Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029450.D
Acq On : 31 Jan 2024 15:01
Operator : MA/JU
Sample : PB158216BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Quant Time: Feb 01 01:39:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	4123	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	10600	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4627	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8387	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5037	0.400	ng	0.00
35) Perylene-d12	23.873	264	4936	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	4034	0.407	ng	0.00
5) Phenol-d6	7.067	99	4257	0.373	ng	0.00
8) Nitrobenzene-d5	9.067	82	3074	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	5787	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	339	0.228	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	7307	0.368	ng	-0.01
27) Fluoranthene-d10	19.322	212	7936	0.391	ng	0.00
31) Terphenyl-d14	19.931	244	5044	0.403	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.723	42	69	0.015	ng	# 1
6) bis(2-Chloroethyl)ether	7.320	93	18	0.002	ng	# 43
9) Naphthalene	10.744	128	25	0.001	ng	# 1
10) Hexachlorobutadiene	10.989	225	1	0.000	ng	# 18
12) 2-Methylnaphthalene	12.359	142	4	0.000	ng	# 40
16) Acenaphthylene	14.265	152	12	0.001	ng	# 15
17) Acenaphthene	14.597	154	7	0.000	ng	# 2
18) Fluorene	15.555	166	5	0.000	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.605	198	5	0.004	ng	# 1
21) 4-Bromophenyl-phenylether	16.498	248	2	0.000	ng	# 85
22) Hexachlorobenzene	16.523	284	14	0.002	ng	# 33
23) Atrazine	16.759	200	2	0.001	ng	# 2
24) Pentachlorophenol	16.945	266	22	0.011	ng	# 47
25) Phenanthrene	17.330	178	51	0.002	ng	# 76
26) Anthracene	17.429	178	12	0.001	ng	# 61
28) Fluoranthene	19.354	202	18	0.001	ng	# 76
30) Pyrene	19.721	202	20	0.001	ng	# 64
32) Benzo(a)anthracene	21.483	228	25	0.001	ng	# 1
33) Chrysene	21.617	228	14	0.001	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.420	149	523	0.045	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.332	276	1	0.000	ng	# 1
37) Benzo(b)fluoranthene	23.142	252	7	0.000	ng	# 1
38) Benzo(k)fluoranthene	23.189	252	7	0.000	ng	# 1
39) Benzo(a)pyrene	23.768	252	5	0.000	ng	# 1
40) Dibenzo(a,h)anthracene	26.379	278	2	0.000	ng	# 1
41) Benzo(g,h,i)perylene	27.095	276	1	0.000	ng	# 1

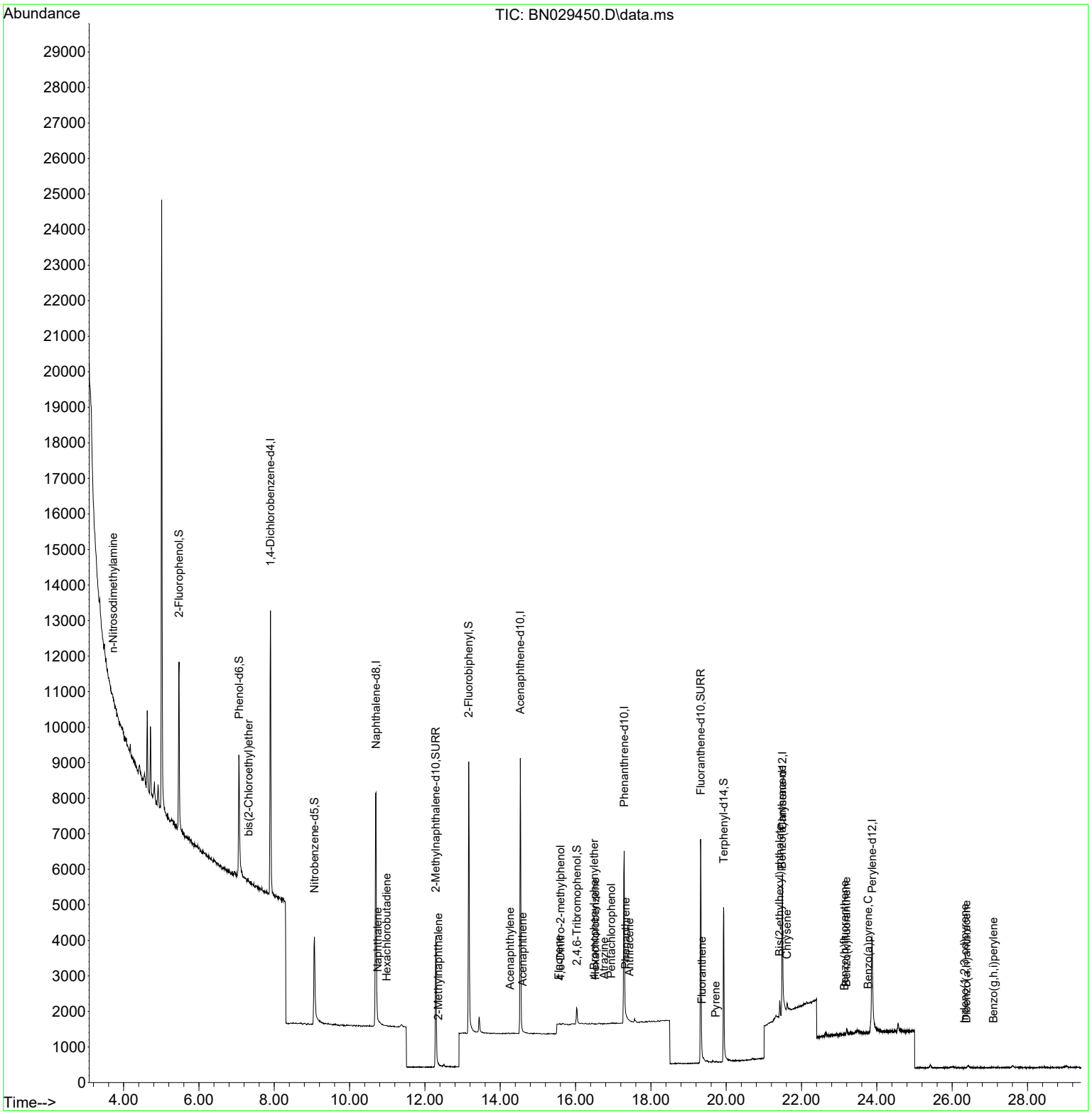
(#) = qualifier out of range (m) = manual integration (+) = signals summed

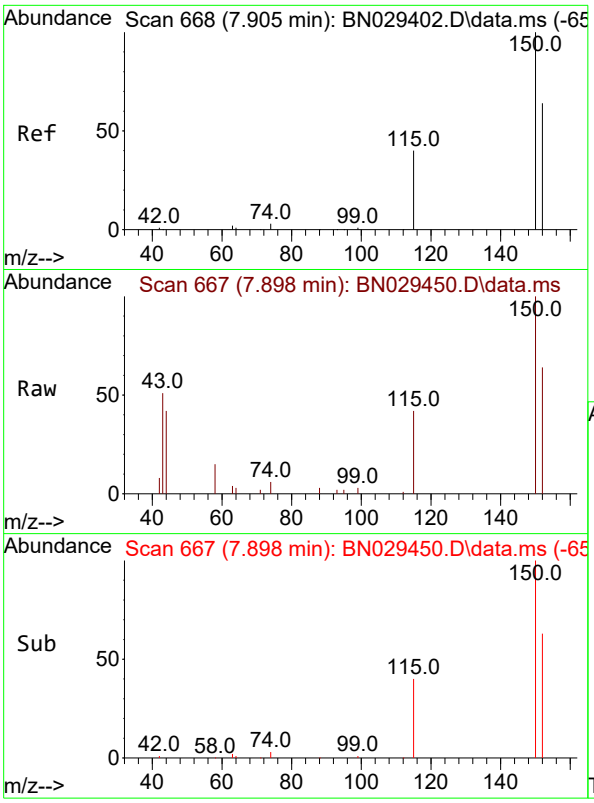
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029450.D
Acq On : 31 Jan 2024 15:01
Operator : MA/JU
Sample : PB158216BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Quant Time: Feb 01 01:39:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration



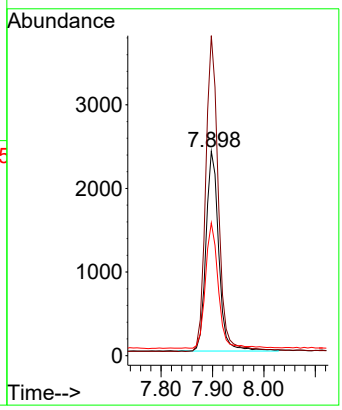


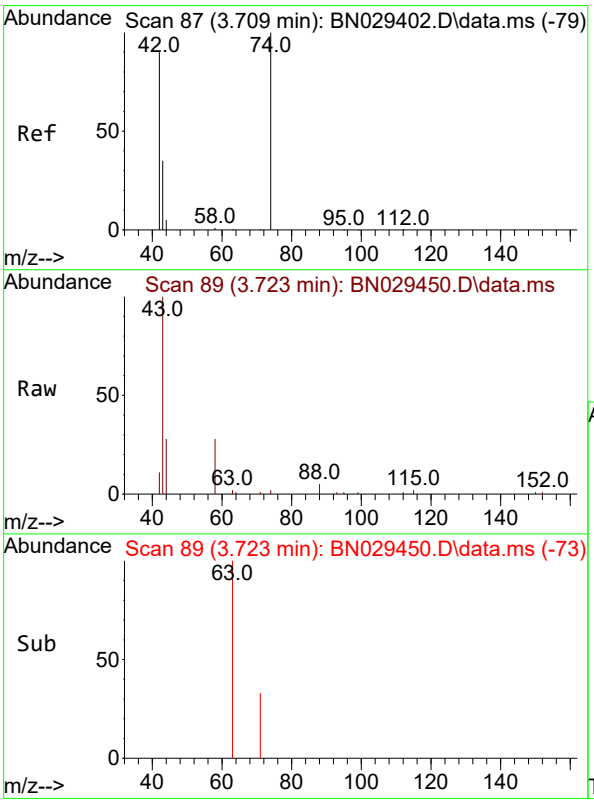
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:152 Resp: 4123

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	65.0	51.4	77.0

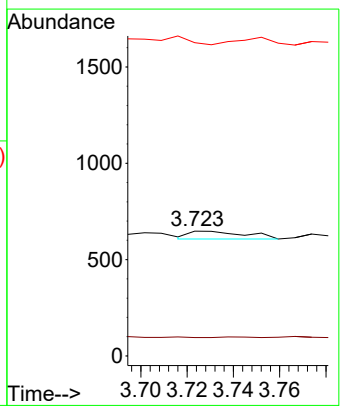


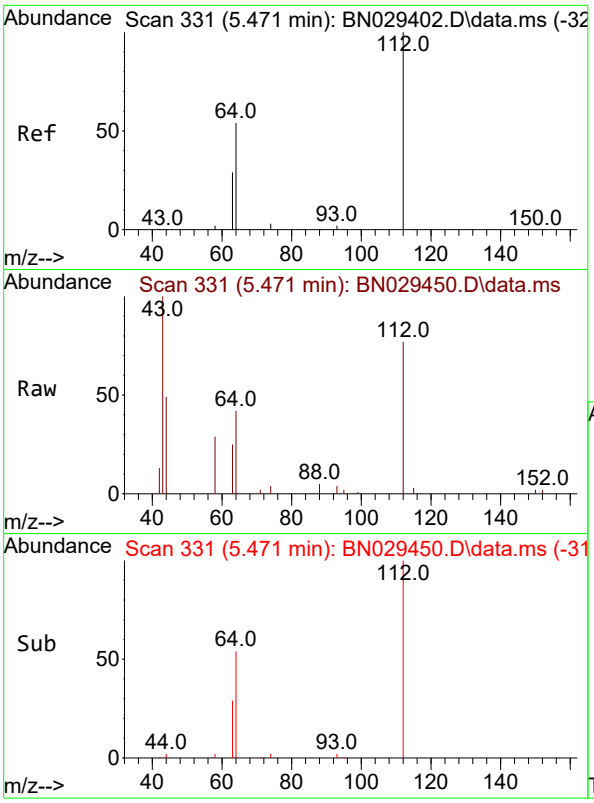


#3
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.014 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion: 42 Resp: 69

Ion	Ratio	Lower	Upper
42	100		
74	0.0	93.7	140.5#
44	129.0	13.0	19.4#



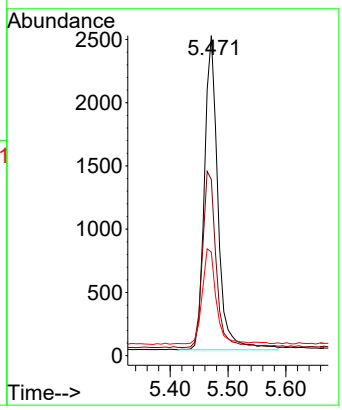


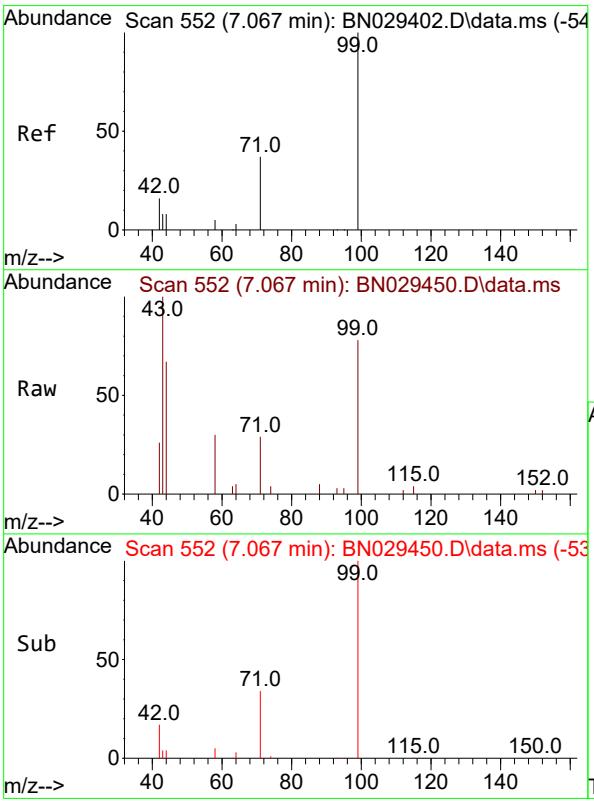
#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.471 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:112 Resp: 4034

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.2	70.8
63	30.5	25.8	38.6

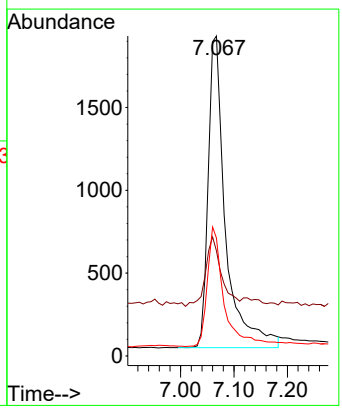


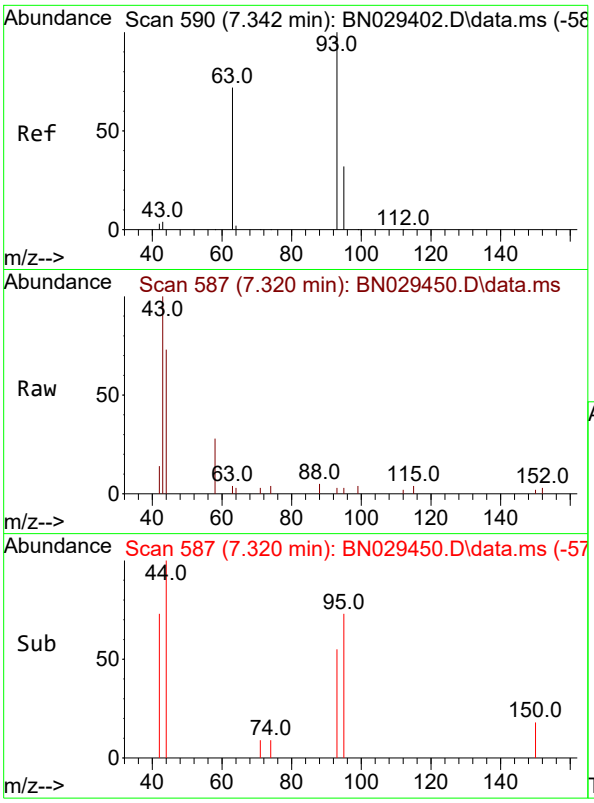


#5
Phenol-d6
Concen: 0.373 ng
RT: 7.067 min Scan# 552
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion: 99 Resp: 4257

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.9	25.3
71	37.5	30.0	45.0



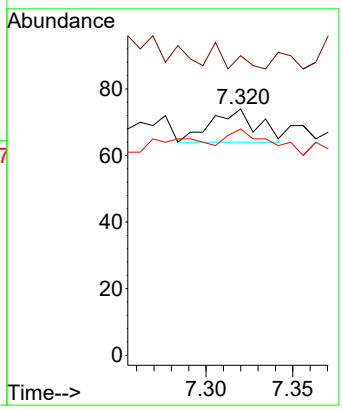


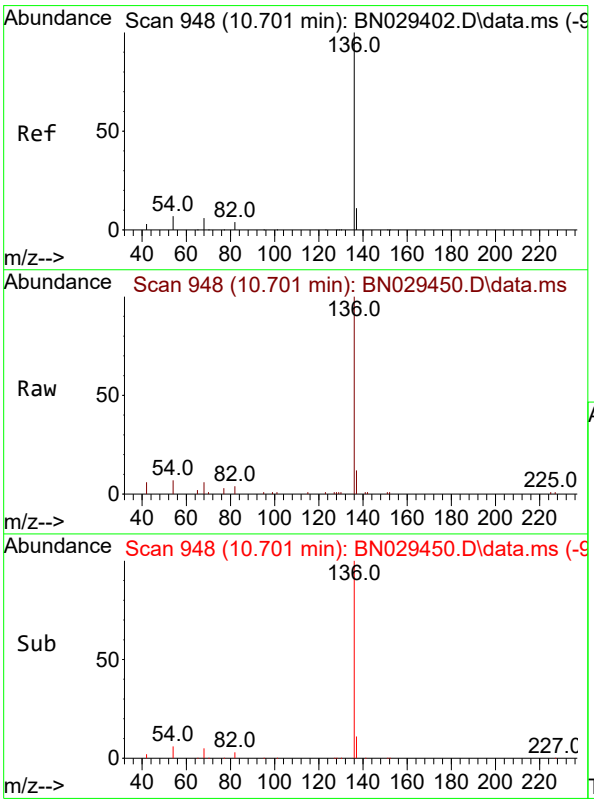
#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.320 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion: 93 Resp: 18

Ion	Ratio	Lower	Upper
93	100		
63	33.3	63.1	94.7#
95	72.2	27.1	40.7#

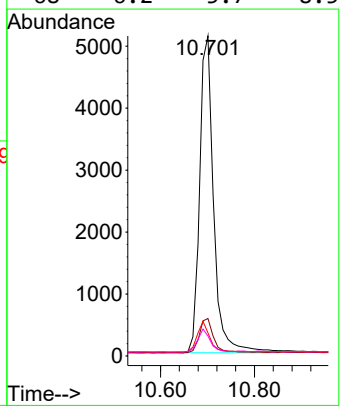


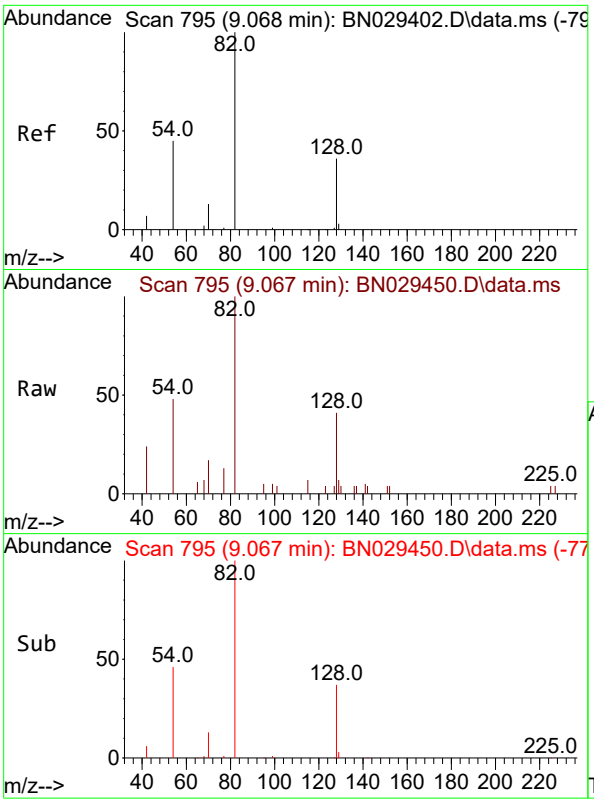


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:136 Resp: 10600

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	7.2	6.6	10.0
68	6.2	5.7	8.5



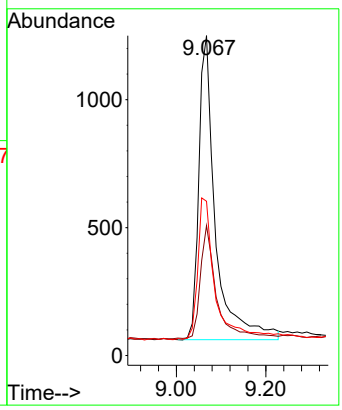


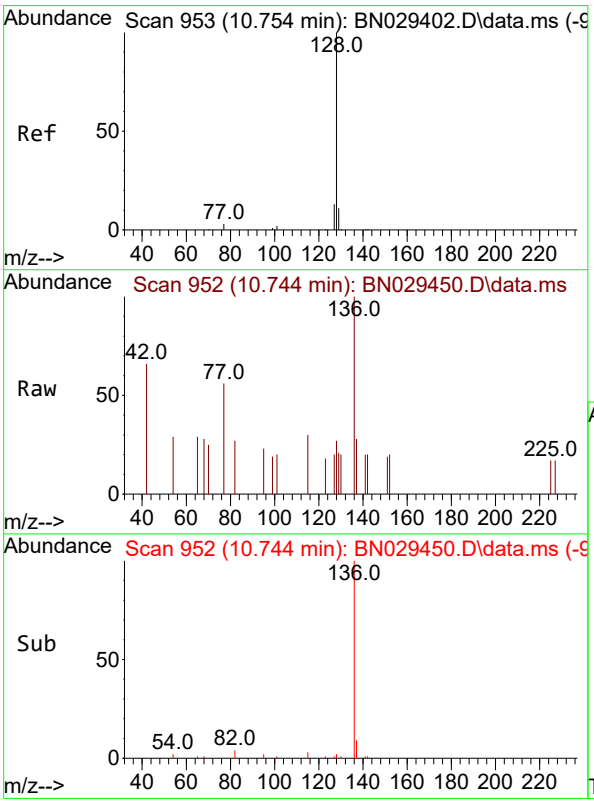
#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 9.067 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion: 82 Resp: 3074

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.6	47.4
54	48.2	38.2	57.4

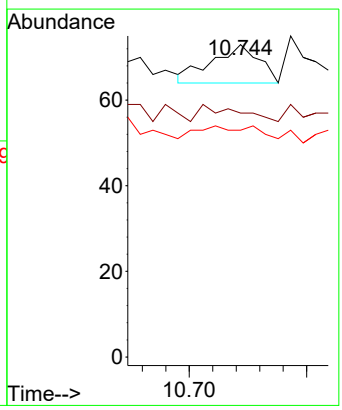


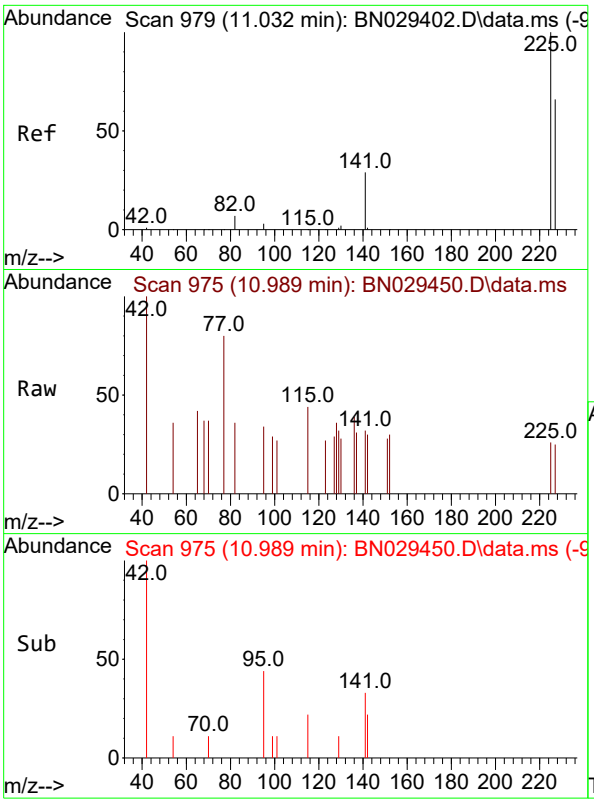


#9
Naphthalene
Concen: 0.001 ng
RT: 10.744 min Scan# 952
Delta R.T. -0.011 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:128 Resp: 25

Ion	Ratio	Lower	Upper
128	100		
129	78.1	9.5	14.3#
127	72.6	10.8	16.2#



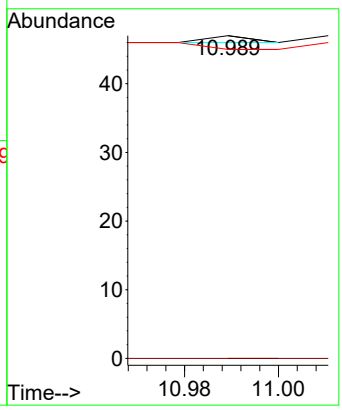


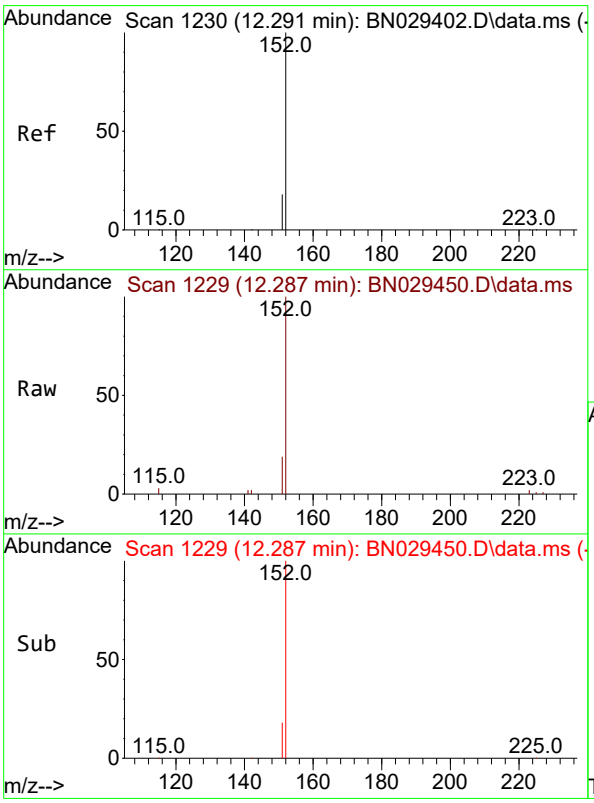
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.989 min Scan# 9
Delta R.T. -0.043 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	51.1	76.7#

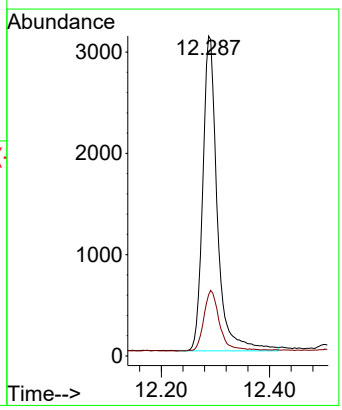


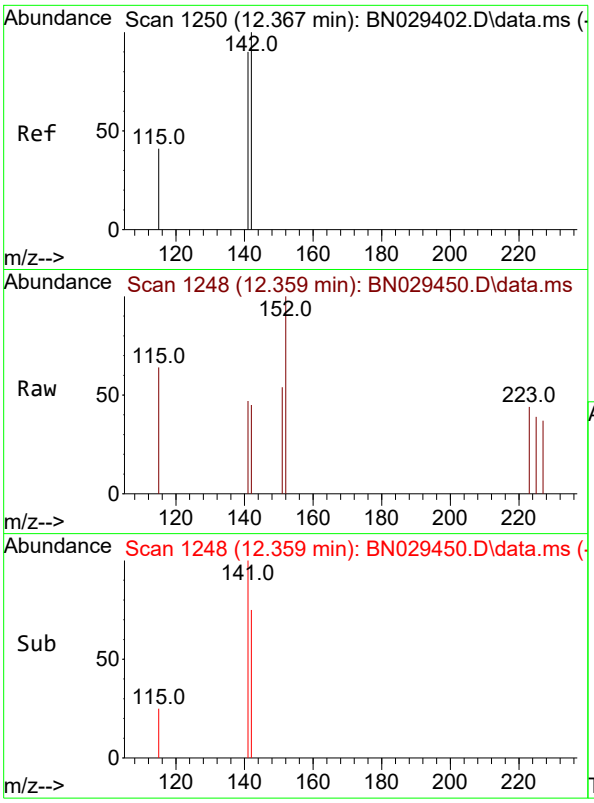


#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.287 min Scan# 1229
Delta R.T. -0.004 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:152 Resp: 5787

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7



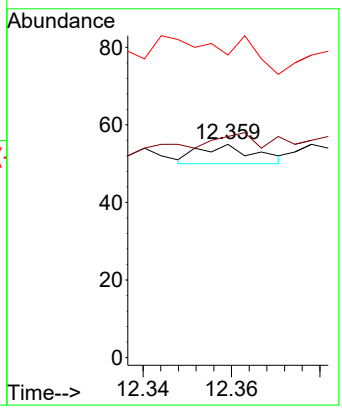


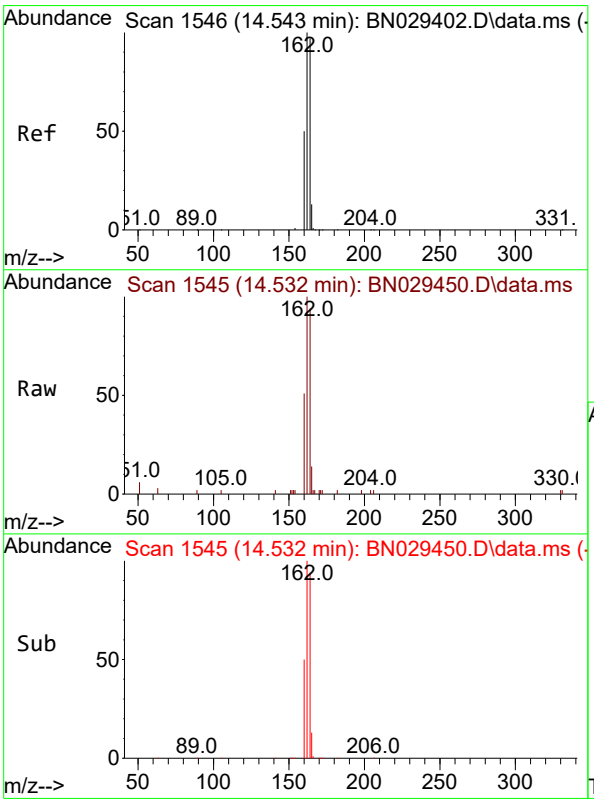
#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.359 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:142 Resp: 4

Ion	Ratio	Lower	Upper
142	100		
141	103.6	71.9	107.9
115	141.8	33.9	50.9#

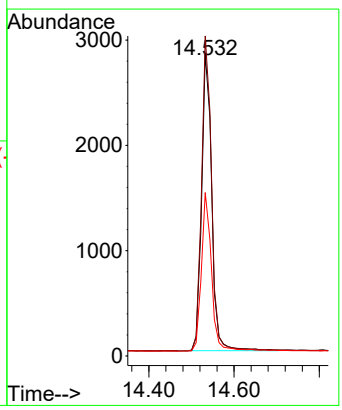


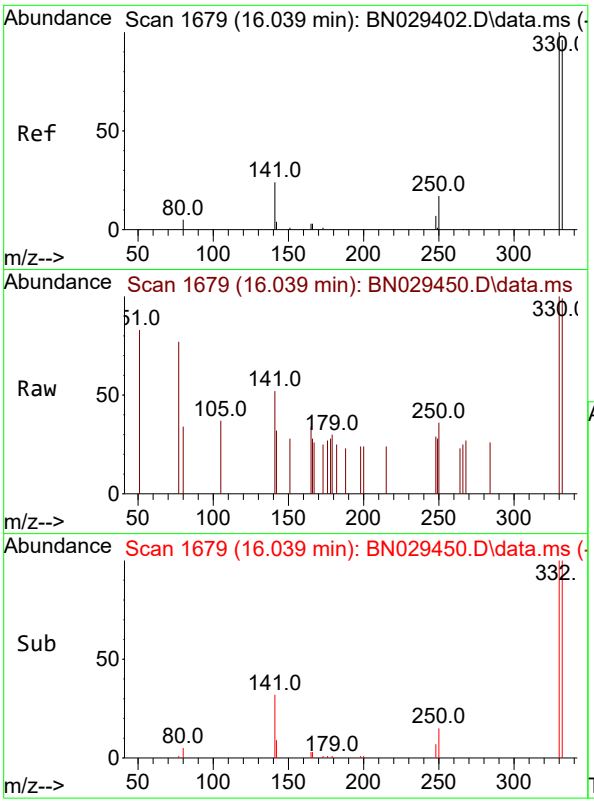


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1545
Delta R.T. -0.011 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:164 Resp: 4627

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	54.1	41.5	62.3



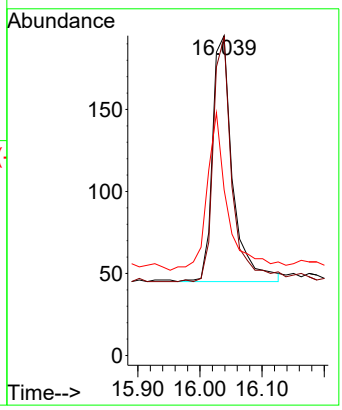


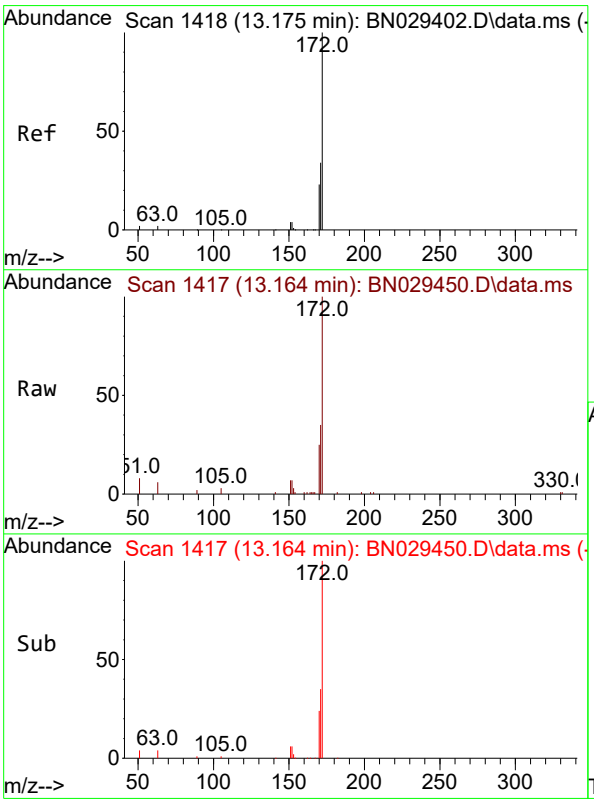
#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 16.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:330 Resp: 339

Ion	Ratio	Lower	Upper
330	100		
332	91.7	76.0	114.0
141	64.0	43.4	65.2

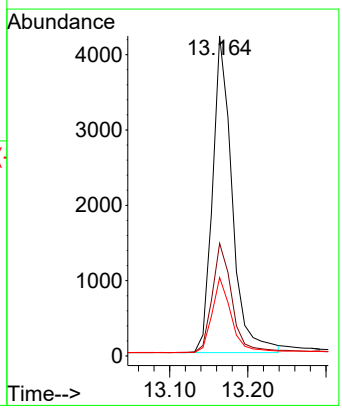


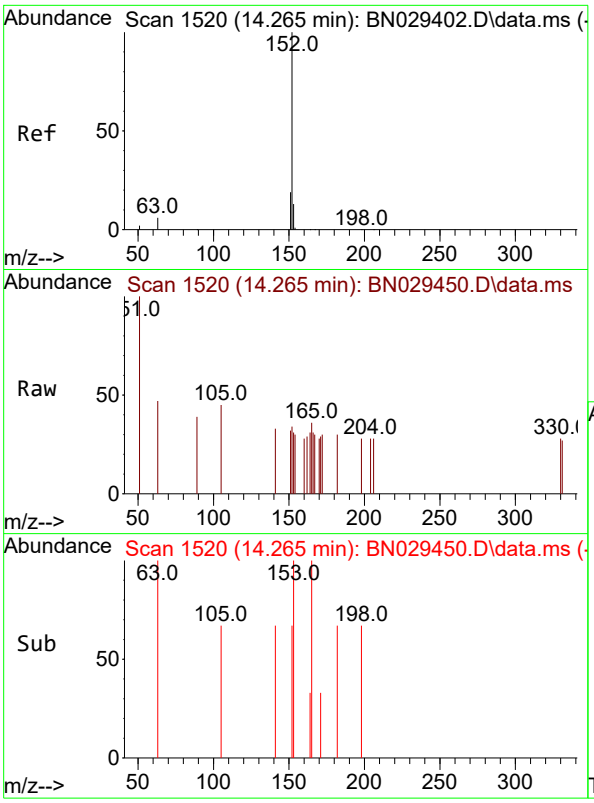


#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:172 Resp: 7307

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	24.5	18.7	28.1





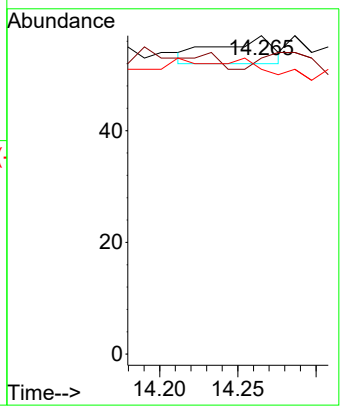
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.265 min Scan# 1

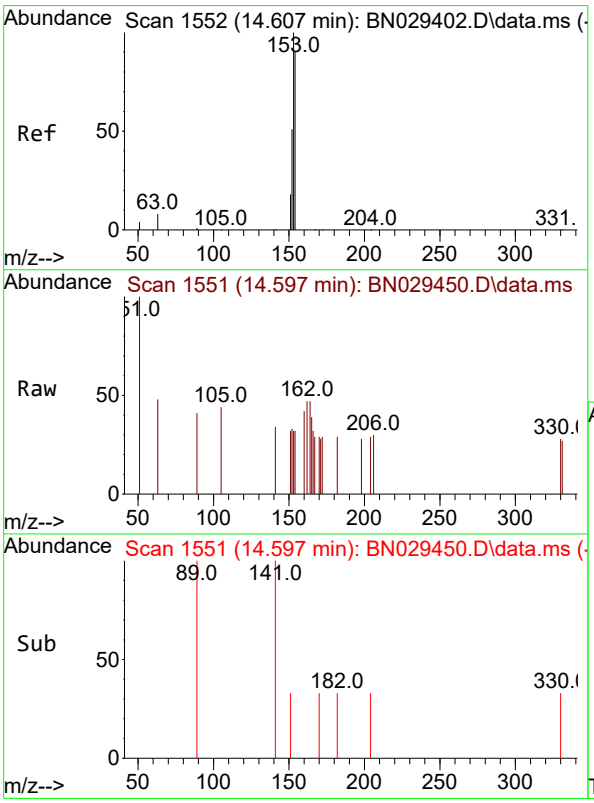
Instrument :
BNA_N
ClientSampleId :
PB158216BL

Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:152 Resp: 12

Ion	Ratio	Lower	Upper
152	100		
151	75.0	15.9	23.9#
153	0.0	10.5	15.7#

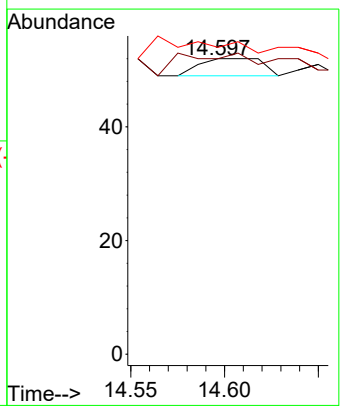


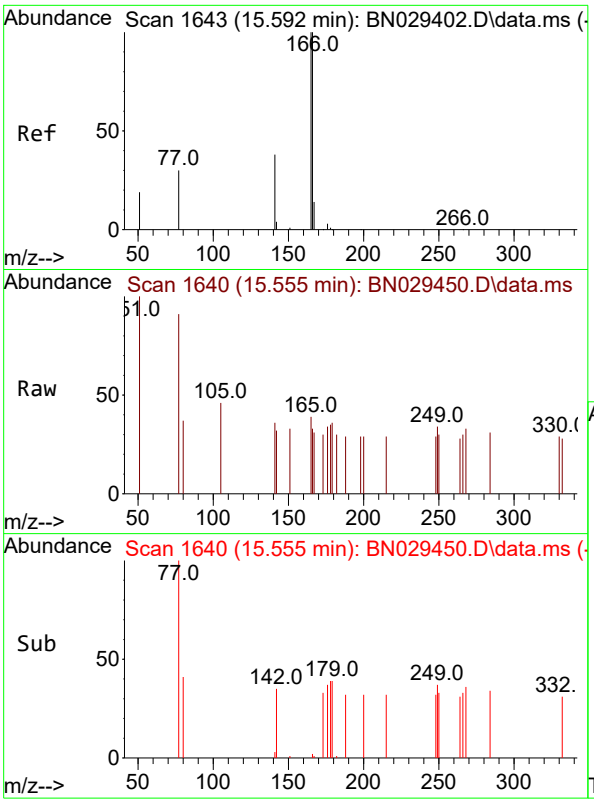


#17
Acenaphthene
Concen: 0.000 ng
RT: 14.597 min Scan# 1551
Delta R.T. -0.011 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:154 Resp: 7

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.6	140.4#
152	0.0	48.6	73.0#



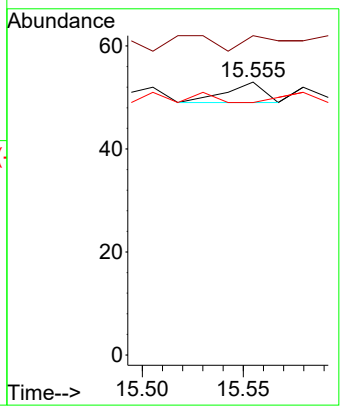


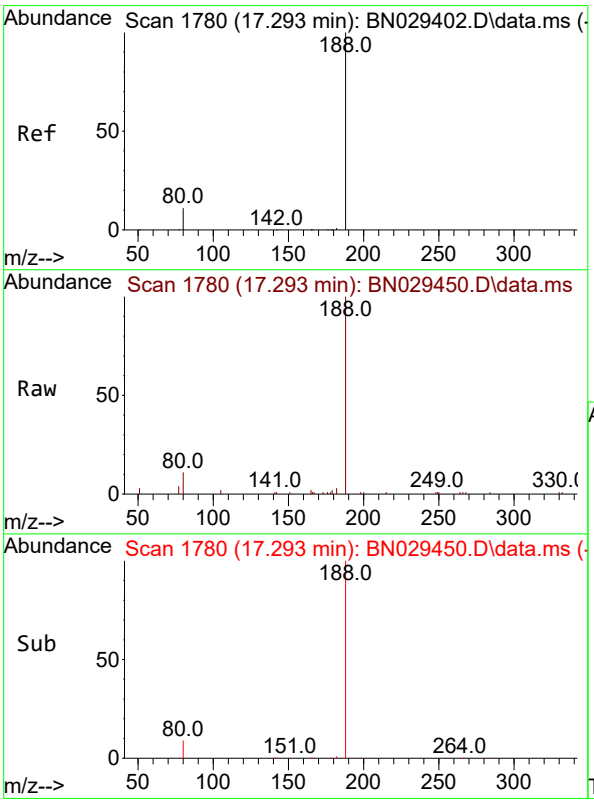
#18
Fluorene
Concen: 0.000 ng
RT: 15.555 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:166 Resp: 5

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	0.0	11.3	16.9#

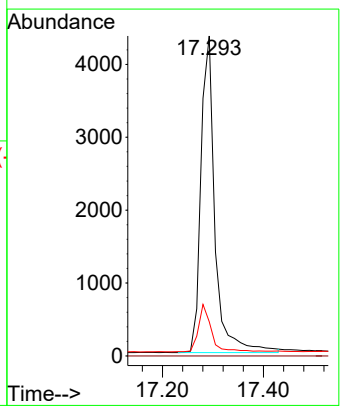


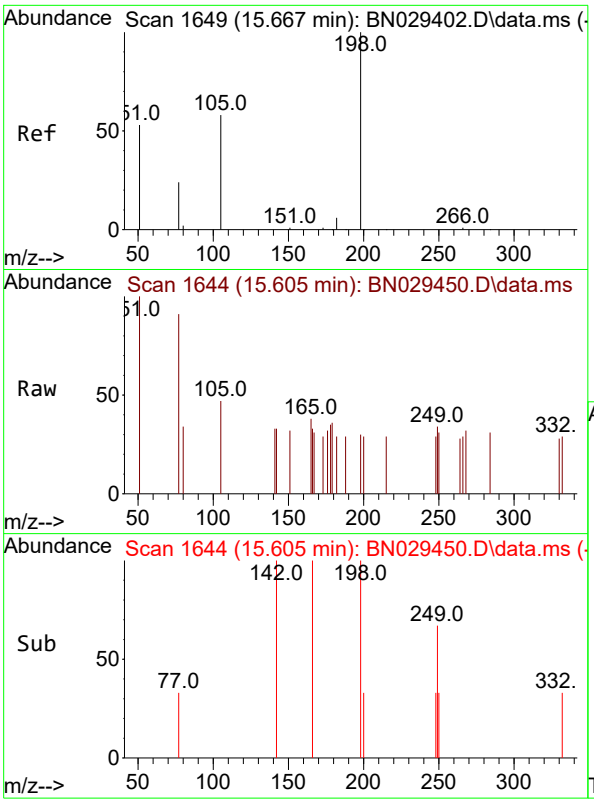


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:188 Resp: 8387

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	10.0	15.0



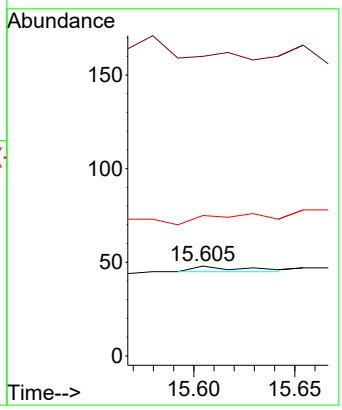


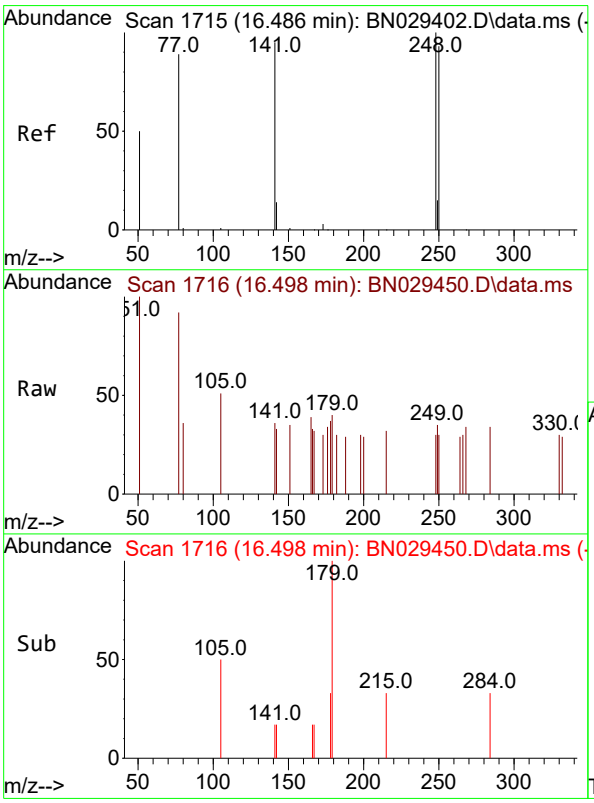
#20
4,6-Dinitro-2-methylphenol
Concen: 0.004 ng
RT: 15.605 min Scan# 1
Delta R.T. -0.062 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	333.3	111.0	166.6#
105	156.3	67.0	100.6#

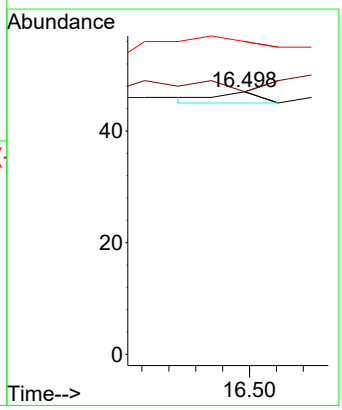


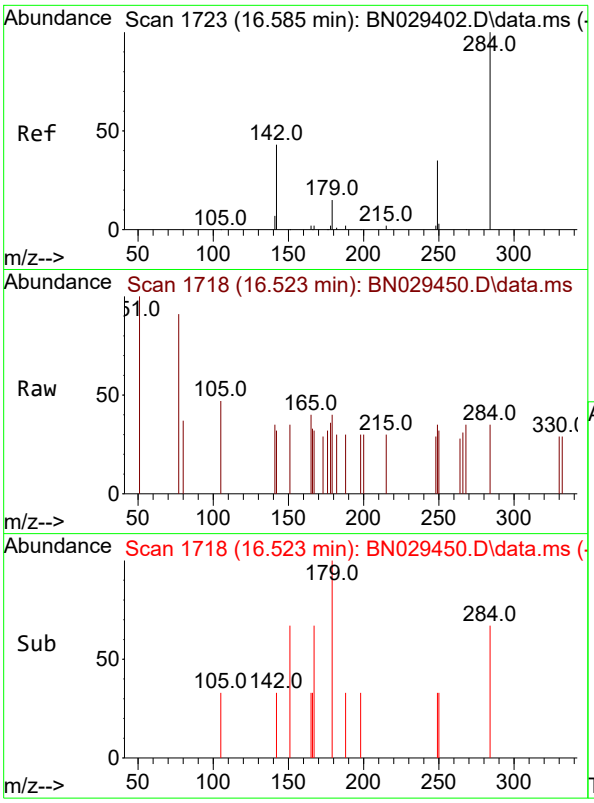


#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.498 min Scan# 1716
Delta R.T. 0.012 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	100.0	75.0	112.4
141	119.1	77.0	115.6#



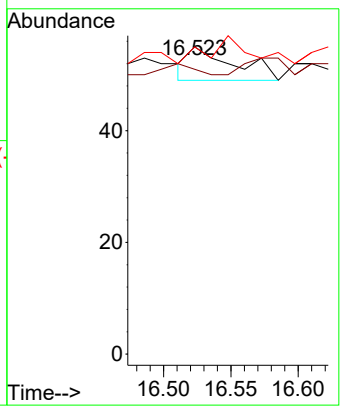


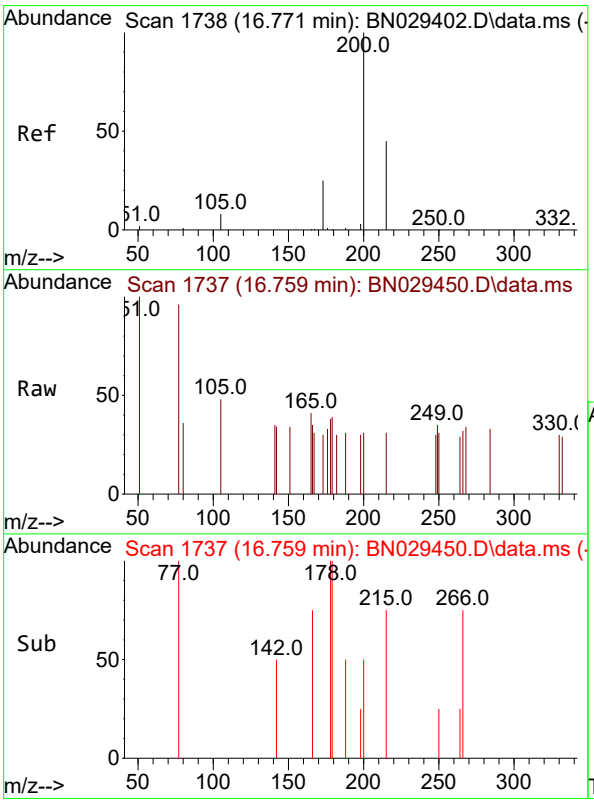
#22
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.523 min Scan# 1
Delta R.T. -0.062 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:284 Resp: 14

Ion	Ratio	Lower	Upper
284	100		
142	0.0	39.4	59.2#
249	0.0	26.9	40.3#

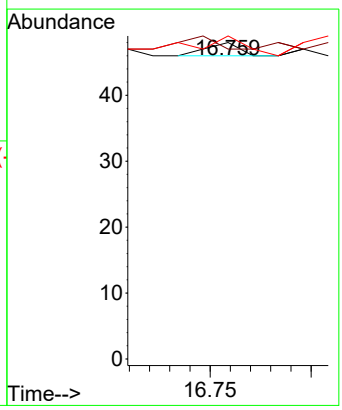


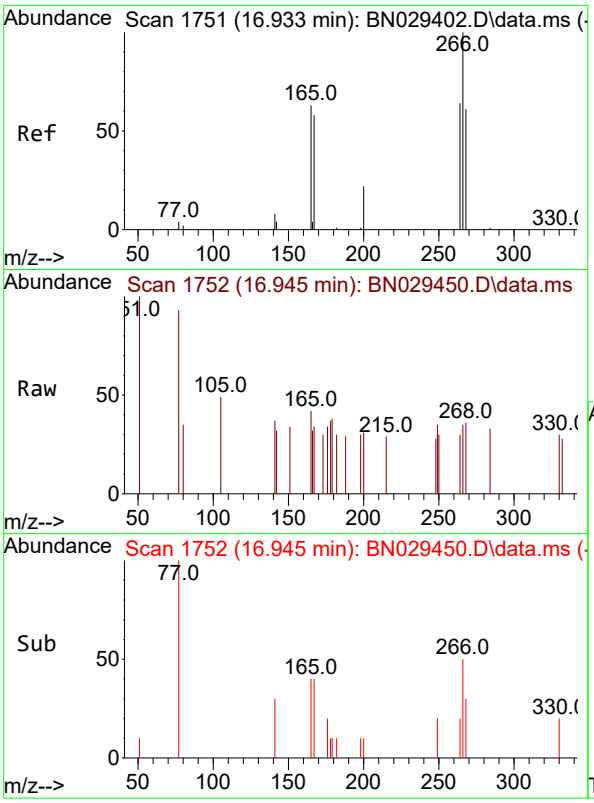


#23
Atrazine
Concen: 0.001 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.013 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:200 Resp: 2

Ion	Ratio	Lower	Upper
200	100		
173	97.9	23.4	35.0#
215	102.1	38.4	57.6#



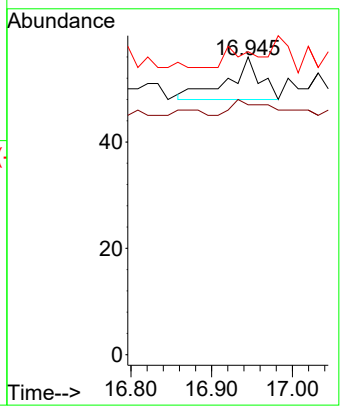


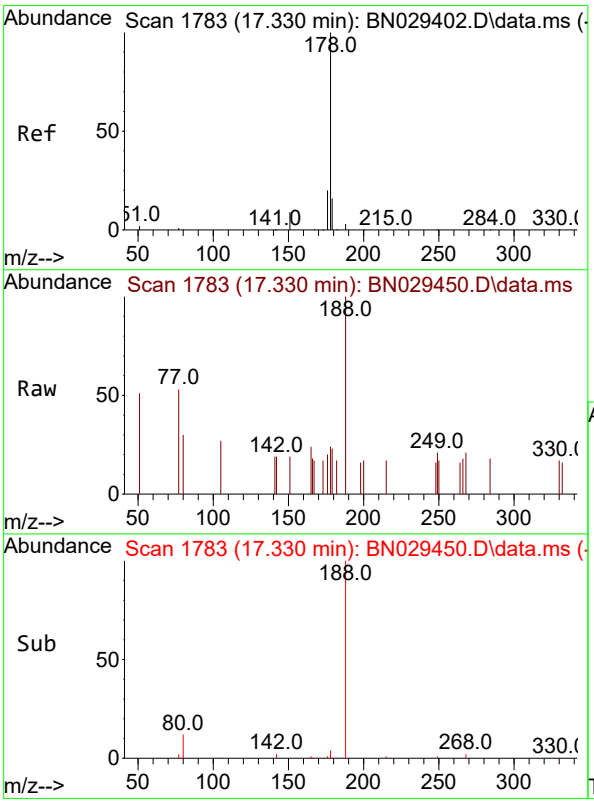
#24
Pentachlorophenol
Concen: 0.011 ng
RT: 16.945 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	45.5	50.8	76.2#
268	0.0	51.5	77.3#

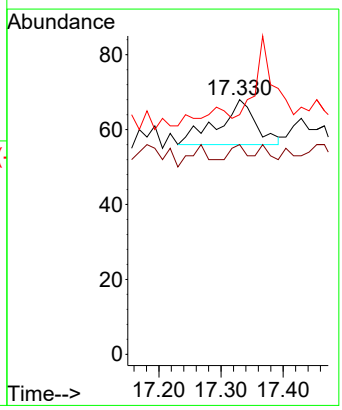


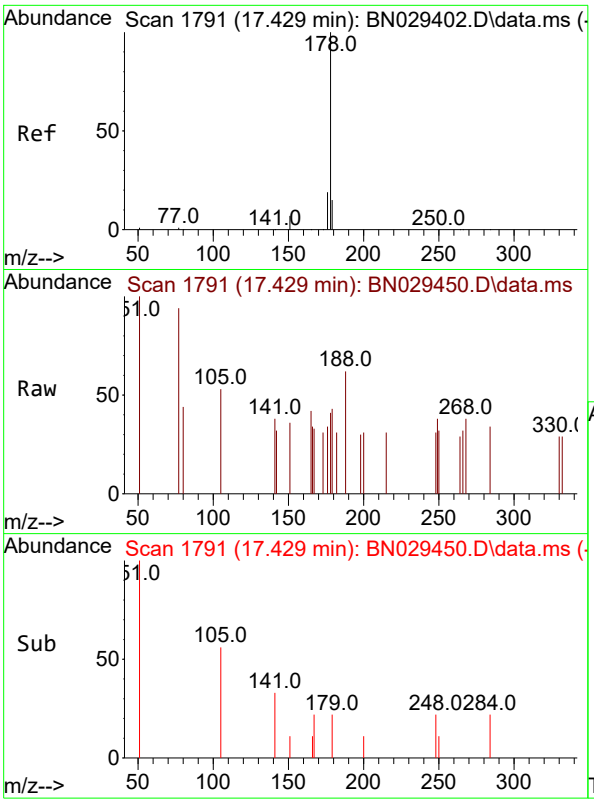


#25
Phenanthrene
Concen: 0.002 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:178 Resp: 51

Ion	Ratio	Lower	Upper
178	100		
176	13.7	15.8	23.6#
179	0.0	12.6	19.0#



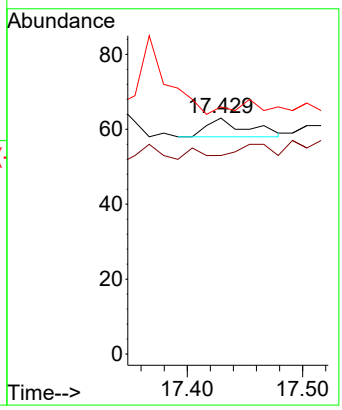


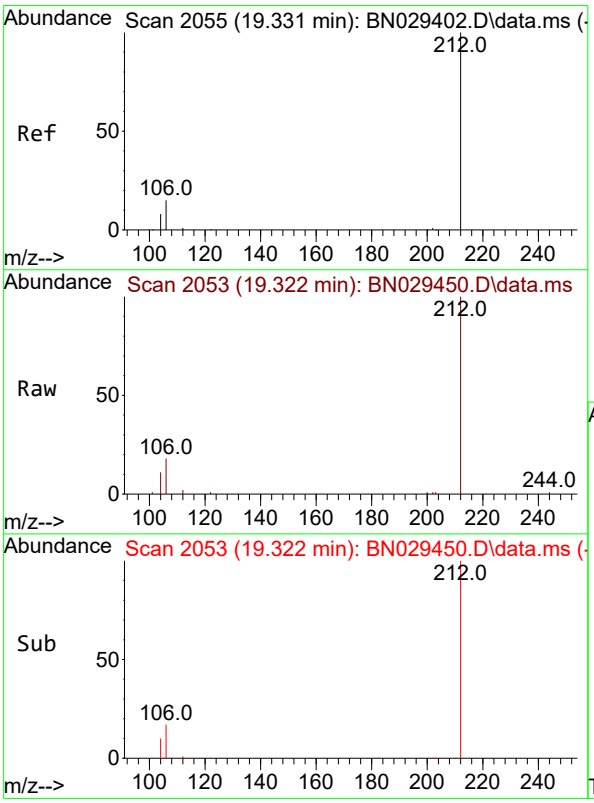
#26
Anthracene
Concen: 0.001 ng
RT: 17.429 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:178 Resp: 12

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.3	18.5#

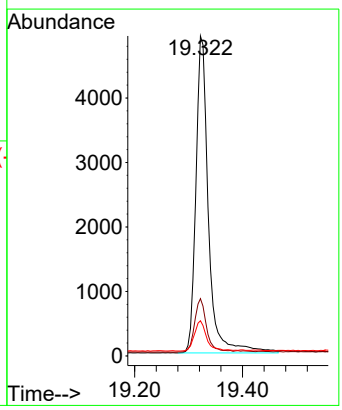


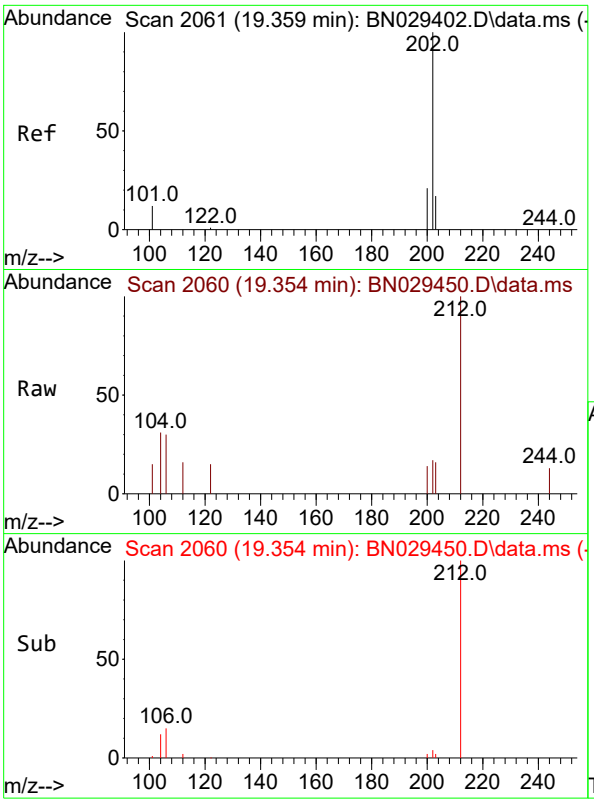


#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.322 min Scan# 2053
Delta R.T. -0.009 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:212 Resp: 7936

Ion	Ratio	Lower	Upper
212	100		
106	16.0	13.2	19.8
104	9.5	7.7	11.5



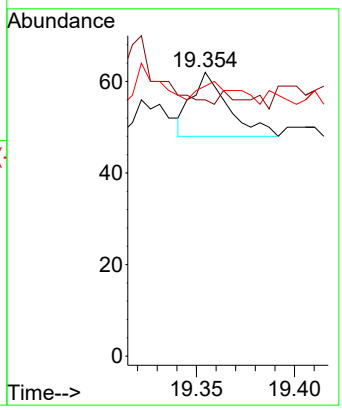


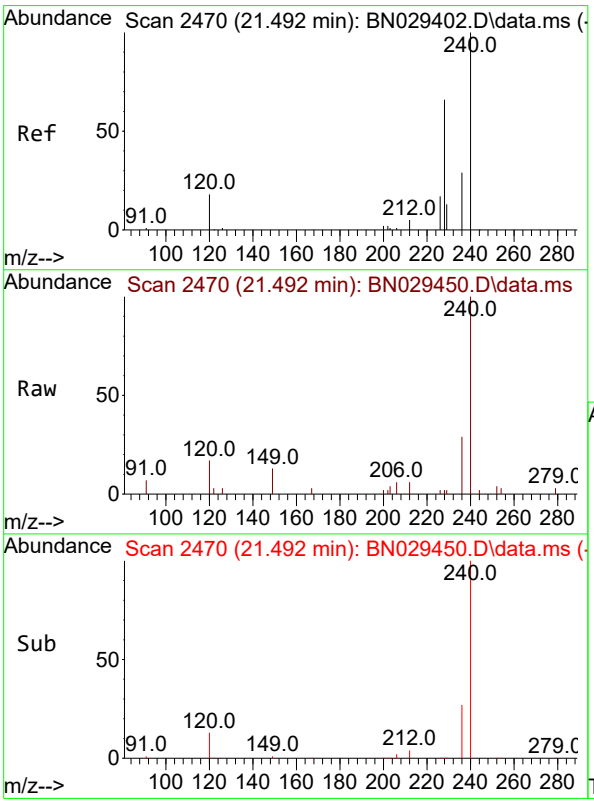
#28
Fluoranthene
Concen: 0.001 ng
RT: 19.354 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:202 Resp: 18

Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.5	15.7
203	33.3	13.5	20.3#

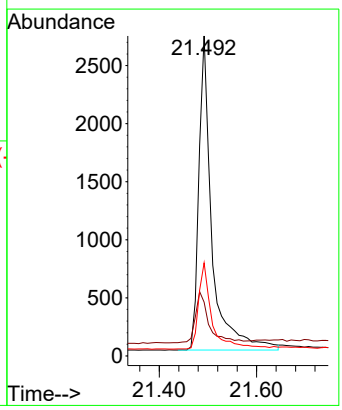


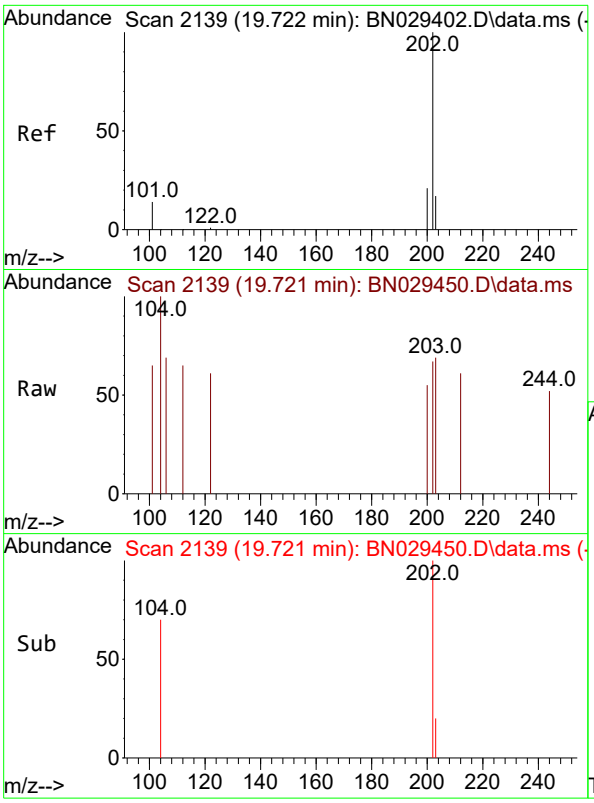


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.492 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:240 Resp: 5037

Ion	Ratio	Lower	Upper
240	100		
120	16.8	16.7	25.1
236	29.1	23.9	35.9



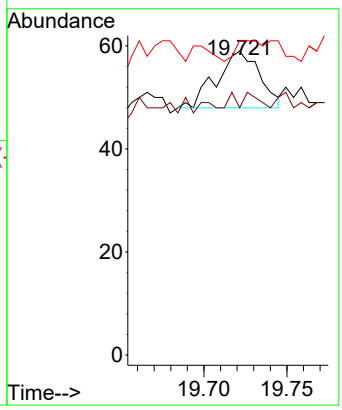


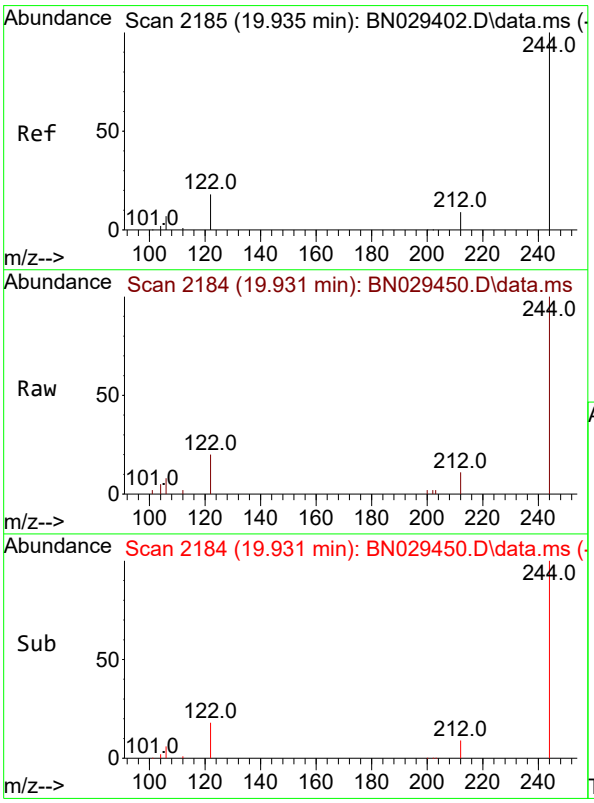
#30
Pyrene
Concen: 0.001 ng
RT: 19.721 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:202 Resp: 20

Ion	Ratio	Lower	Upper
202	100		
200	5.0	16.6	25.0#
203	35.0	14.2	21.4#

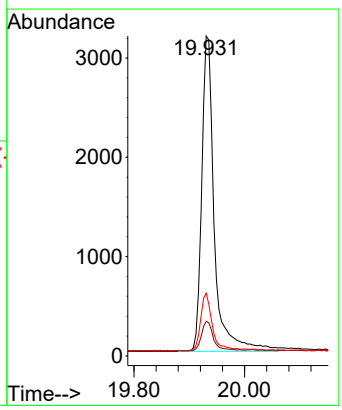


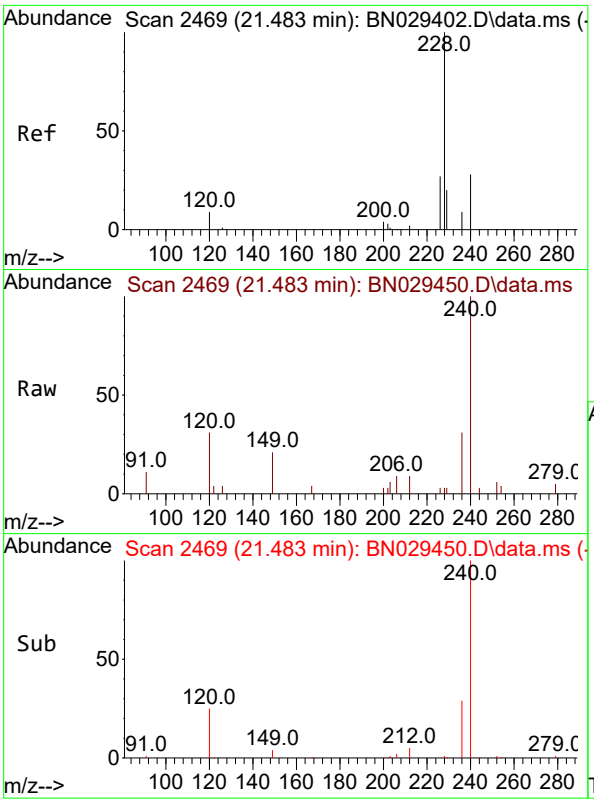


#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.931 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:244 Resp: 5044

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.2	12.4
122	19.6	15.6	23.4



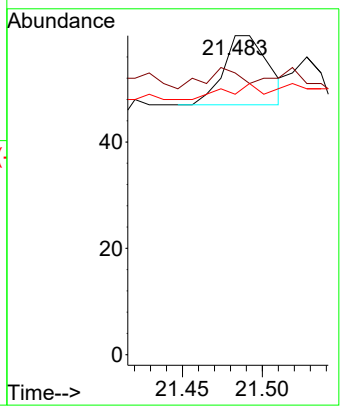


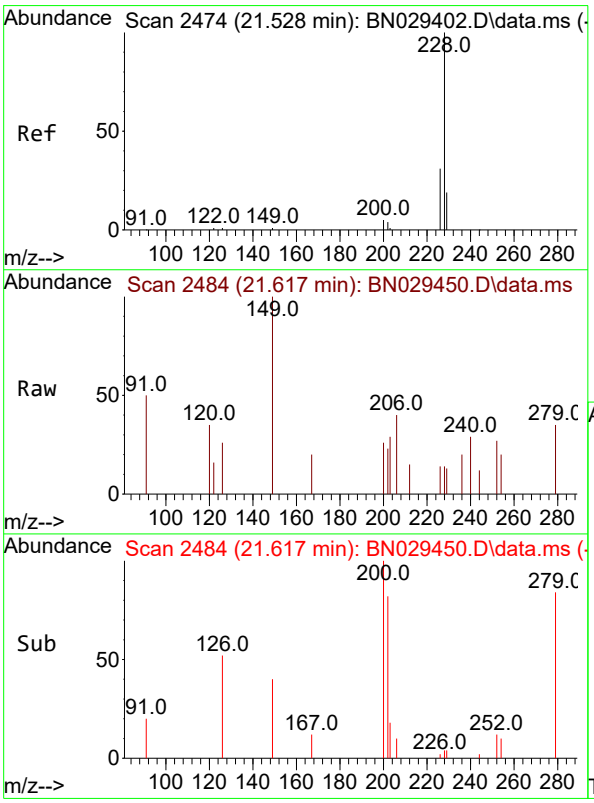
#32
Benzo(a)anthracene
Concen: 0.001 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:228 Resp: 25

Ion	Ratio	Lower	Upper
228	100		
226	88.3	22.2	33.4#
229	81.7	16.5	24.7#

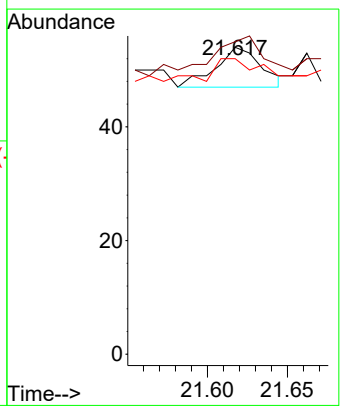


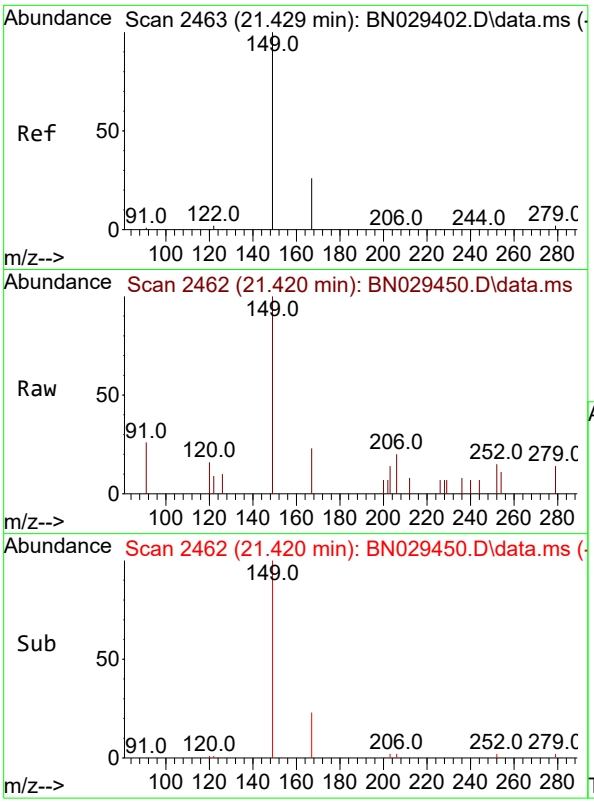


#33
Chrysene
Concen: 0.001 ng
RT: 21.617 min Scan# 2484
Delta R.T. 0.089 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:228 Resp: 14

Ion	Ratio	Lower	Upper
228	100		
226	101.9	24.9	37.3#
229	96.3	15.9	23.9#



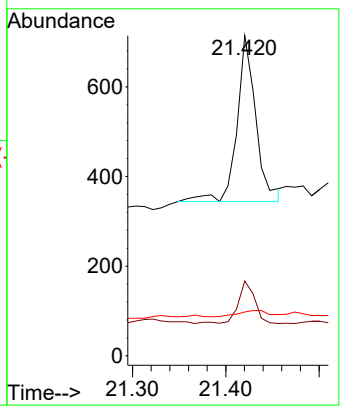


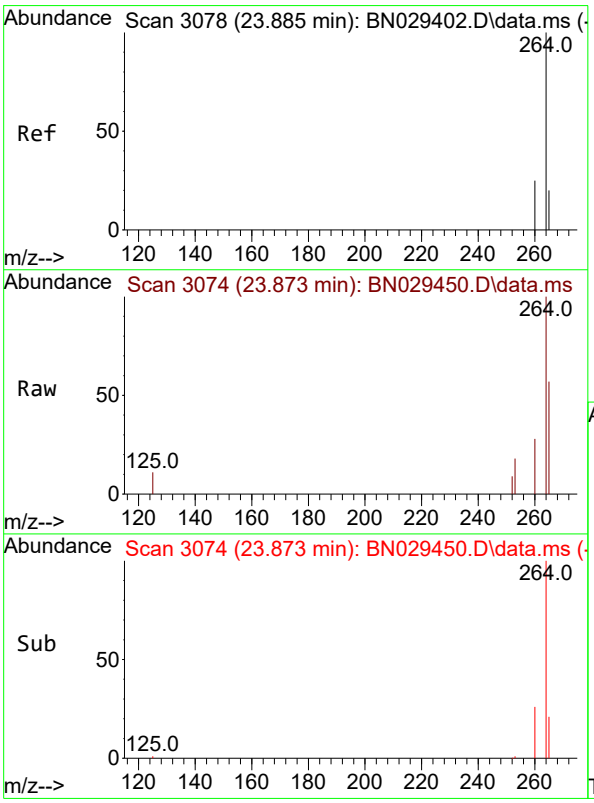
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 21.420 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:149 Resp: 523

Ion	Ratio	Lower	Upper
149	100		
167	22.4	20.1	30.1
279	6.1	2.5	3.7#

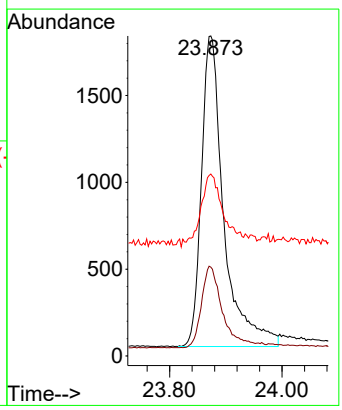


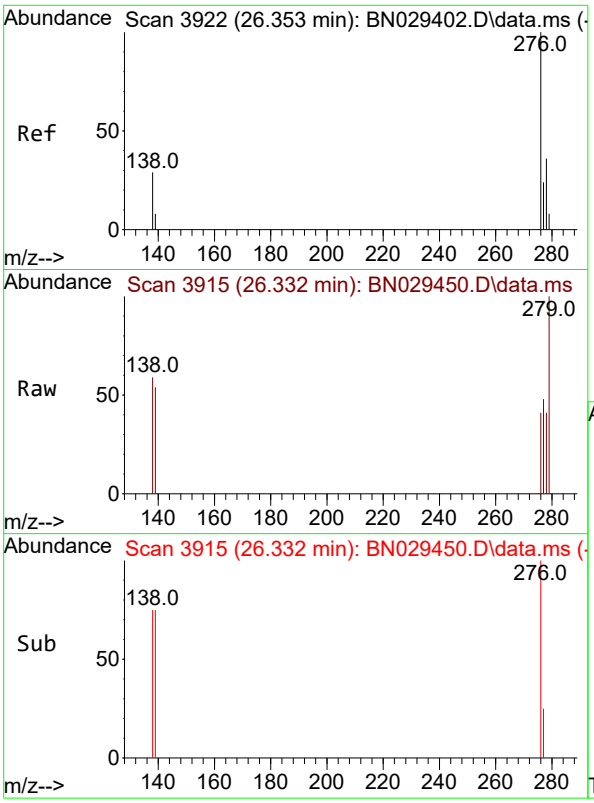


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.873 min Scan# 3074
Delta R.T. -0.012 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:264 Resp: 4936

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.2	31.8
265	56.9	41.5	62.3



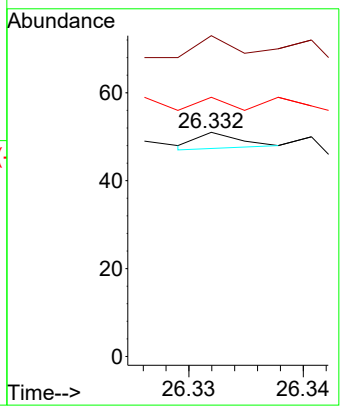


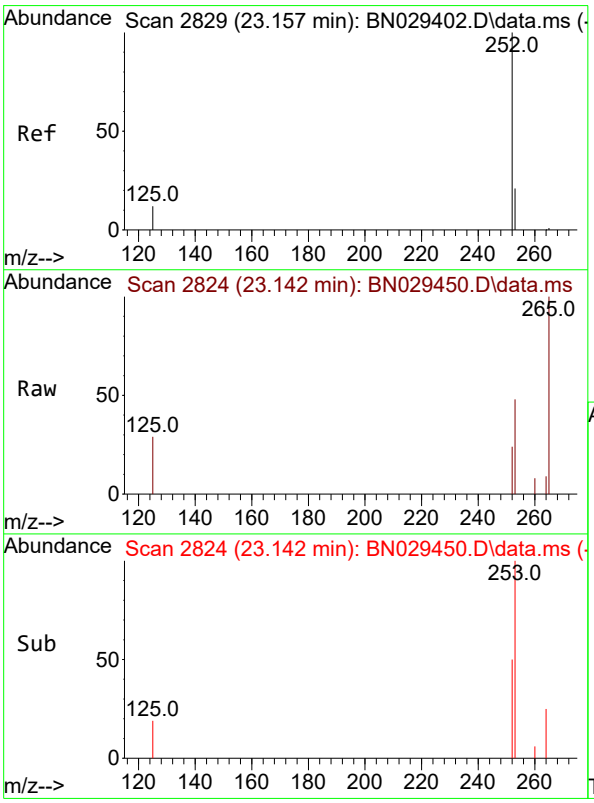
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.332 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
138	100.0	20.5	30.7#
277	0.0	17.0	25.4#

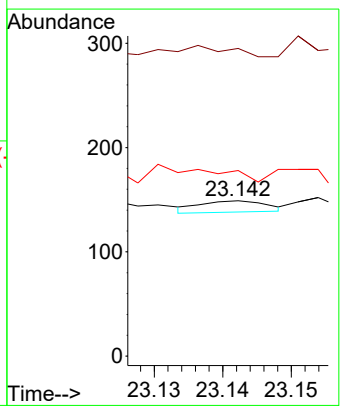


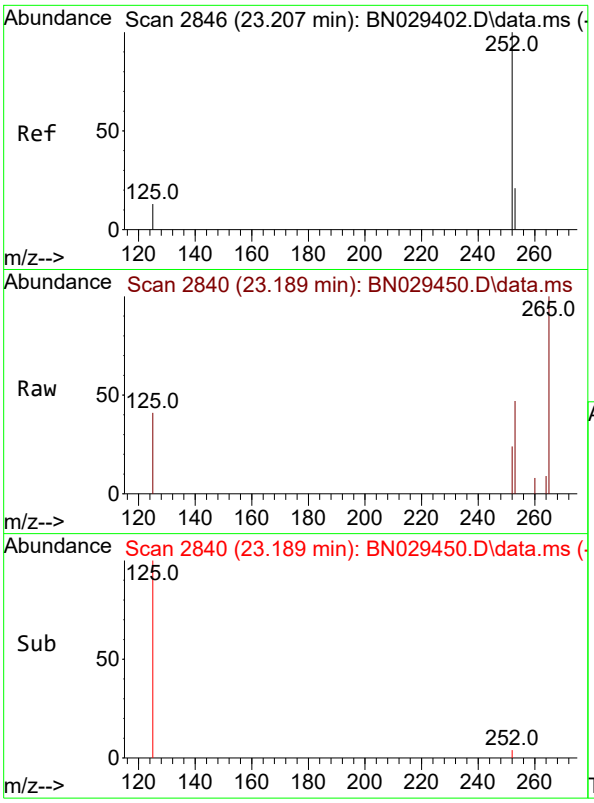


#37
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 23.142 min Scan# 2824
Delta R.T. -0.015 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:252 Resp: 7

Ion	Ratio	Lower	Upper
252	100		
253	198.0	21.7	32.5#
125	119.5	13.3	19.9#



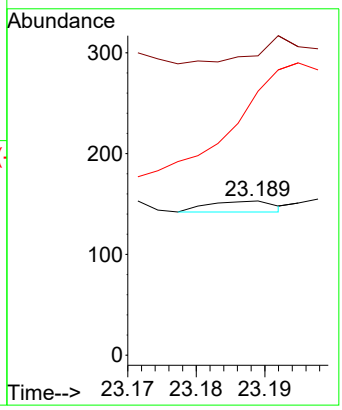


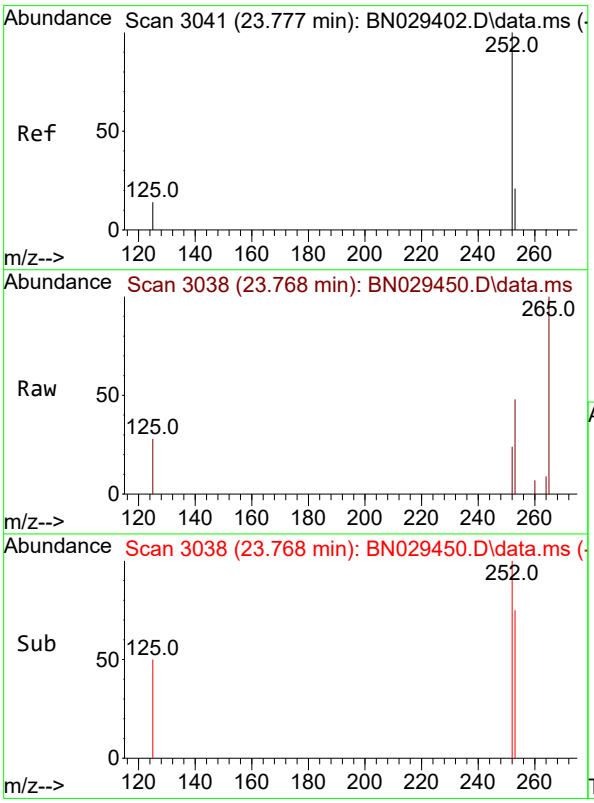
#38
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 23.189 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:252 Resp: 7

Ion	Ratio	Lower	Upper
252	100		
253	194.1	21.8	32.8#
125	171.2	13.9	20.9#

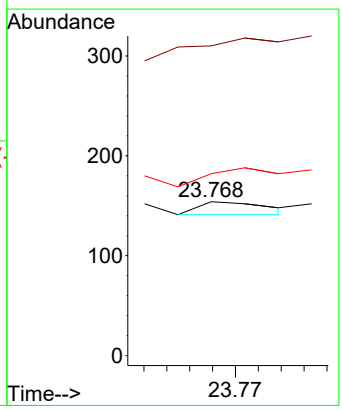


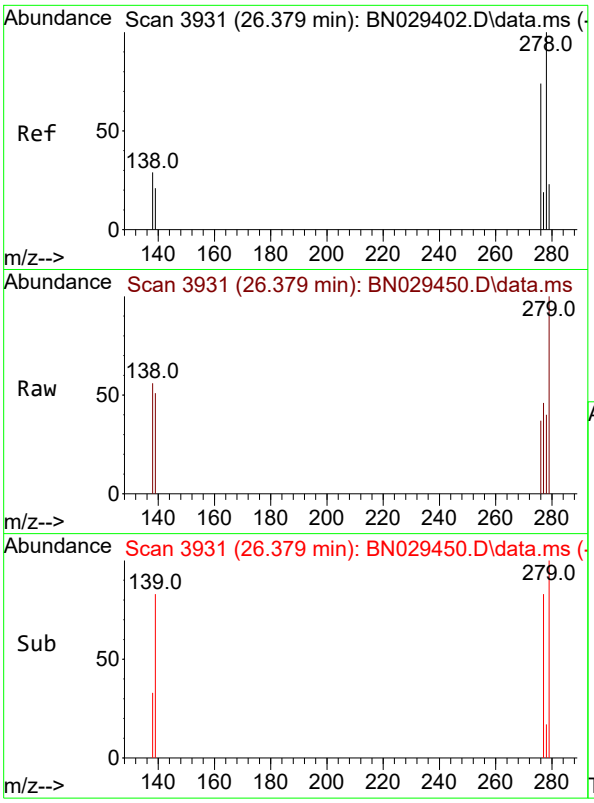


#39
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.768 min Scan# 3038
Delta R.T. -0.009 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:252 Resp: 5

Ion	Ratio	Lower	Upper
252	100		
253	201.3	24.9	37.3#
125	118.2	16.6	25.0#



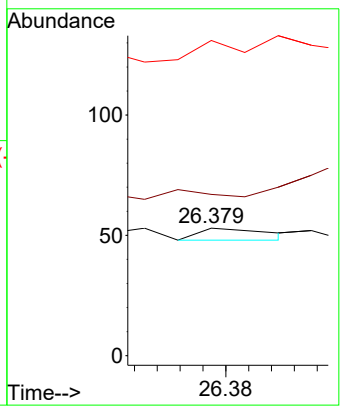


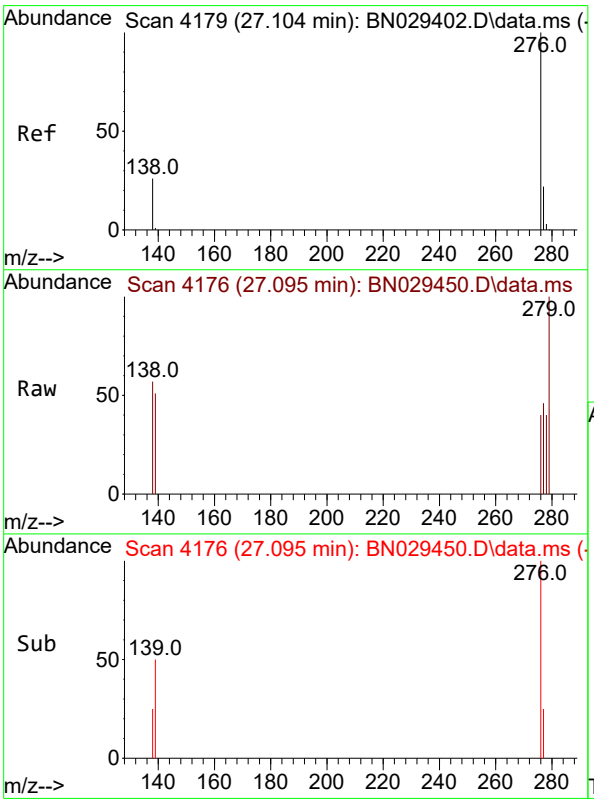
#40
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.379 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Instrument :
BNA_N
ClientSampleId :
PB158216BL

Tgt Ion:278 Resp: 2

Ion	Ratio	Lower	Upper
278	100		
139	126.4	20.4	30.6#
279	247.2	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.095 min Scan# 4176
Delta R.T. -0.009 min
Lab File: BN029450.D
Acq: 31 Jan 2024 15:01

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
277	113.7	19.4	29.2#
138	141.2	23.5	35.3#