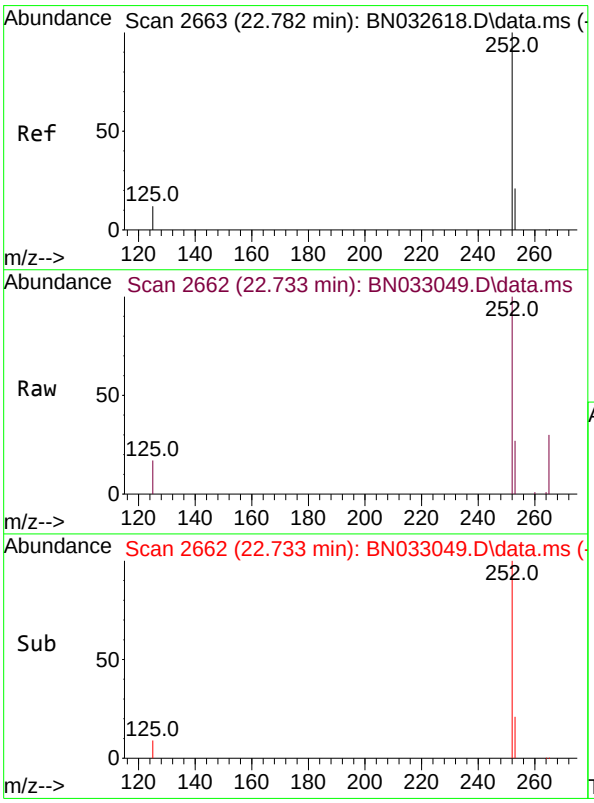
#37
Benzo(b)fluoranthene
Concen: 0.302 ng
RT: 22.689 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:252 Resp: 14361

Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.3	33.5
125	17.1	15.4	23.2

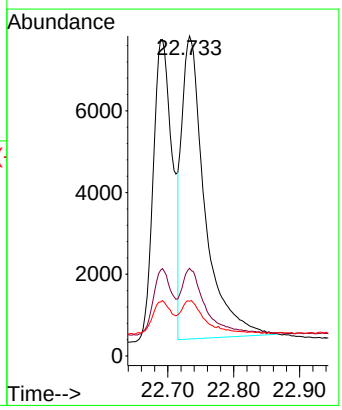


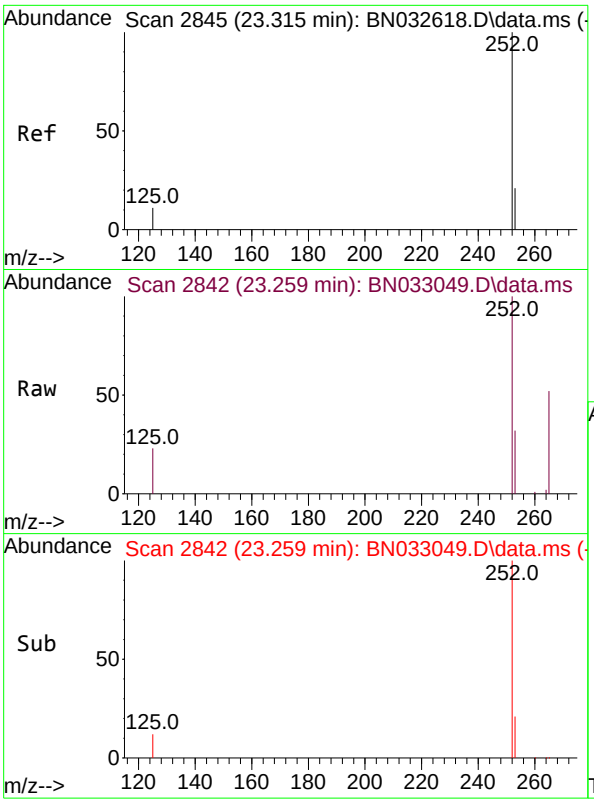


#38
Benzo(k)fluoranthene
Concen: 0.332 ng
RT: 22.733 min Scan# 2662
Delta R.T. -0.012 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:252 Resp: 18029

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.6	34.0
125	17.1	16.2	24.4



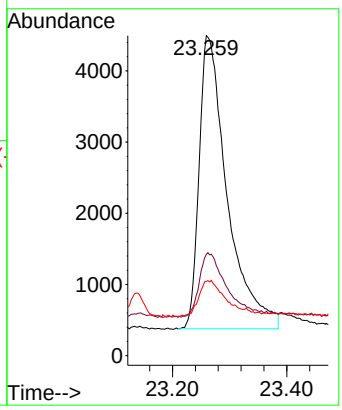


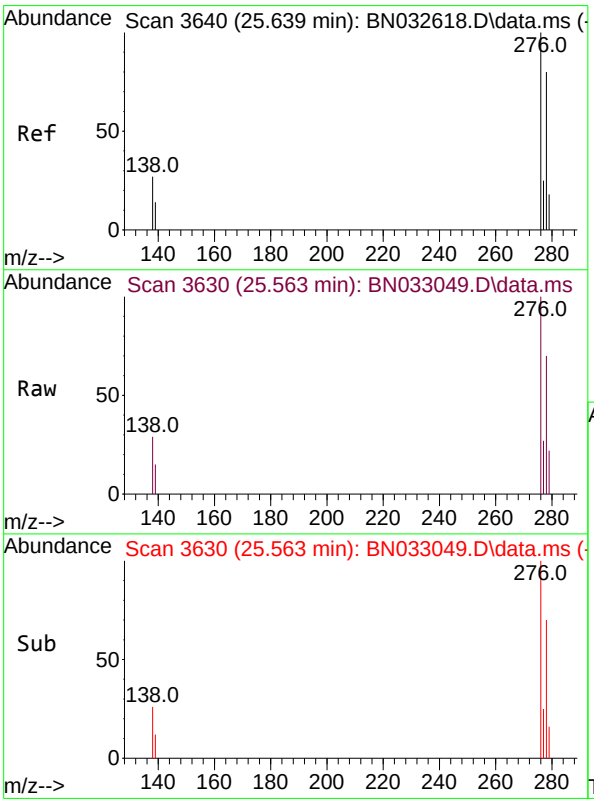
#39
Benzo(a)pyrene
Concen: 0.327 ng
RT: 23.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:252 Resp: 14046

Ion	Ratio	Lower	Upper
252	100		
253	31.6	25.8	38.8
125	23.2	21.4	32.2

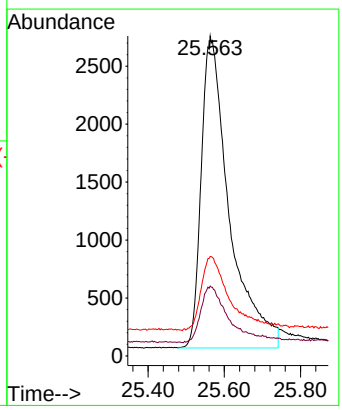


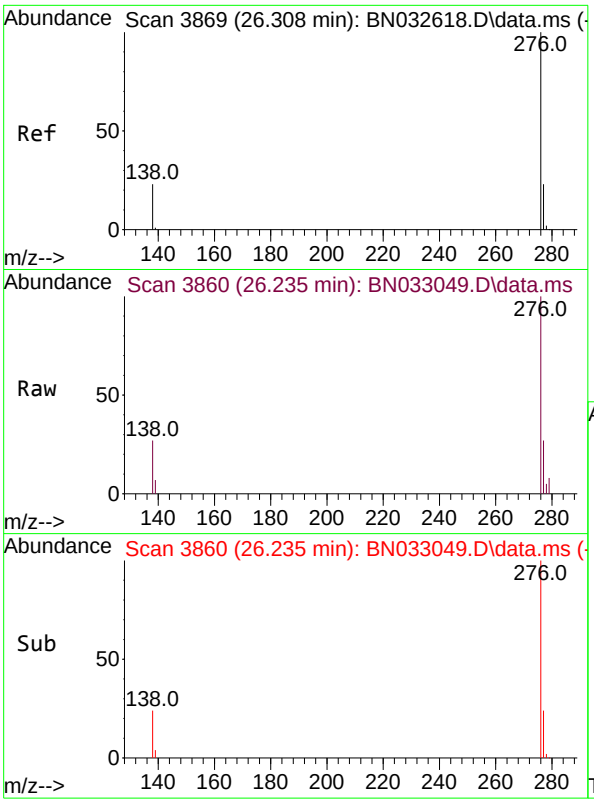


#40
Dibenzo(a,h)anthracene
Concen: 0.323 ng
RT: 25.563 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Tgt Ion:278 Resp: 13737

Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.7	25.1
279	31.1	24.3	36.5





#41
Benzo(g,h,i)perylene
Concen: 0.324 ng
RT: 26.235 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN033049.D
Acq: 28 Jul 2024 01:04

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Tgt Ion:276 Resp: 15241

Ion	Ratio	Lower	Upper
276	100		
277	26.6	20.2	30.2
138	27.3	20.5	30.7