Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029526.D
Acq On : 06 Feb 2024 02:34
Operator : MA/JU
Sample : P1345-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 04:25:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	4377	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	11618	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4668	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	8079	0.400	ng	0.00
29) Chrysene-d12	21.483	240	5269	0.400	ng	# 0.00
35) Perylene-d12	23.859	264	5552	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3803	0.362	ng	0.00
5) Phenol-d6	7.060	99	4525	0.373	ng	0.00
8) Nitrobenzene-d5	9.057	82	3419	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.280	152	7022	0.444	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	419	0.280	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	7102	0.354	ng	0.00
27) Fluoranthene-d10	19.317	212	6106	0.312	ng	0.00
31) Terphenyl-d14	19.926	244	3968	0.303	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1914	0.311	ng	# 59
3) n-Nitrosodimethylamine	3.702	42	1596	0.318	ng	# 76
6) bis(2-Chloroethyl)ether	7.327	93	4440	0.384	ng	98
9) Naphthalene	10.744	128	13129	0.397	ng	99
10) Hexachlorobutadiene	11.021	225	2061	0.328	ng	# 99
12) 2-Methylnaphthalene	12.355	142	7493	0.386	ng	98
16) Acenaphthylene	14.254	152	9128	0.412	ng	100
17) Acenaphthene	14.596	154	5783	0.389	ng	98
18) Fluorene	15.580	166	6958	0.373	ng	100
20) 4,6-Dinitro-2-methylph...	15.667	198	426	0.359	ng	# 72
21) 4-Bromophenyl-phenylether	16.473	248	1969	0.410	ng	95
22) Hexachlorobenzene	16.573	284	2085	0.354	ng	99
23) Atrazine	16.759	200	1221	0.357	ng	99
24) Pentachlorophenol	16.933	266	337	0.180	ng	96
25) Phenanthrene	17.317	178	10350	0.433	ng	99
26) Anthracene	17.417	178	8252	0.405	ng	100
28) Fluoranthene	19.345	202	10611	0.395	ng	100
30) Pyrene	19.712	202	10744	0.443	ng	99
32) Benzo(a)anthracene	21.465	228	7760	0.431	ng	99
33) Chrysene	21.519	228	8621	0.421	ng	100
34) Bis(2-ethylhexyl)phtha...	21.411	149	4941	0.403	ng	99
36) Indeno(1,2,3-cd)pyrene	26.314	276	10009	0.448	ng	# 92
37) Benzo(b)fluoranthene	23.133	252	8170	0.412	ng	94
38) Benzo(k)fluoranthene	23.183	252	8206	0.395	ng	92
39) Benzo(a)pyrene	23.753	252	7712	0.446	ng	93
40) Dibenzo(a,h)anthracene	26.349	278	7783	0.438	ng	98
41) Benzo(g,h,i)perylene	27.069	276	8946	0.413	ng	99

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

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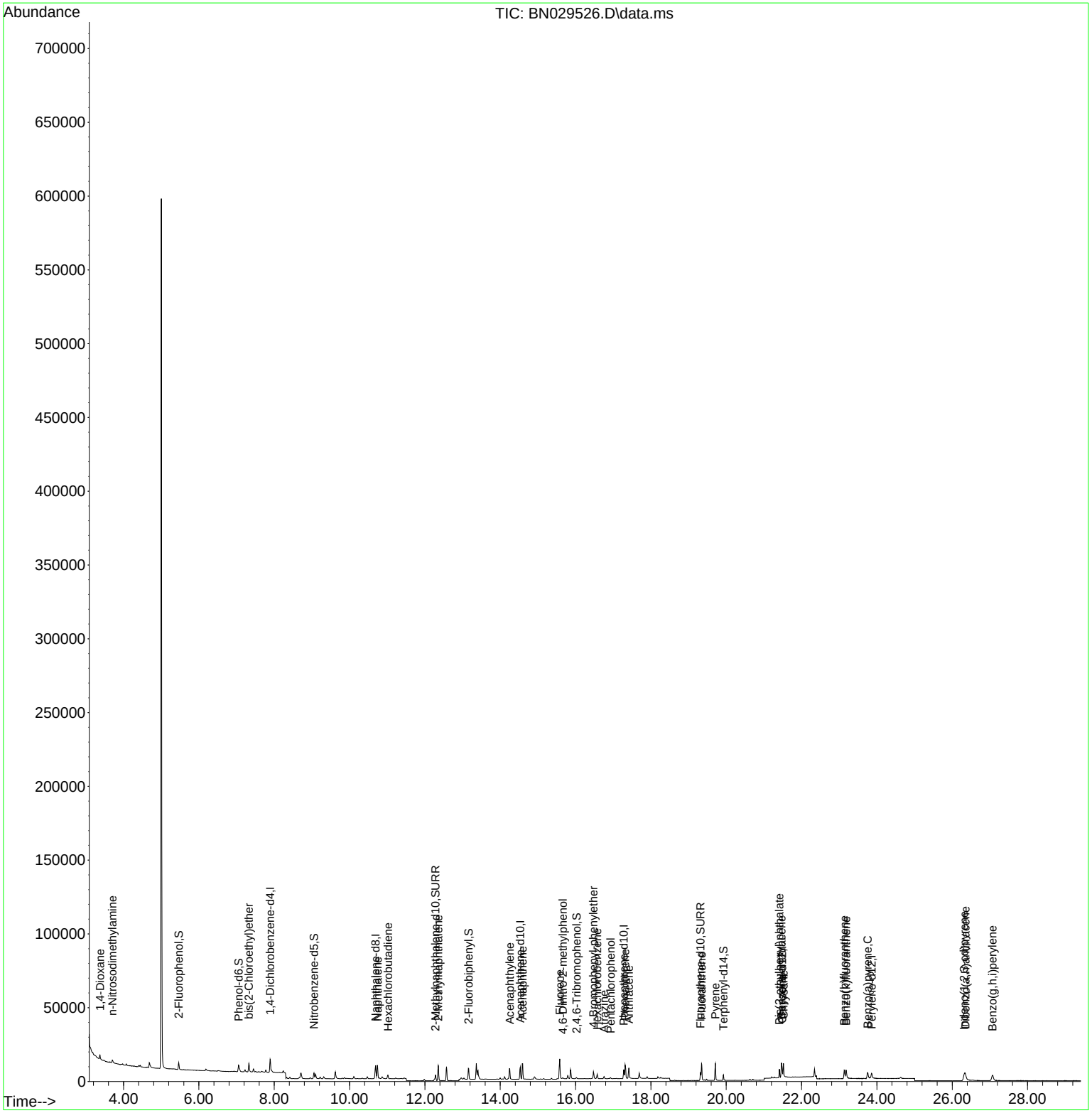
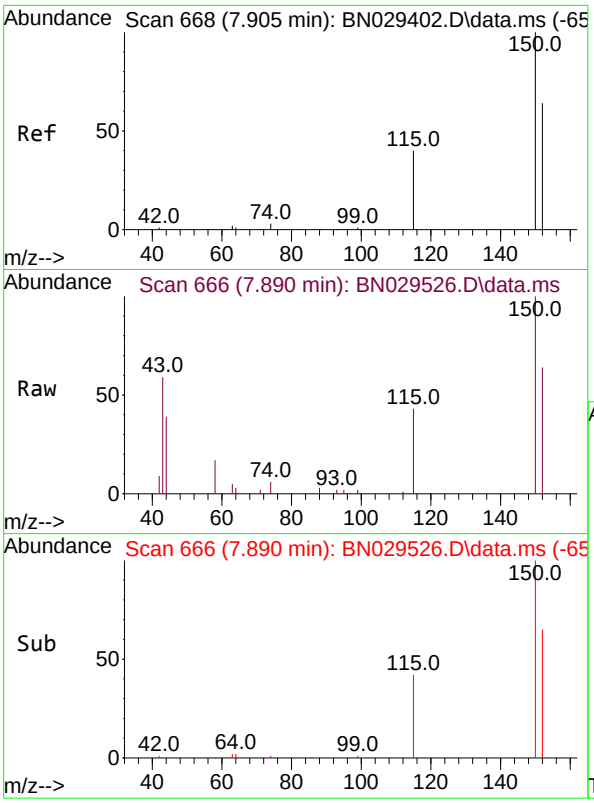
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 04:25:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration



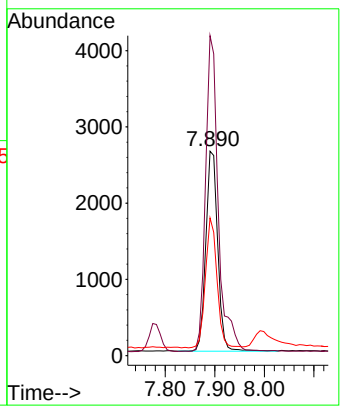


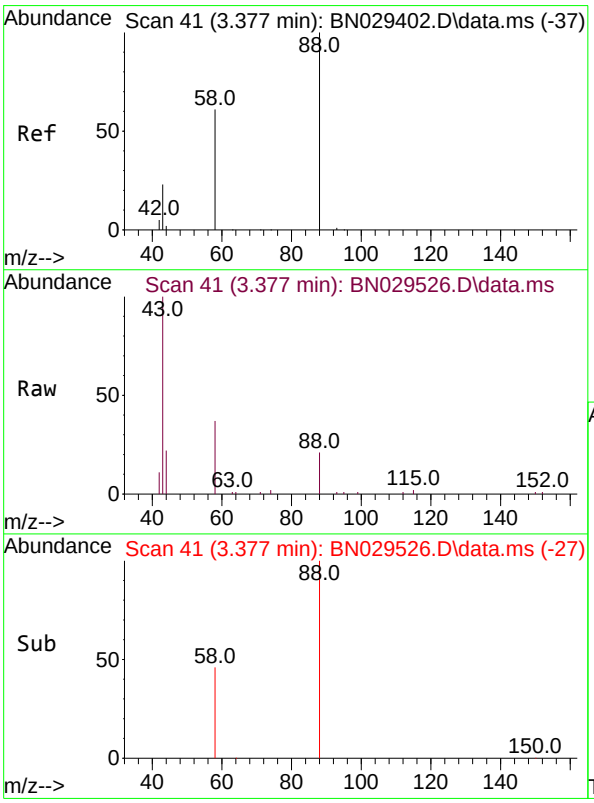
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4377

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.0	184.4
115	67.3	51.4	77.0

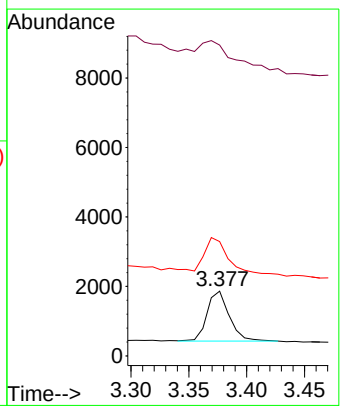


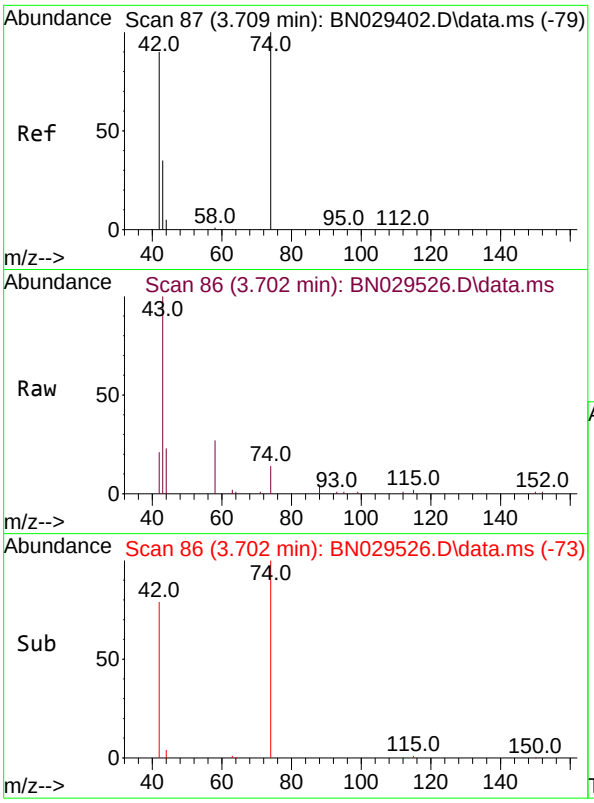


#2
1,4-Dioxane
Concen: 0.311 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion: 88 Resp: 1914

Ion	Ratio	Lower	Upper
88	100		
43	79.3	23.3	34.9#
58	81.7	53.8	80.6#



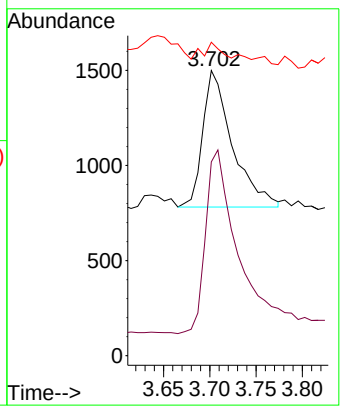


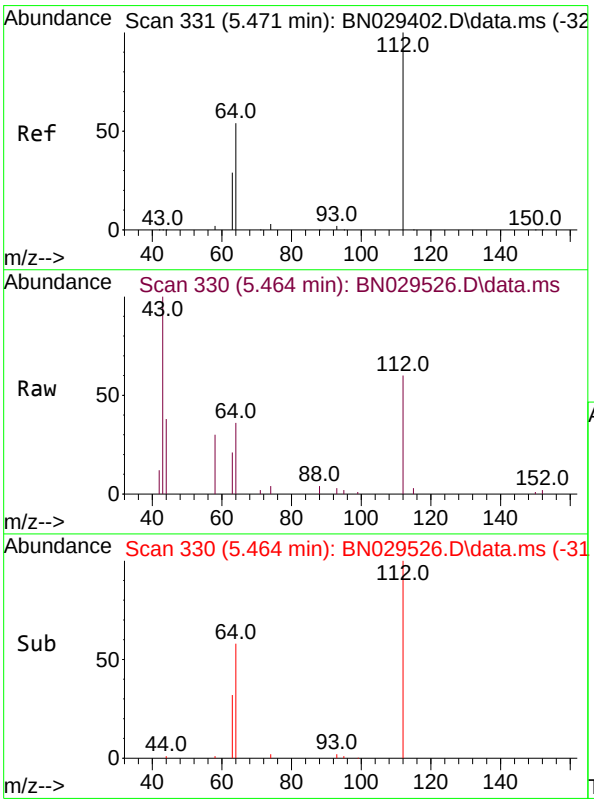
#3
n-Nitrosodimethylamine
Concen: 0.318 ng
RT: 3.702 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1596

Ion	Ratio	Lower	Upper
42	100		
74	146.7	93.7	140.5#
44	17.0	13.0	19.4

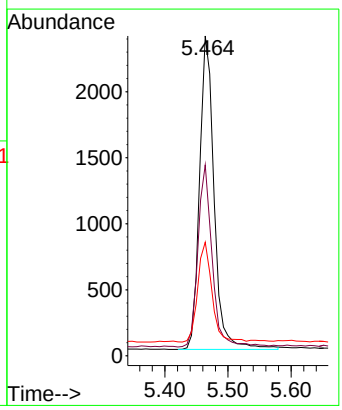


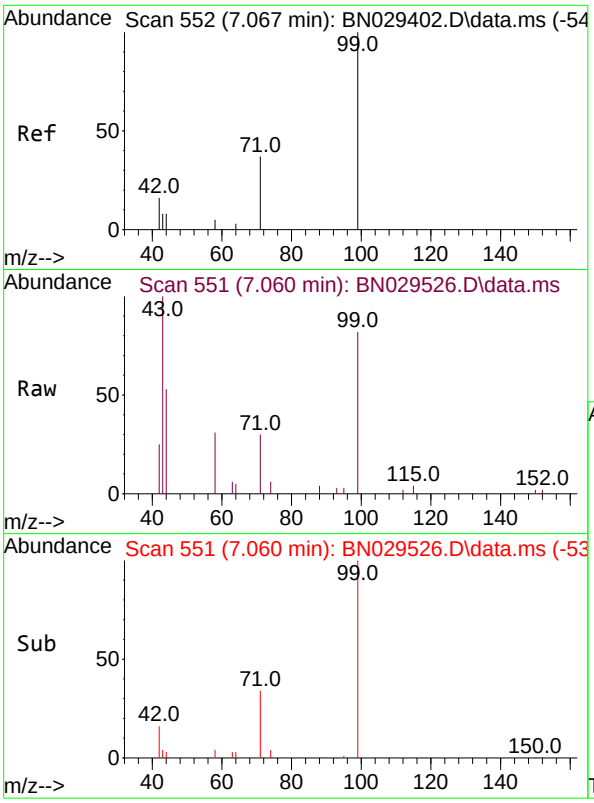


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:112 Resp: 3803

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.2	70.8
63	31.2	25.8	38.6



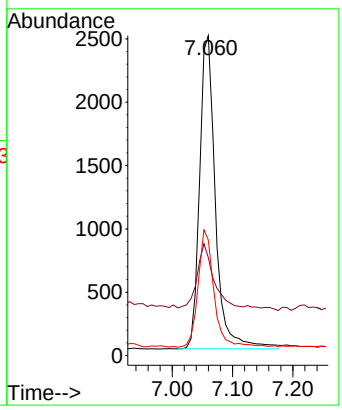


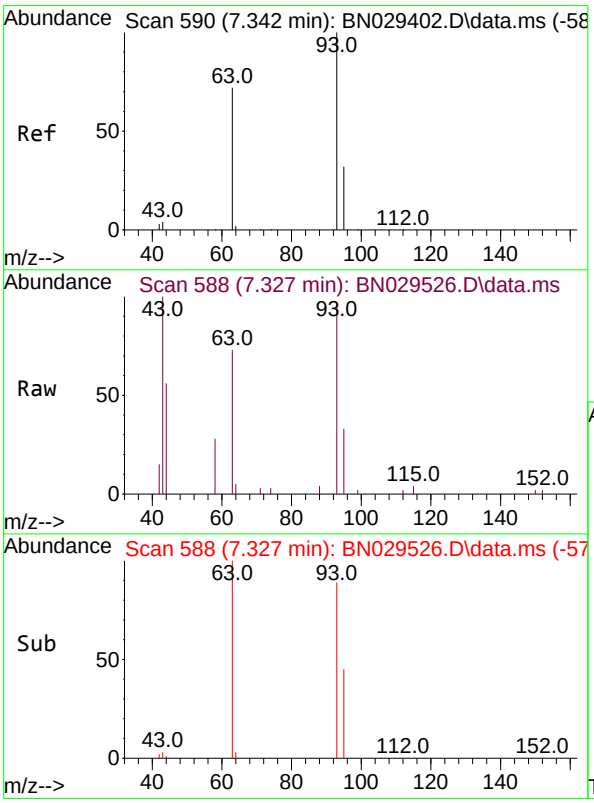
#5
Phenol-d6
Concen: 0.373 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4525

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.9	25.3
71	37.5	30.0	45.0

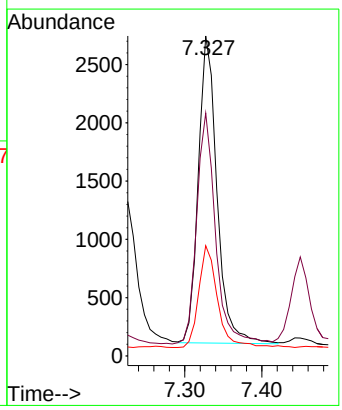


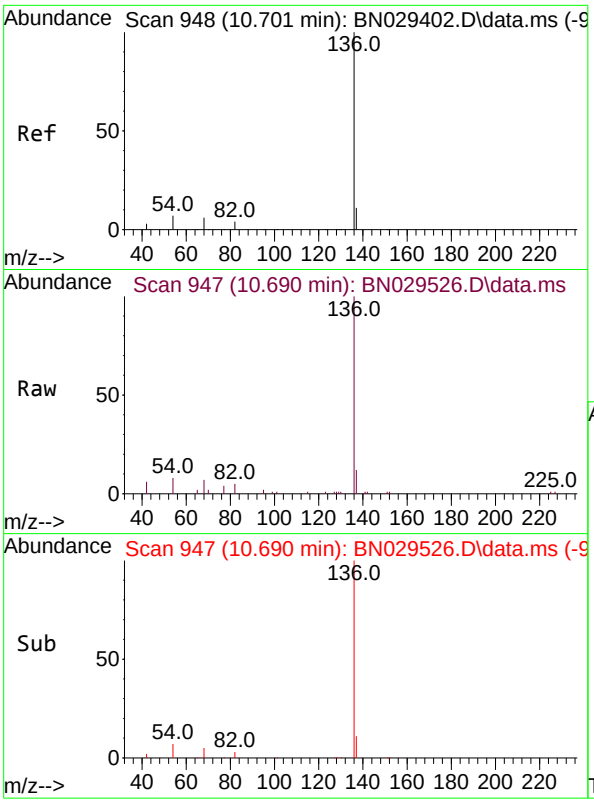


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion: 93 Resp: 4440

Ion	Ratio	Lower	Upper
93	100		
63	76.1	63.1	94.7
95	33.8	27.1	40.7



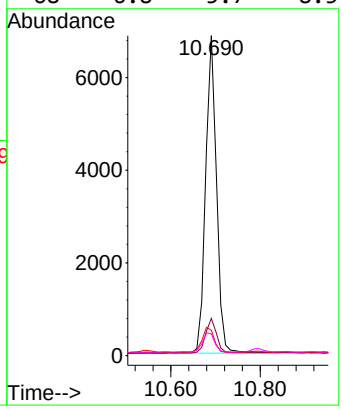


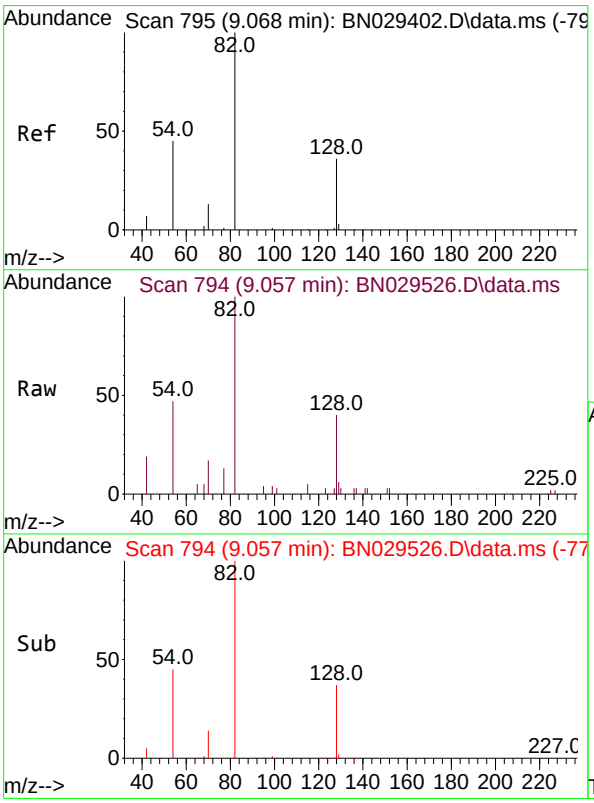
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11618

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	7.9	6.6	10.0
68	6.8	5.7	8.5

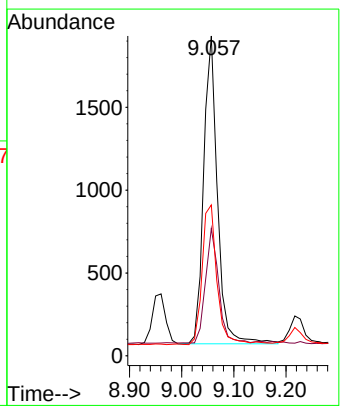


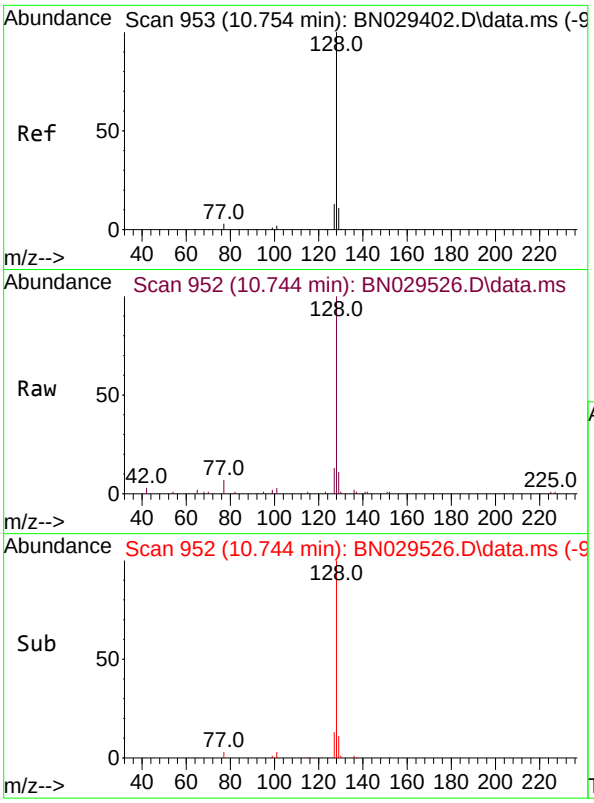


#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion: 82 Resp: 3419

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.6	47.4
54	47.2	38.2	57.4



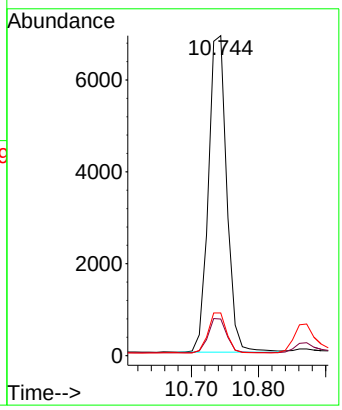


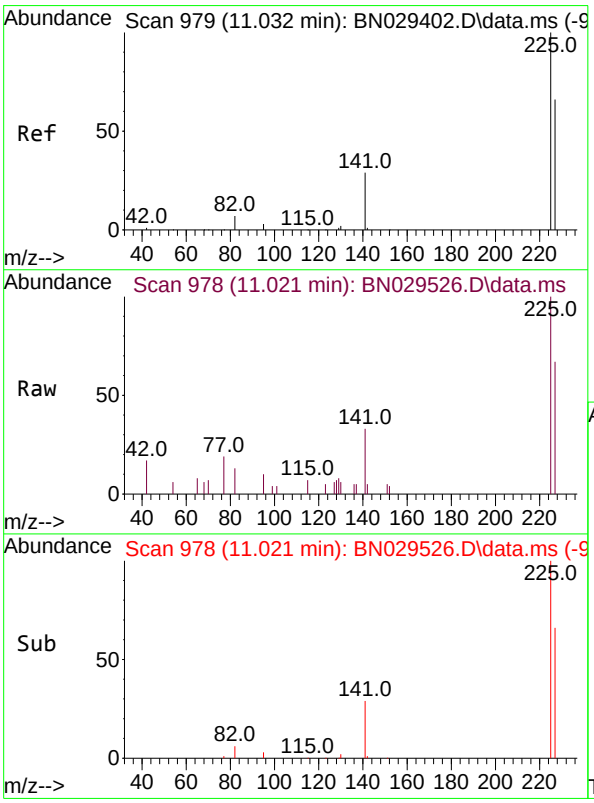
#9
Naphthalene
Concen: 0.397 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13129

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.3	10.8	16.2

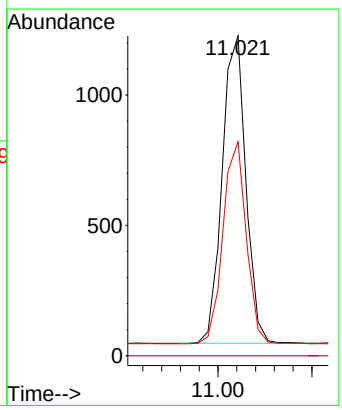


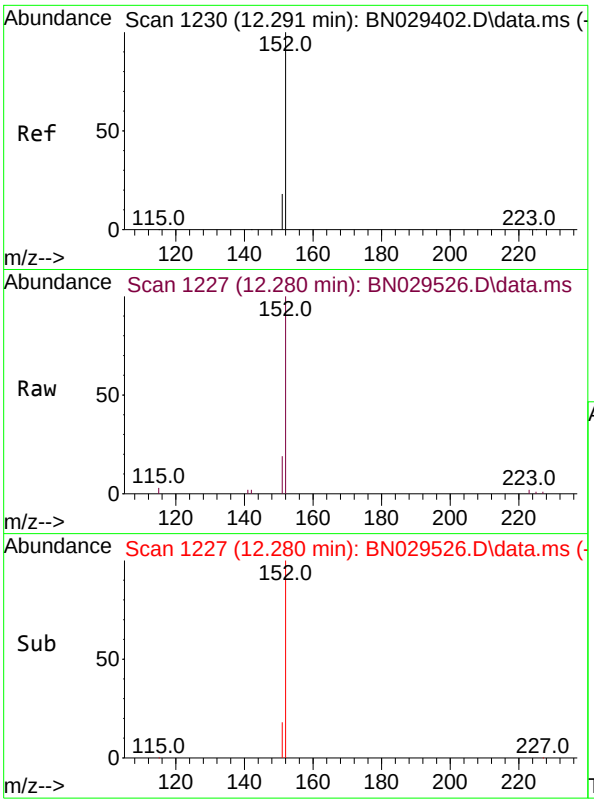


#10
Hexachlorobutadiene
Concen: 0.328 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:225 Resp: 2061

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.1	76.7



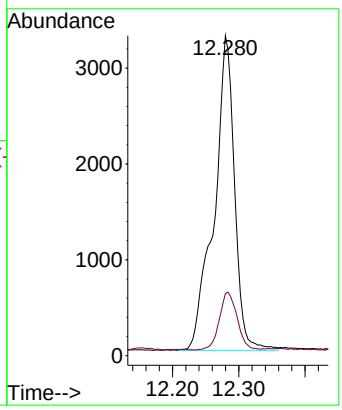


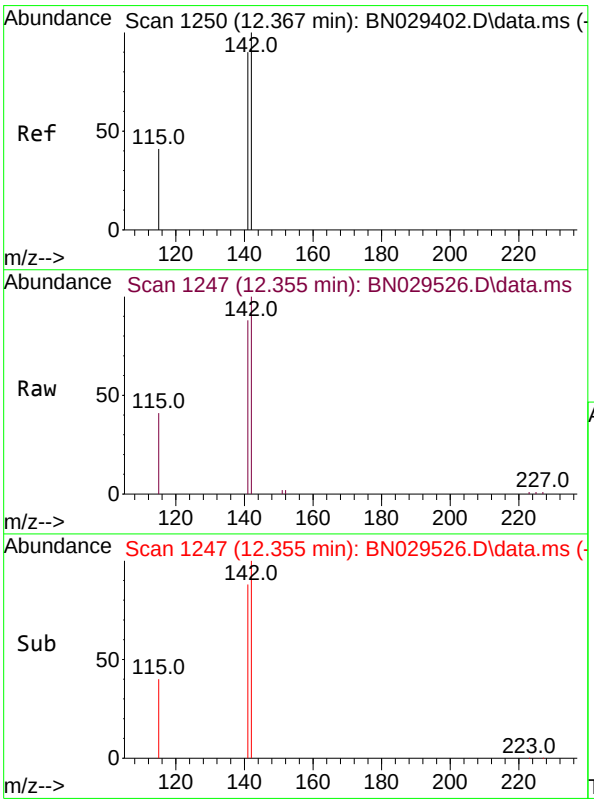
#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 12.280 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7022

Ion	Ratio	Lower	Upper
152	100		
151	16.1	17.1	25.7#

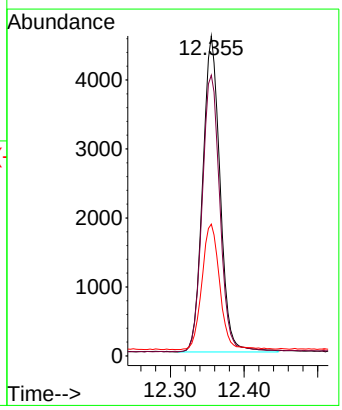


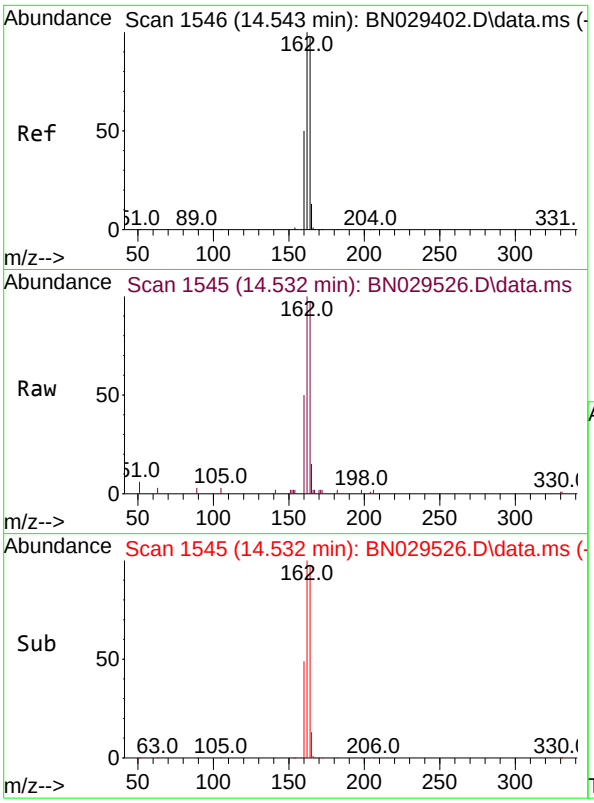


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:142 Resp: 7493

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.9	107.9
115	41.2	33.9	50.9



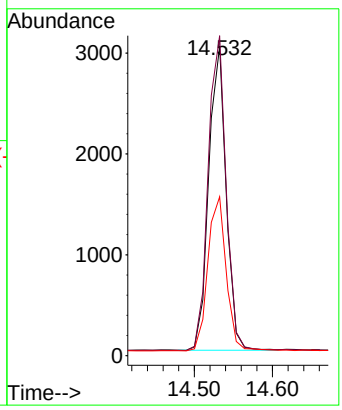


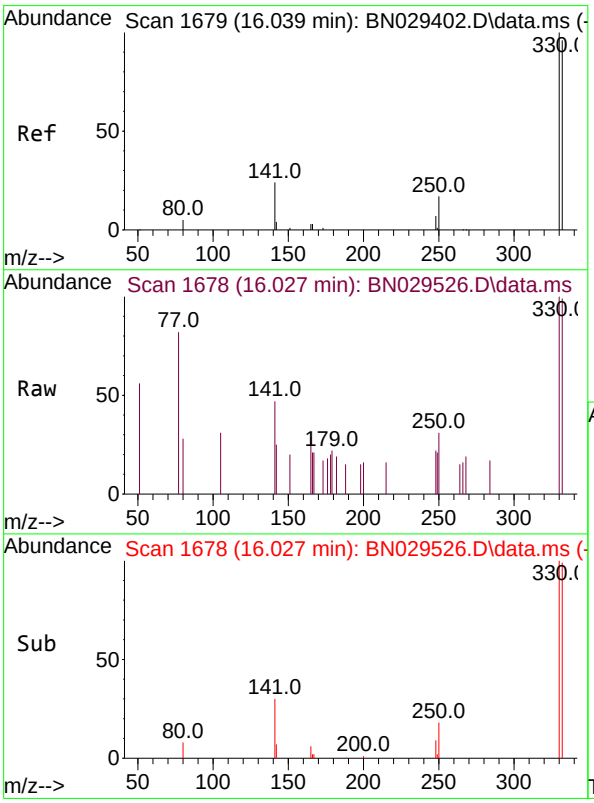
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4668

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	51.3	41.5	62.3

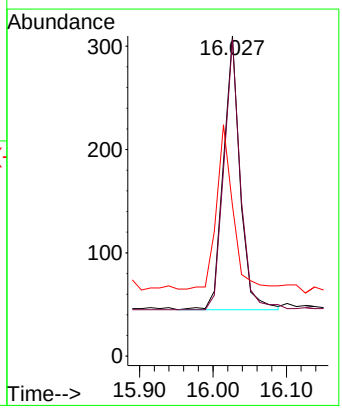


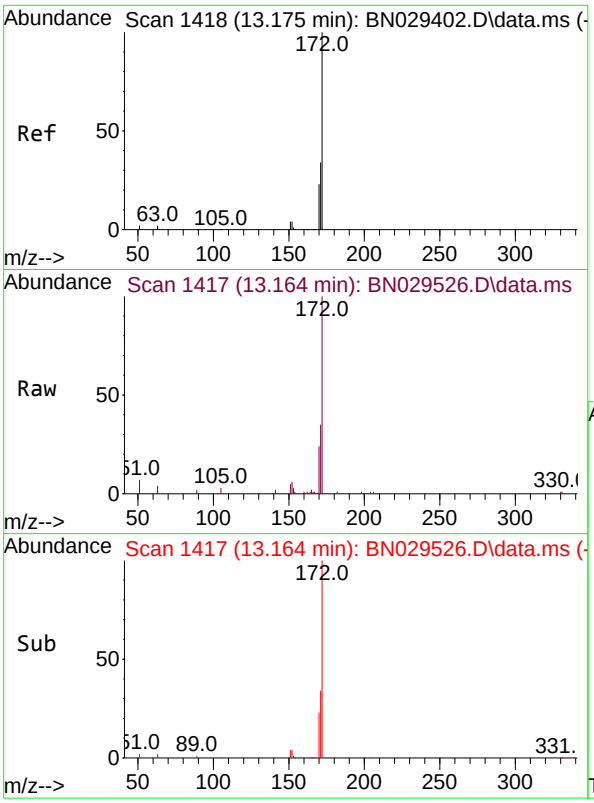


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 16.027 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:330 Resp: 419

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.0	114.0
141	58.5	43.4	65.2



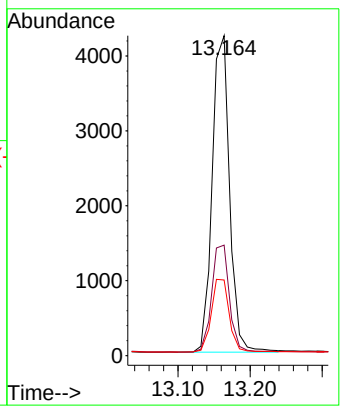


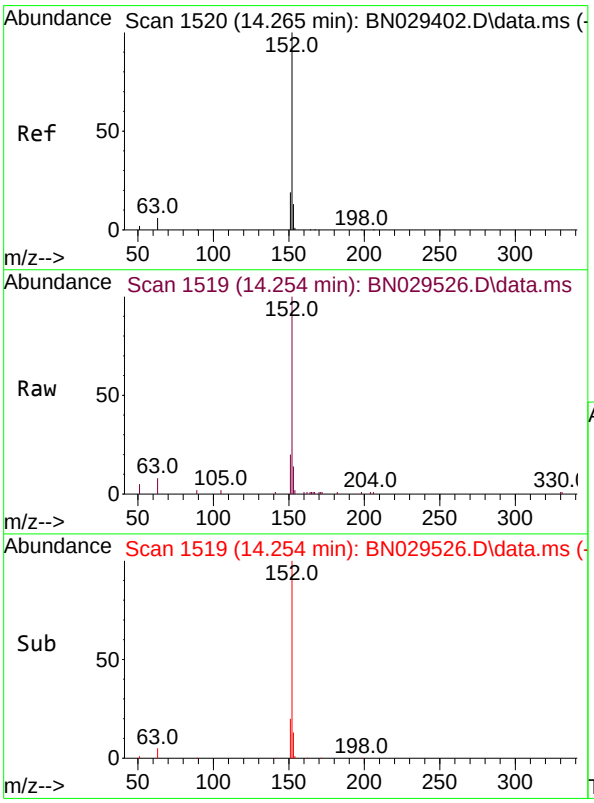
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 7102

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	23.6	18.7	28.1

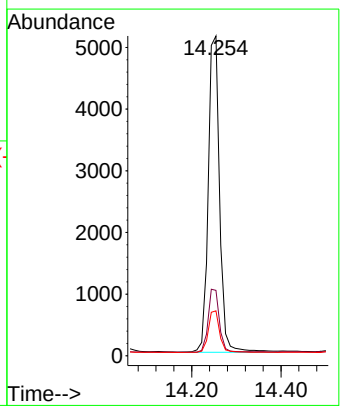


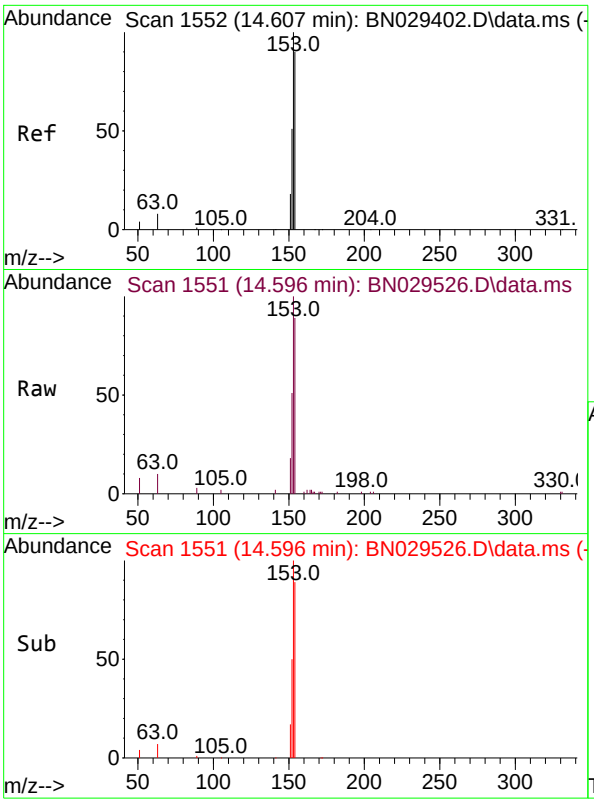


#16
Acenaphthylene
Concen: 0.412 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:152 Resp: 9128

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.5	15.7





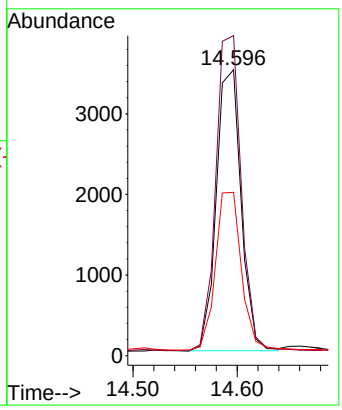
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.596 min Scan# 1

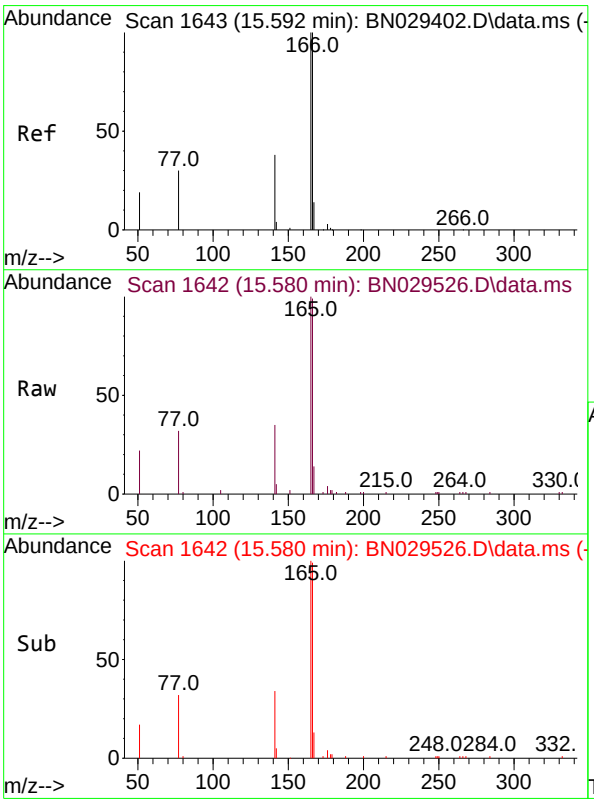
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:154 Resp: 5783

Ion	Ratio	Lower	Upper
154	100		
153	115.0	93.6	140.4
152	59.3	48.6	73.0

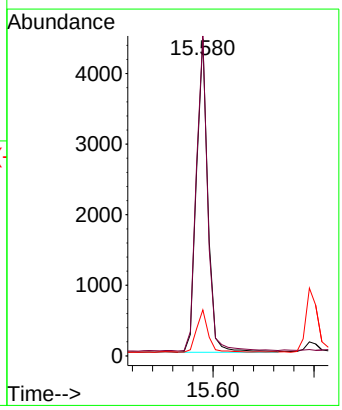


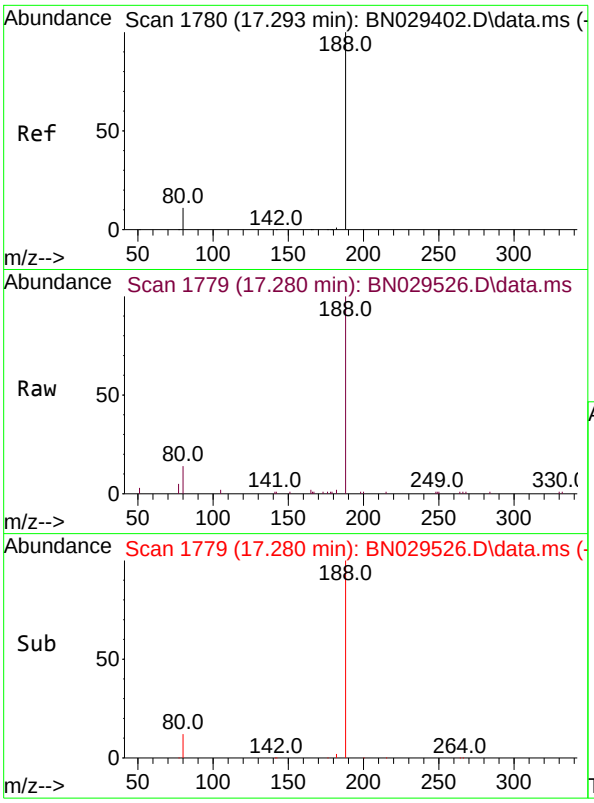


#18
Fluorene
Concen: 0.373 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:166 Resp: 6958

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	13.6	11.3	16.9



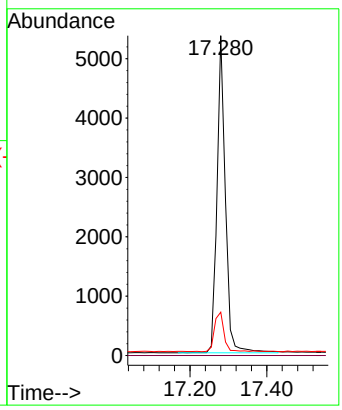


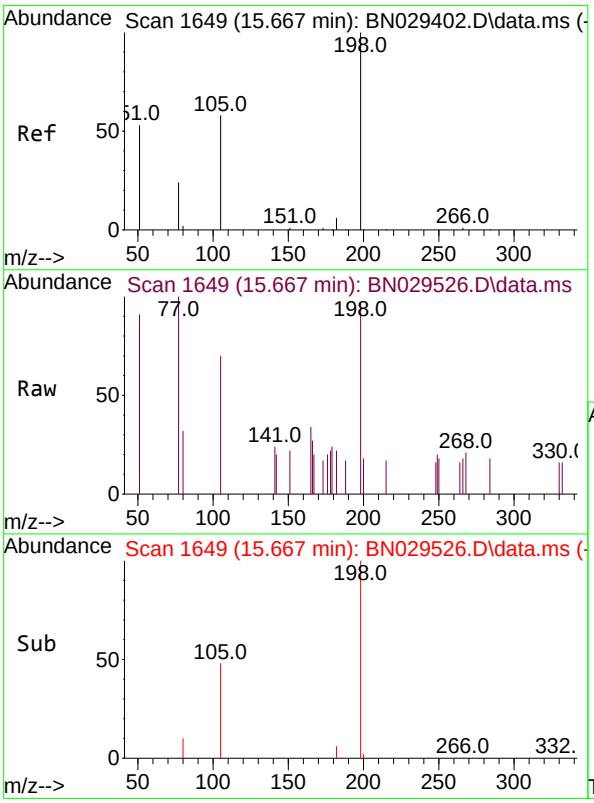
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 8079

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	10.0	15.0

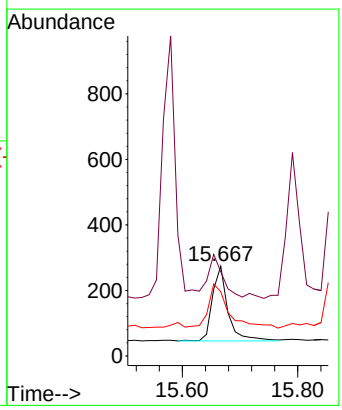


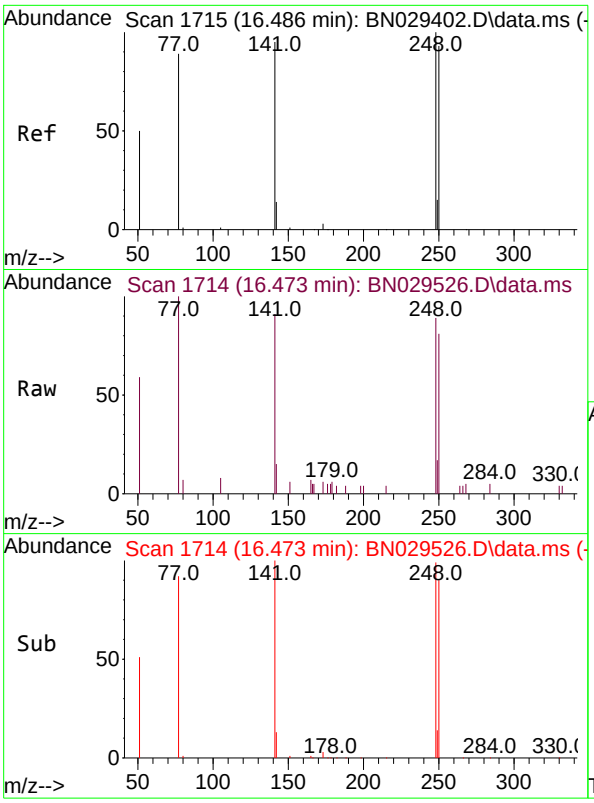


#20
4,6-Dinitro-2-methylphenol
Concen: 0.359 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:198 Resp: 426

Ion	Ratio	Lower	Upper
198	100		
51	93.8	111.0	166.6#
105	71.5	67.0	100.6



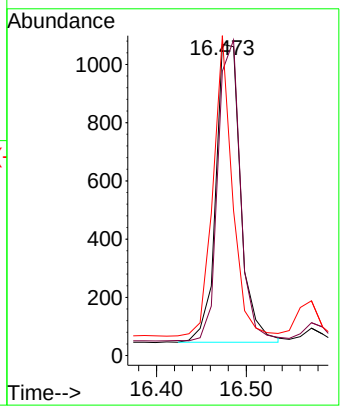


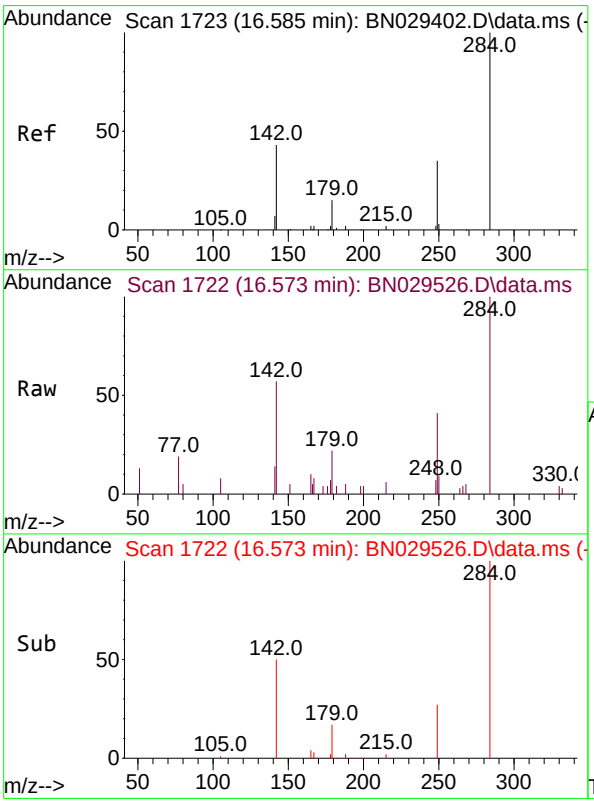
#21
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 16.473 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1969

Ion	Ratio	Lower	Upper
248	100		
250	91.4	75.0	112.4
141	102.8	77.0	115.6

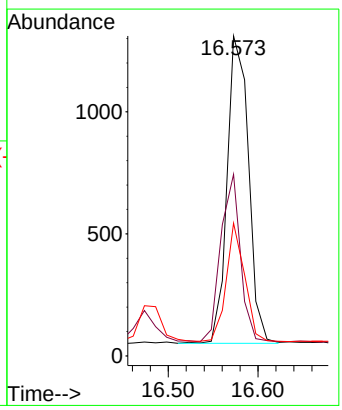


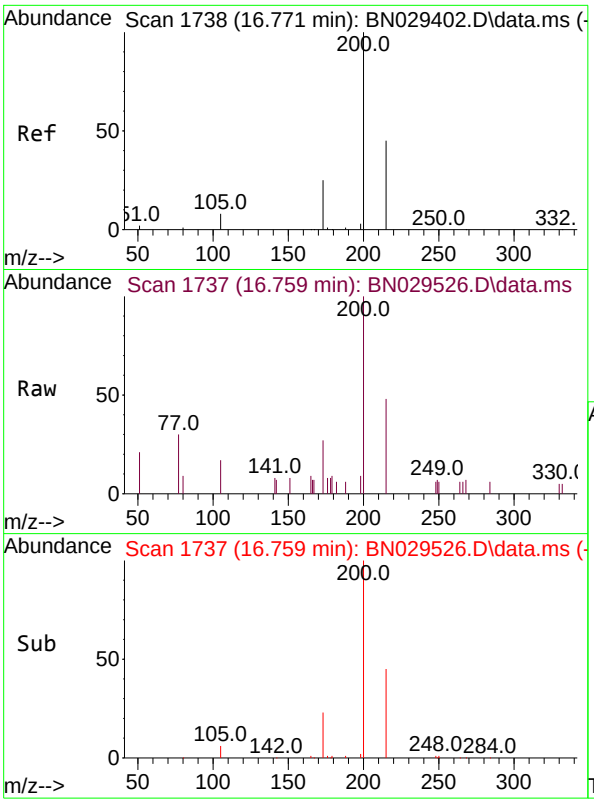


#22
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:284 Resp: 2085

Ion	Ratio	Lower	Upper
284	100		
142	49.8	39.4	59.2
249	33.2	26.9	40.3



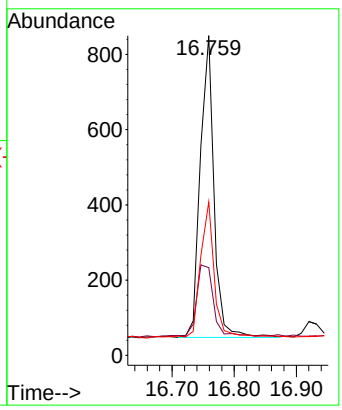


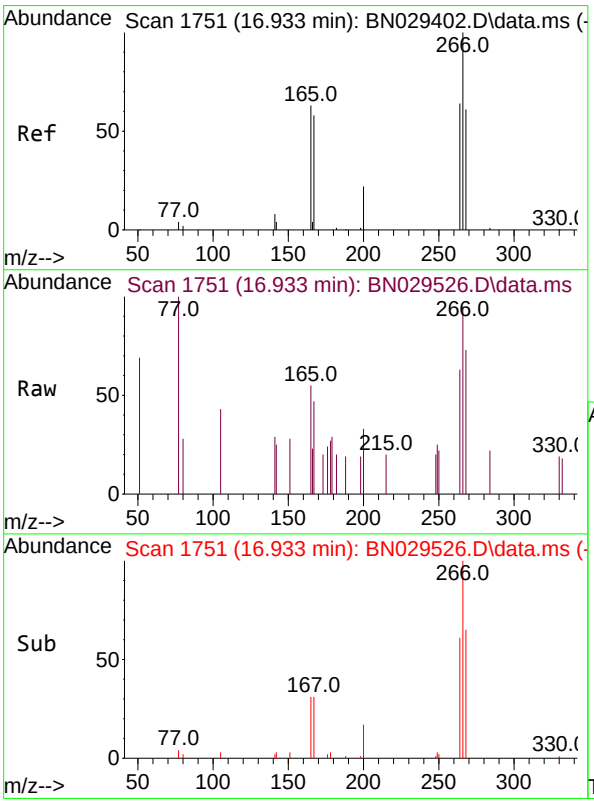
#23
Atrazine
Concen: 0.357 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1221

Ion	Ratio	Lower	Upper
200	100		
173	27.4	23.4	35.0
215	48.0	38.4	57.6

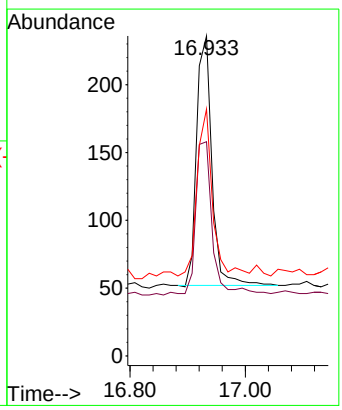


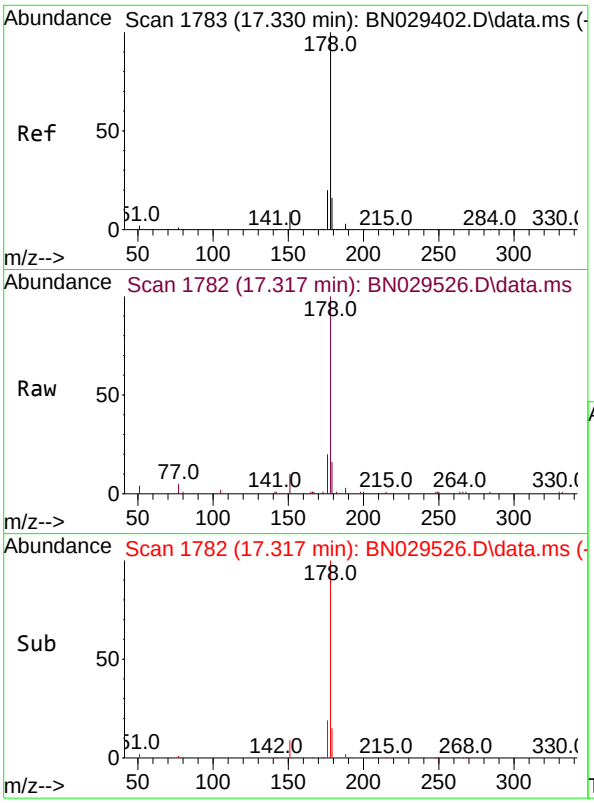


#24
Pentachlorophenol
Concen: 0.180 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:266 Resp: 337

Ion	Ratio	Lower	Upper
266	100		
264	67.4	50.8	76.2
268	67.1	51.5	77.3



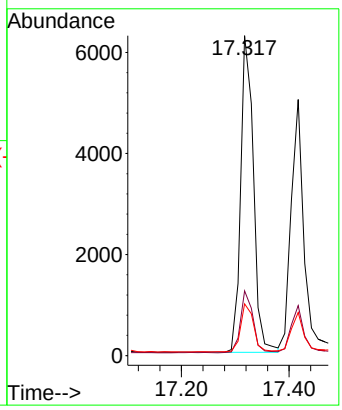


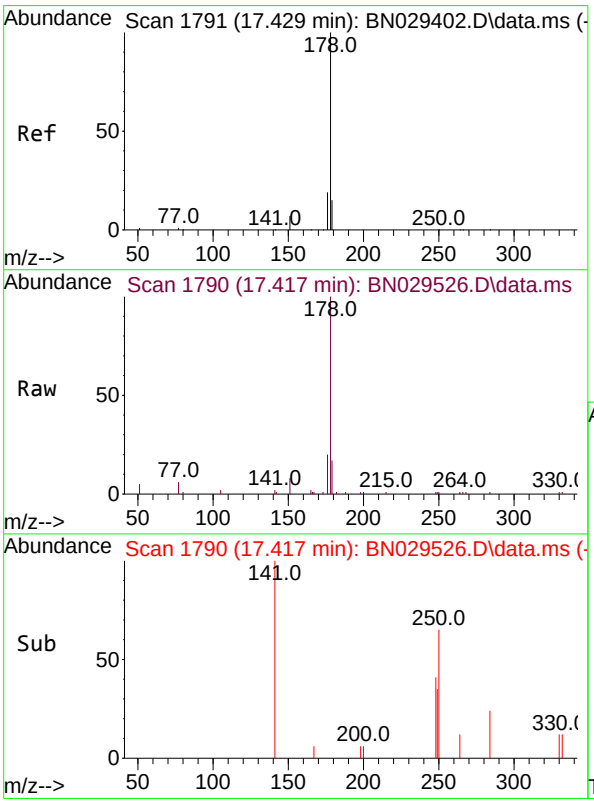
#25
Phenanthrene
Concen: 0.433 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10350

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.3	12.6	19.0

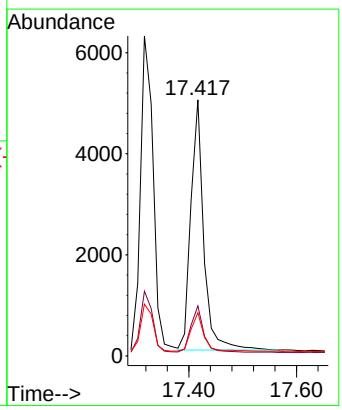


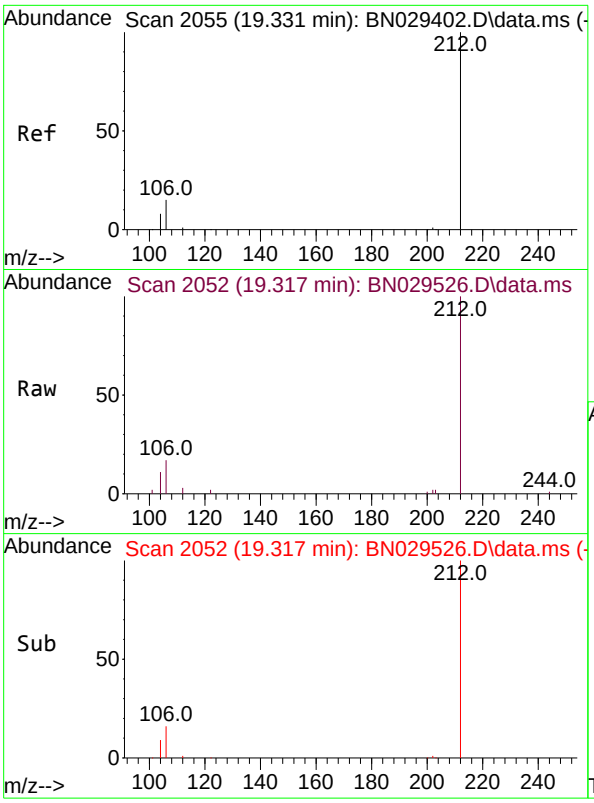


#26
Anthracene
Concen: 0.405 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:178 Resp: 8252

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.3	18.5



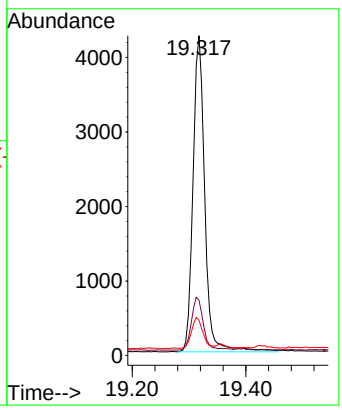


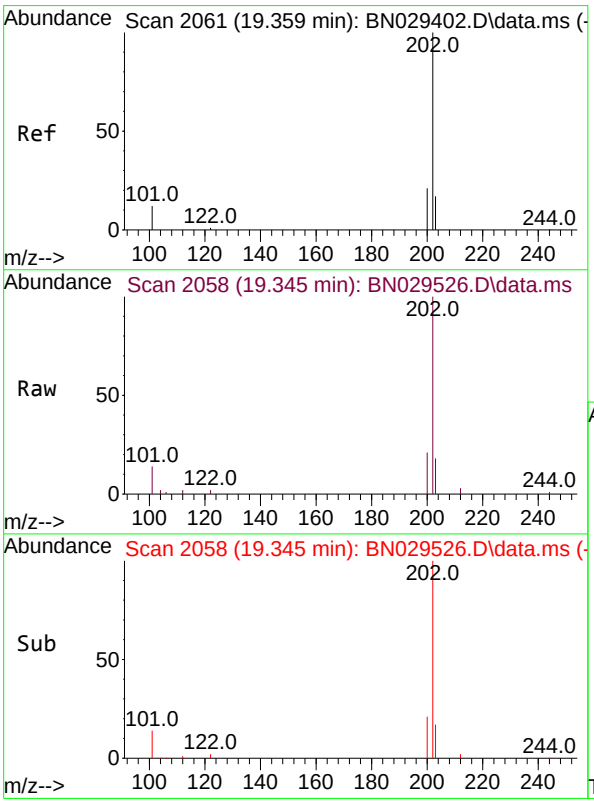
#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.317 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6106

Ion	Ratio	Lower	Upper
212	100		
106	16.9	13.2	19.8
104	9.5	7.7	11.5

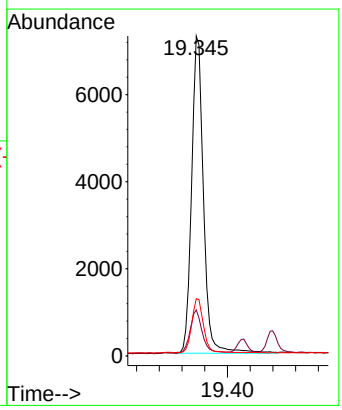


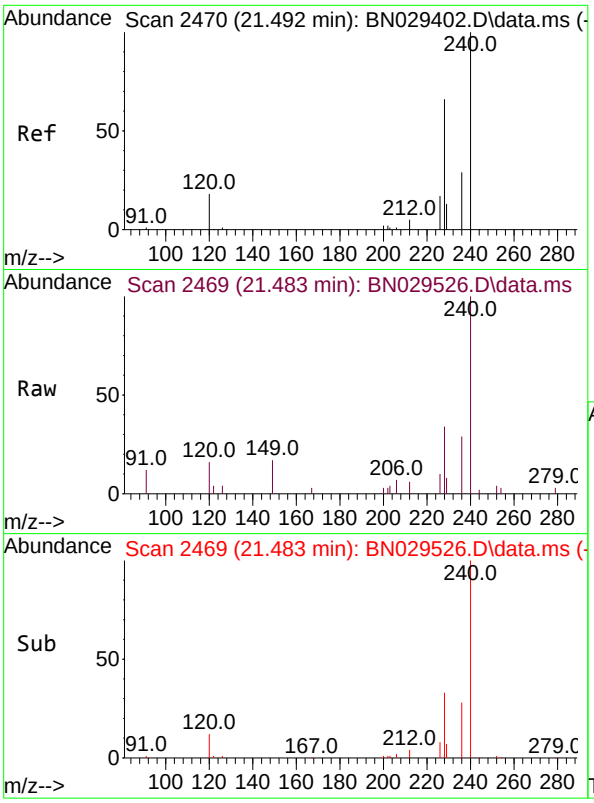


#28
Fluoranthene
Concen: 0.395 ng
RT: 19.345 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:202 Resp: 10611

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.5	15.7
203	16.7	13.5	20.3



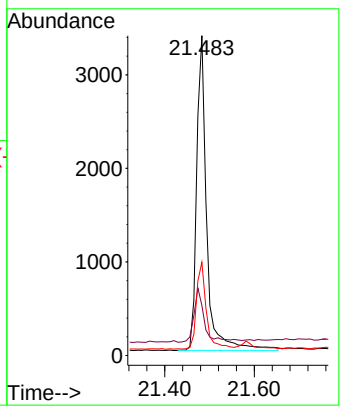


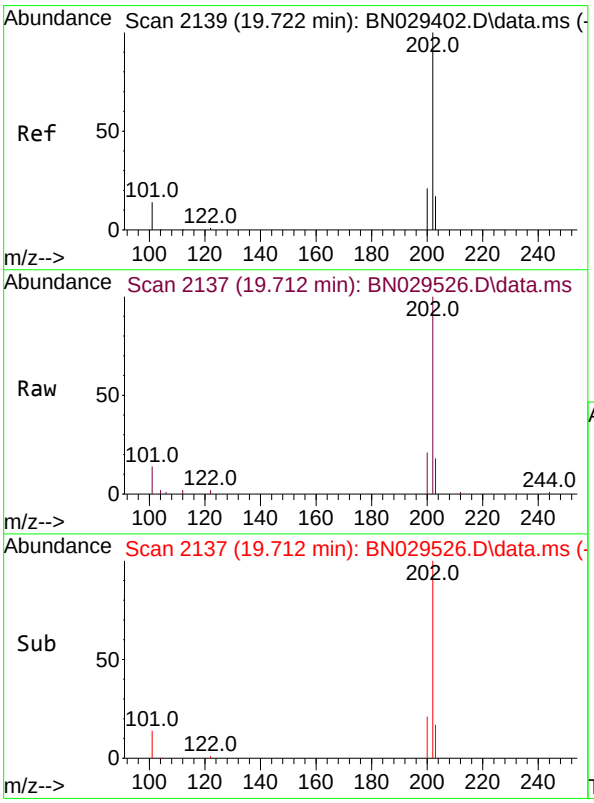
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5269

Ion	Ratio	Lower	Upper
240	100		
120	15.6	16.7	25.1#
236	29.2	23.9	35.9

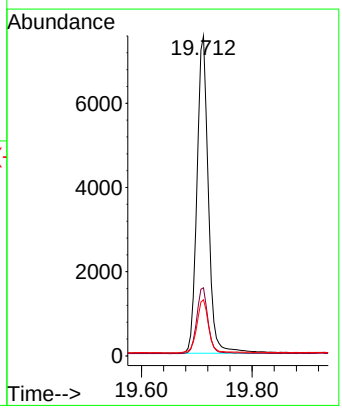


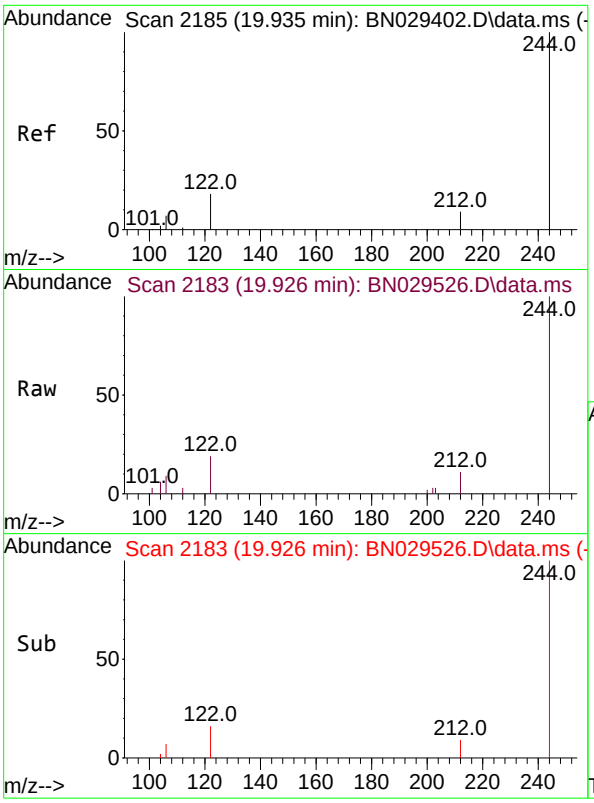


#30
Pyrene
Concen: 0.443 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:202 Resp: 10744

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.6	14.2	21.4



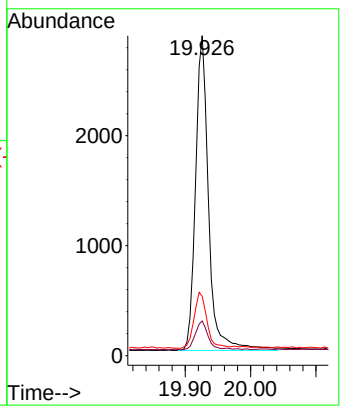


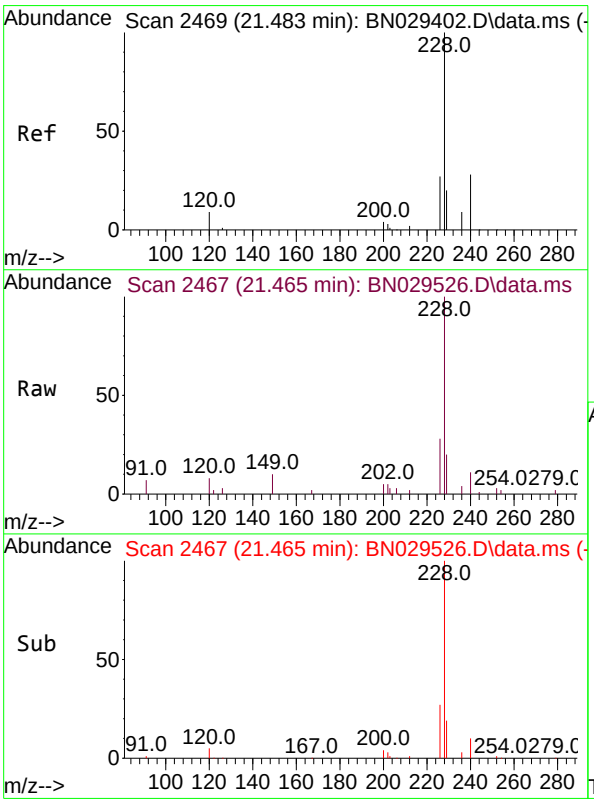
#31
Terphenyl-d14
Concen: 0.303 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3968

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.2	12.4
122	18.5	15.6	23.4

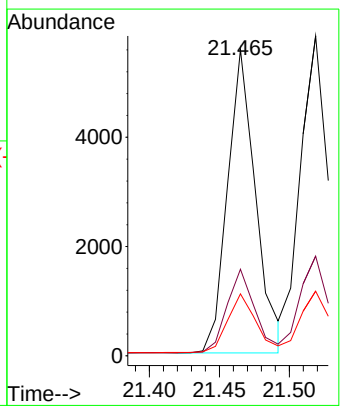


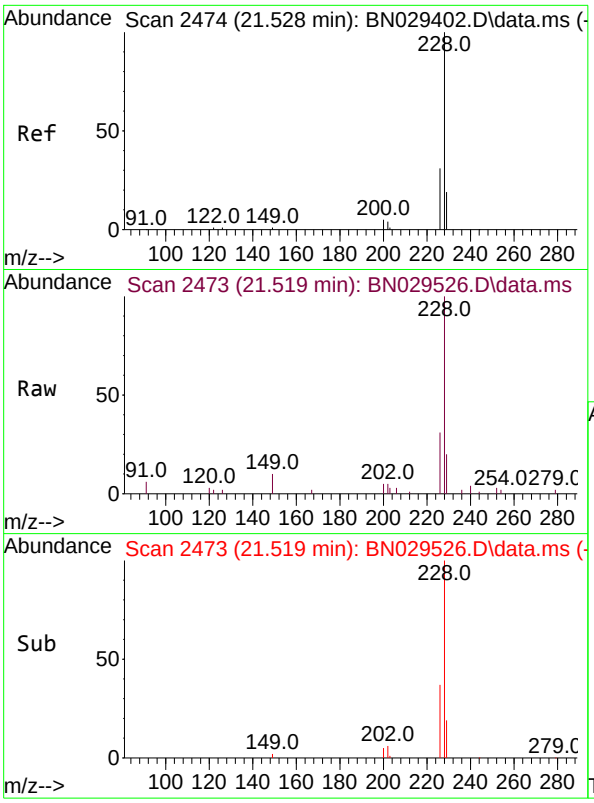


#32
Benzo(a)anthracene
Concen: 0.431 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:228 Resp: 7760

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	20.2	16.5	24.7



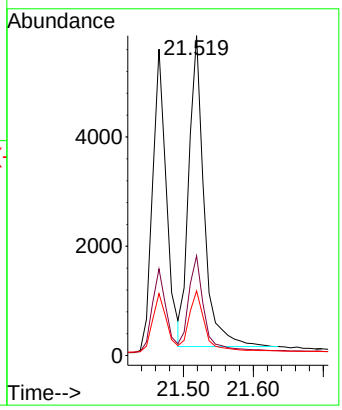


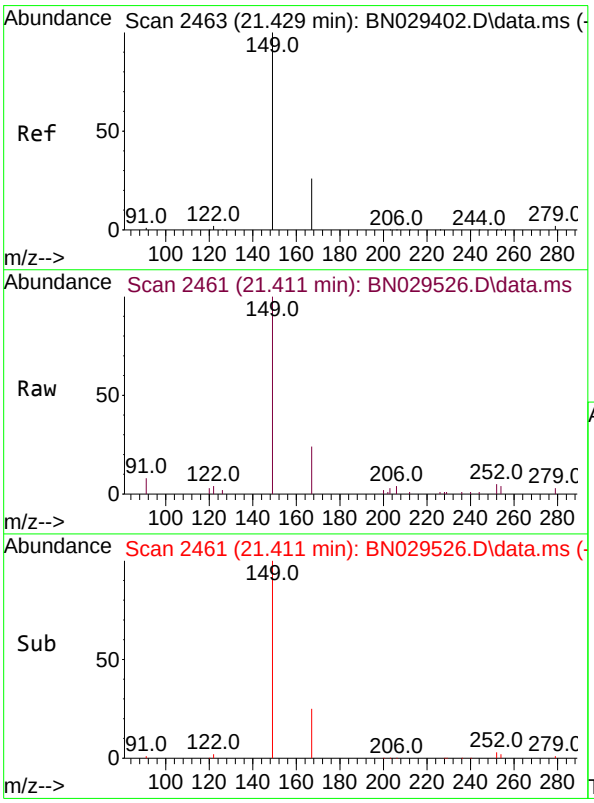
#33
Chrysene
Concen: 0.421 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8621

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.2	15.9	23.9

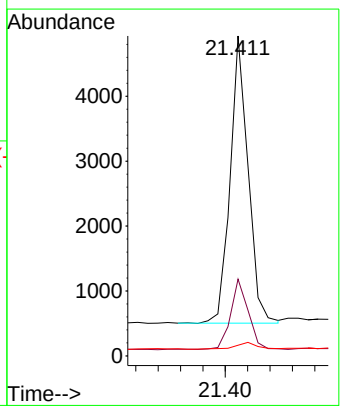


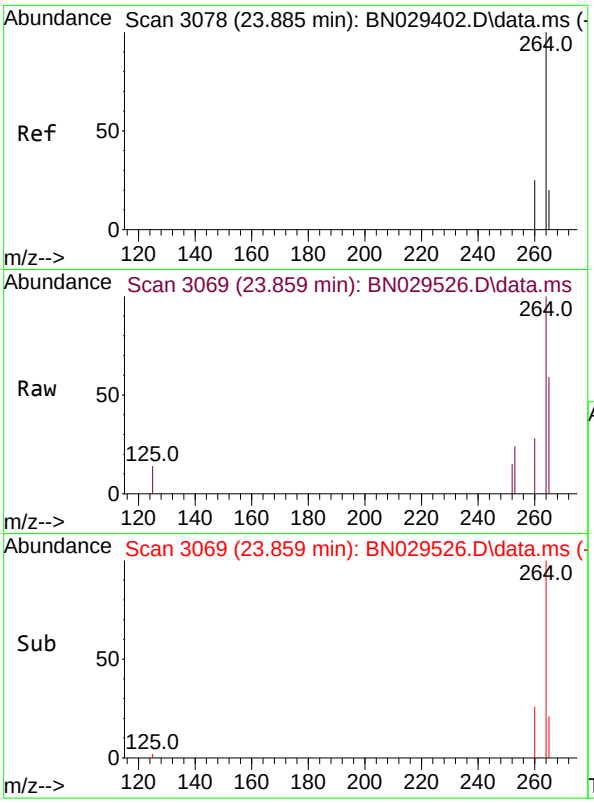


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.403 ng
RT: 21.411 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:149 Resp: 4941

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.1	30.1
279	3.0	2.5	3.7



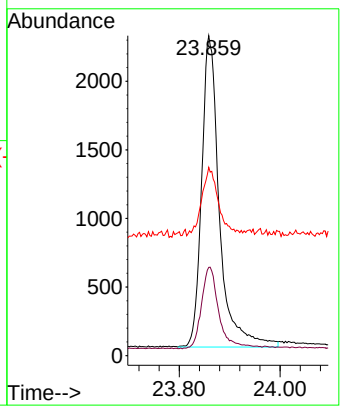


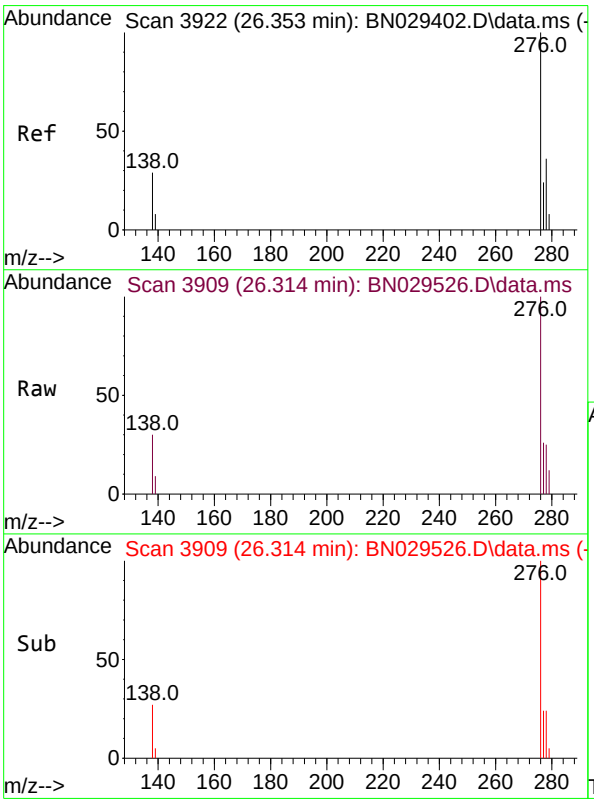
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.859 min Scan# 30
Delta R.T. -0.012 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5552

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.2	31.8
265	58.9	41.5	62.3

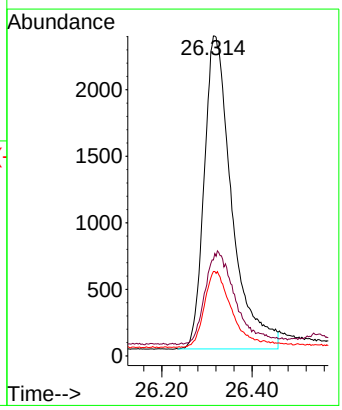


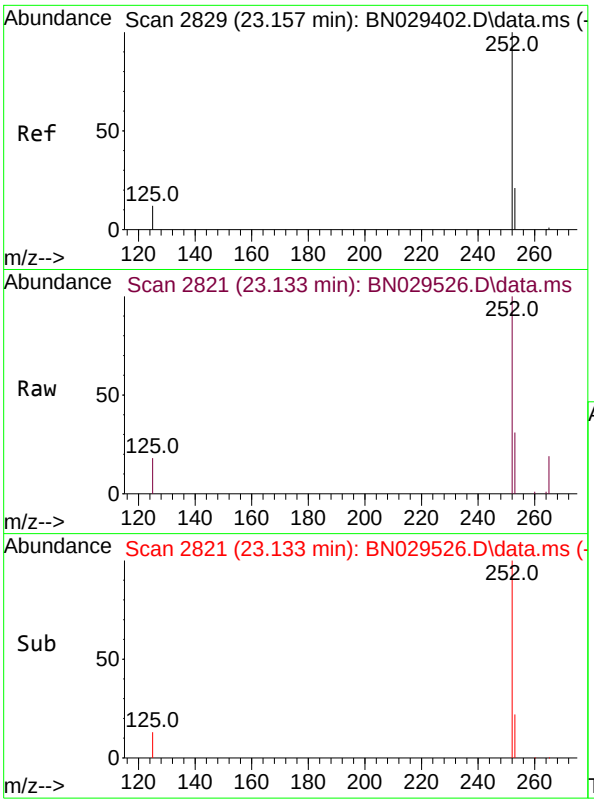


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng
RT: 26.314 min Scan# 3909
Delta R.T. -0.021 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:276 Resp: 10009

Ion	Ratio	Lower	Upper
276	100		
138	30.9	20.5	30.7#
277	23.5	17.0	25.4



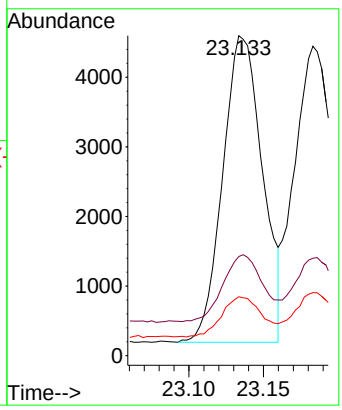


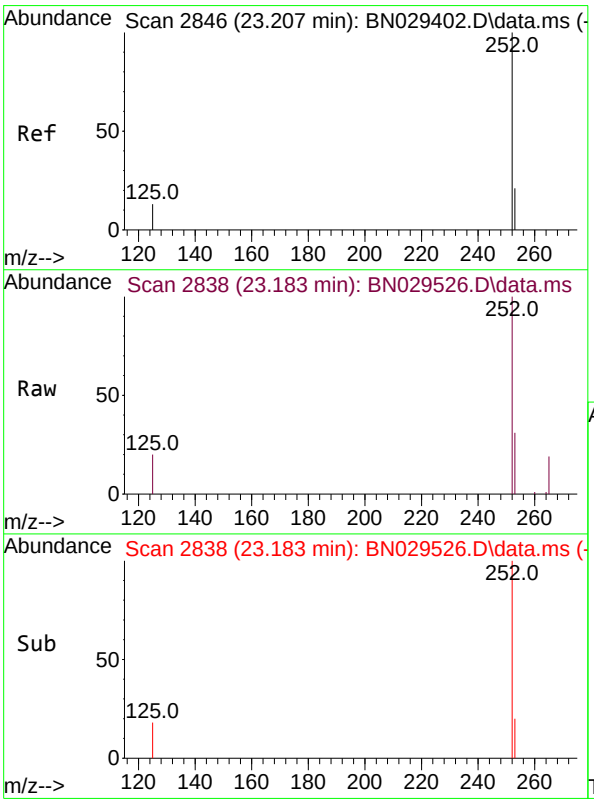
#37
Benzo(b)fluoranthene
Concen: 0.412 ng
RT: 23.133 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8170

Ion	Ratio	Lower	Upper
252	100		
253	31.0	21.7	32.5
125	18.4	13.3	19.9

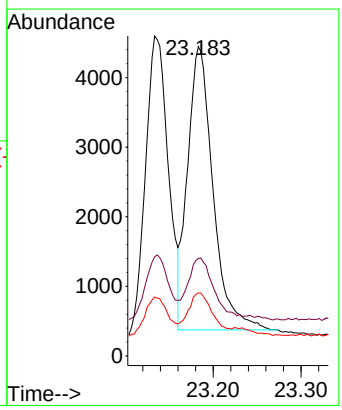


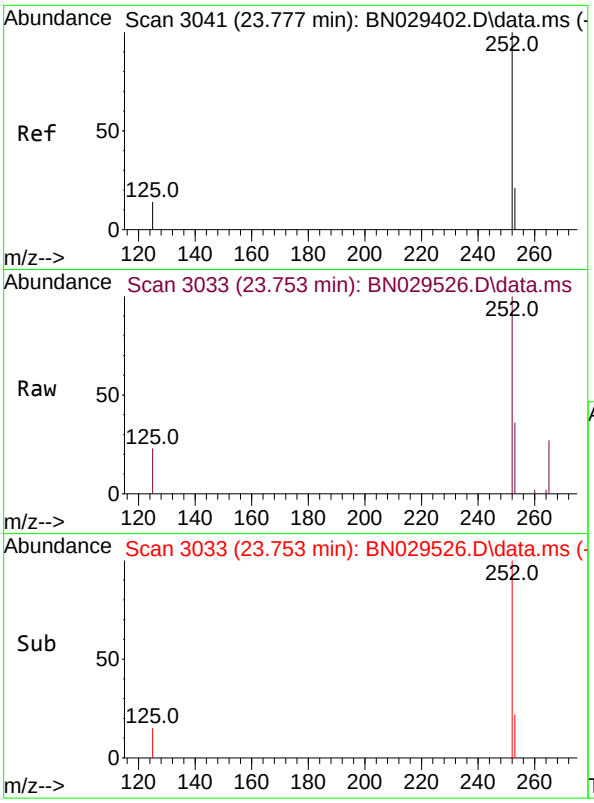


#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.183 min Scan# 2838
Delta R.T. -0.015 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:252 Resp: 8206

Ion	Ratio	Lower	Upper
252	100		
253	31.5	21.8	32.8
125	20.4	13.9	20.9



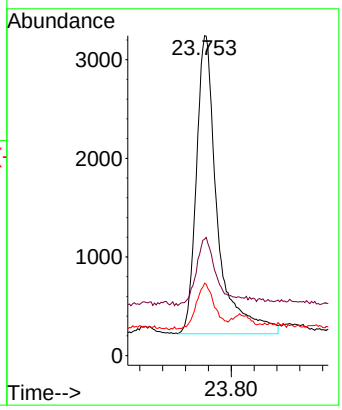


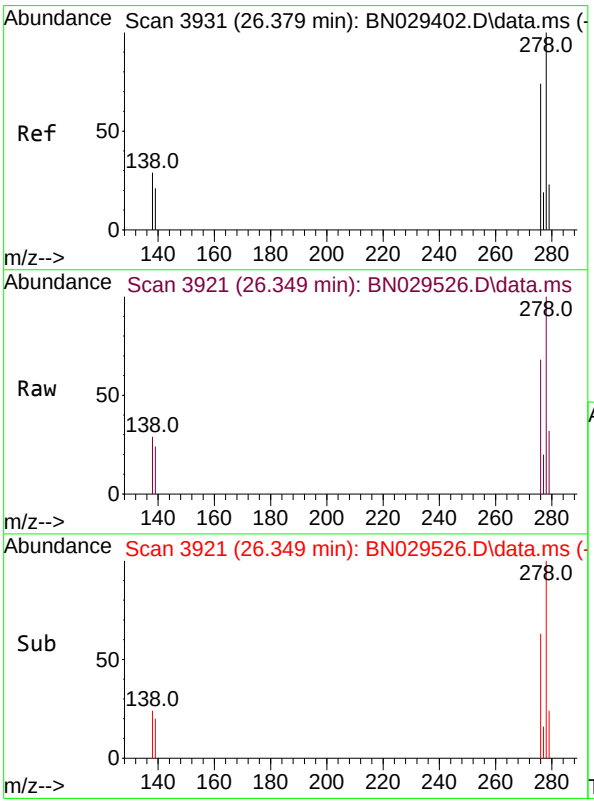
#39
Benzo(a)pyrene
Concen: 0.446 ng
RT: 23.753 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7712

Ion	Ratio	Lower	Upper
252	100		
253	36.4	24.9	37.3
125	22.7	16.6	25.0

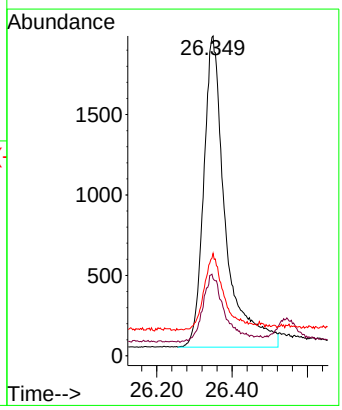


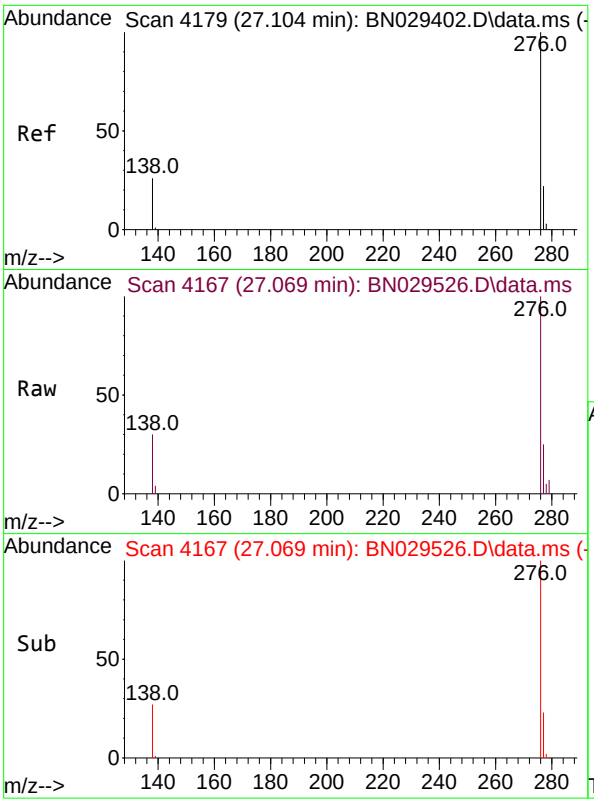


#40
Dibenzo(a,h)anthracene
Concen: 0.438 ng
RT: 26.349 min Scan# 3921
Delta R.T. -0.015 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Tgt Ion:278 Resp: 7783

Ion	Ratio	Lower	Upper
278	100		
139	24.1	20.4	30.6
279	32.0	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 27.069 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN029526.D
Acq: 06 Feb 2024 02:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8946

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.2
138	30.1	23.5	35.3