Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029523.D
Acq On : 06 Feb 2024 00:47
Operator : MA/JU
Sample : PB158825BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 04:23:54 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	4137	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	11111	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4570	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	7846	0.400	ng	0.00
29) Chrysene-d12	21.483	240	4546	0.400	ng	# 0.00
35) Perylene-d12	23.859	264	4527	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3961	0.399	ng	0.00
5) Phenol-d6	7.060	99	4643	0.405	ng	0.00
8) Nitrobenzene-d5	9.057	82	3619	0.391	ng	0.00
11) 2-Methylnaphthalene-d10	12.280	152	7533	0.498	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	500	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	8209	0.418	ng	0.00
27) Fluoranthene-d10	19.317	212	6857	0.361	ng	0.00
31) Terphenyl-d14	19.926	244	4504	0.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1726	0.296	ng	# 55
3) n-Nitrosodimethylamine	3.709	42	1593	0.336	ng	# 86
6) bis(2-Chloroethyl)ether	7.327	93	4220	0.386	ng	99
9) Naphthalene	10.744	128	11859	0.375	ng	100
10) Hexachlorobutadiene	11.021	225	2093	0.349	ng	# 100
12) 2-Methylnaphthalene	12.355	142	6939	0.373	ng	99
16) Acenaphthylene	14.254	152	8720	0.402	ng	100
17) Acenaphthene	14.597	154	5535	0.380	ng	99
18) Fluorene	15.580	166	6648	0.364	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	389	0.338	ng	# 74
21) 4-Bromophenyl-phenylether	16.486	248	1725	0.369	ng	# 70
22) Hexachlorobenzene	16.573	284	2087	0.364	ng	97
23) Atrazine	16.759	200	1189	0.358	ng	99
24) Pentachlorophenol	16.933	266	1385	0.763	ng	98
25) Phenanthrene	17.317	178	9070	0.391	ng	100
26) Anthracene	17.417	178	7537	0.381	ng	99
28) Fluoranthene	19.345	202	8508	0.326	ng	99
30) Pyrene	19.708	202	8656	0.414	ng	100
32) Benzo(a)anthracene	21.465	228	6132	0.395	ng	100
33) Chrysene	21.519	228	7274	0.412	ng	99
34) Bis(2-ethylhexyl)phtha...	21.411	149	3594	0.340	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.326	276	8265	0.454	ng	# 90
37) Benzo(b)fluoranthene	23.136	252	6633	0.410	ng	94
38) Benzo(k)fluoranthene	23.186	252	6581	0.388	ng	95
39) Benzo(a)pyrene	23.756	252	6010	0.426	ng	93
40) Dibenzo(a,h)anthracene	26.352	278	5799	0.400	ng	100
41) Benzo(g,h,i)perylene	27.069	276	7378	0.418	ng	96

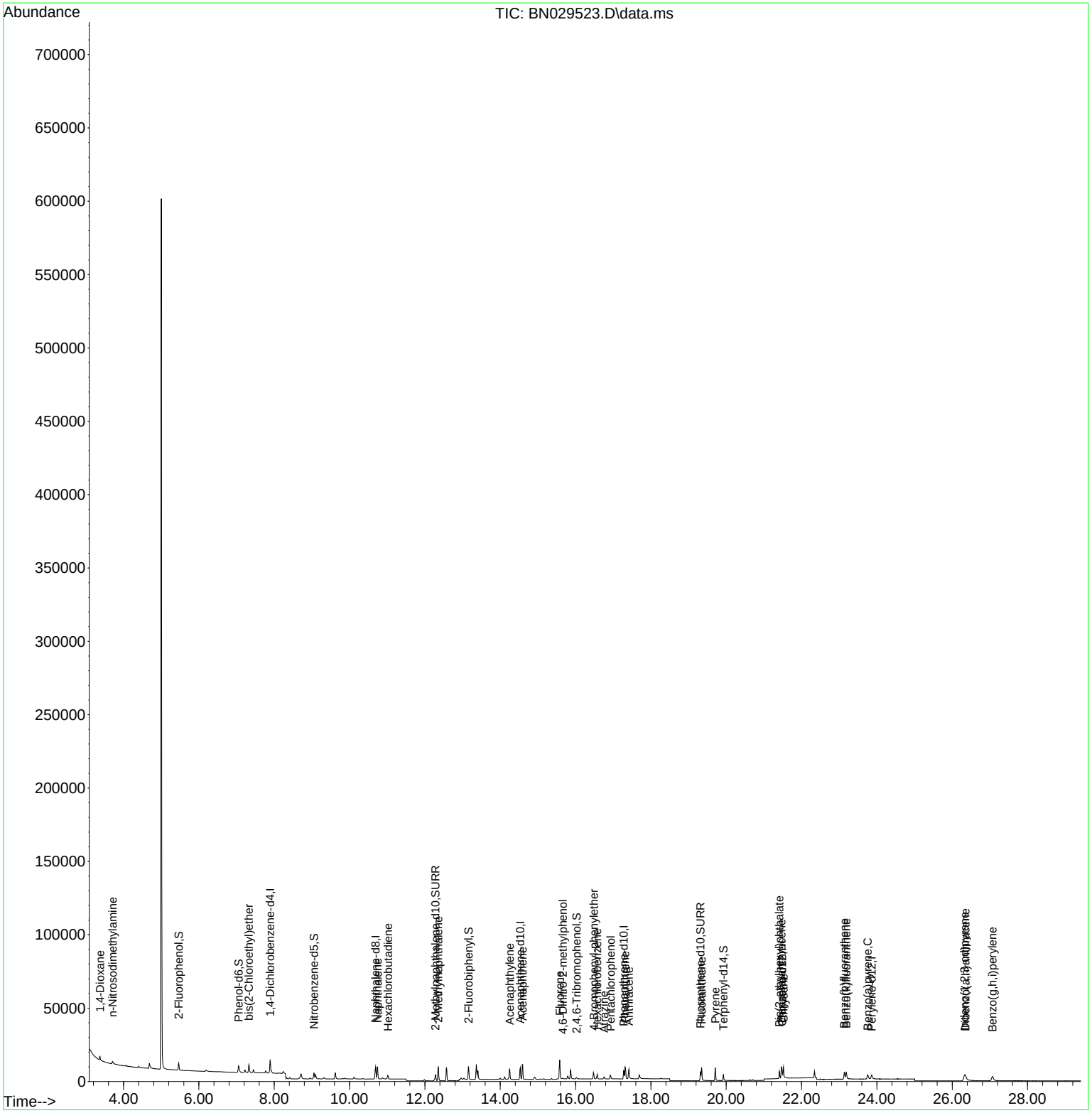
(#) = qualifier out of range (m) = manual integration (+) = signals summed

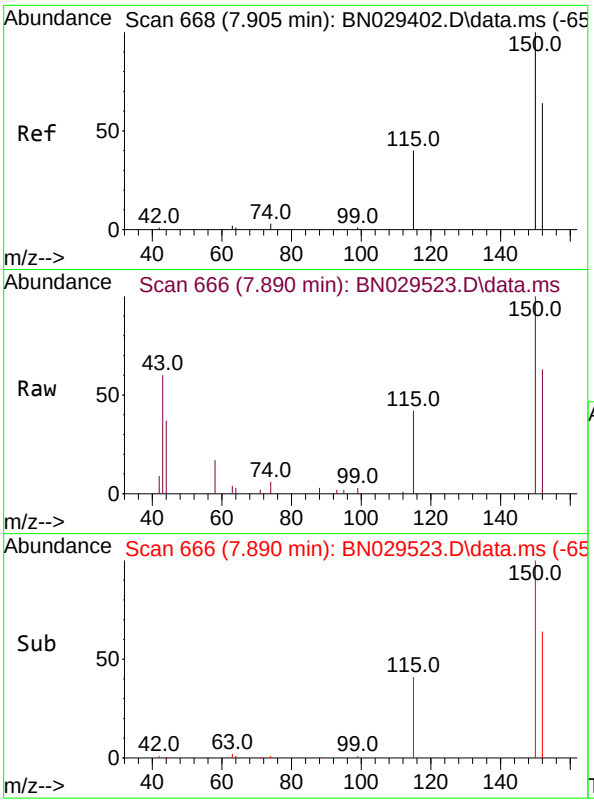
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029523.D
Acq On : 06 Feb 2024 00:47
Operator : MA/JU
Sample : PB158825BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 04:23:54 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



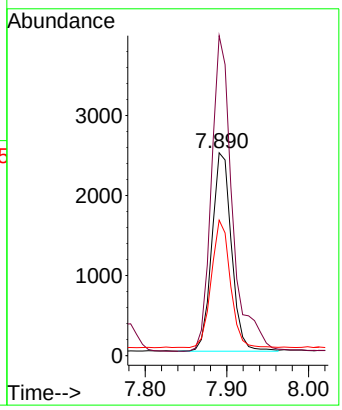


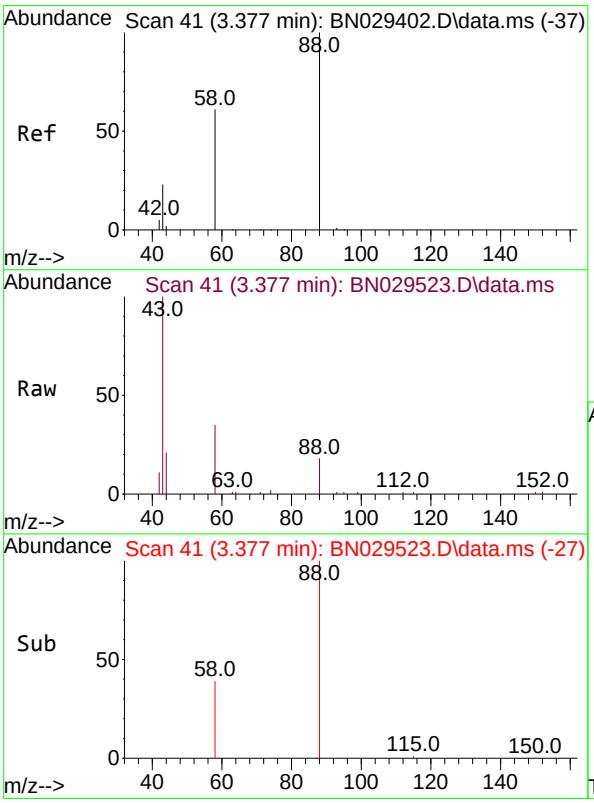
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4137

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.0	184.4
115	66.8	51.4	77.0

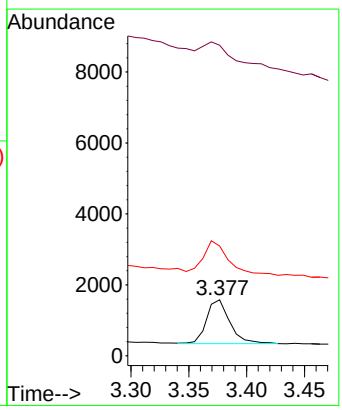


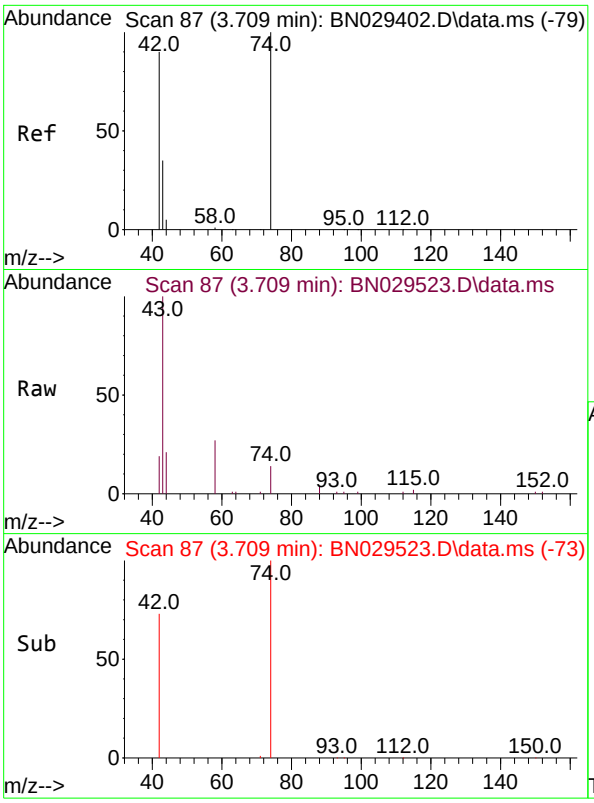


#2
1,4-Dioxane
Concen: 0.296 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion: 88 Resp: 1726

Ion	Ratio	Lower	Upper
88	100		
43	80.2	23.3	34.9#
58	86.3	53.8	80.6#



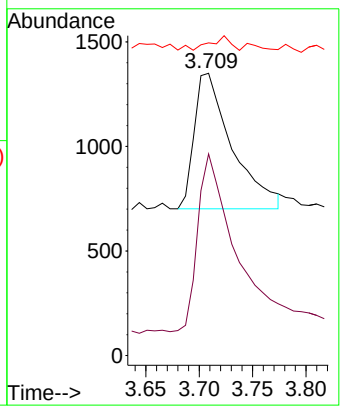


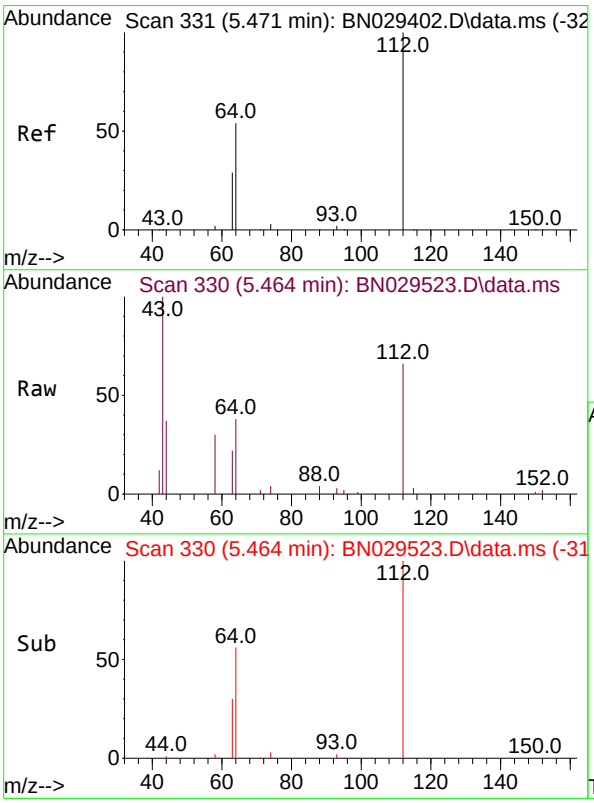
#3
n-Nitrosodimethylamine
Concen: 0.336 ng
RT: 3.709 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1593

Ion	Ratio	Lower	Upper
42	100		
74	130.8	93.7	140.5
44	5.3	13.0	19.4#

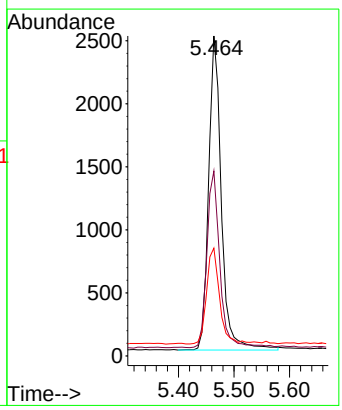


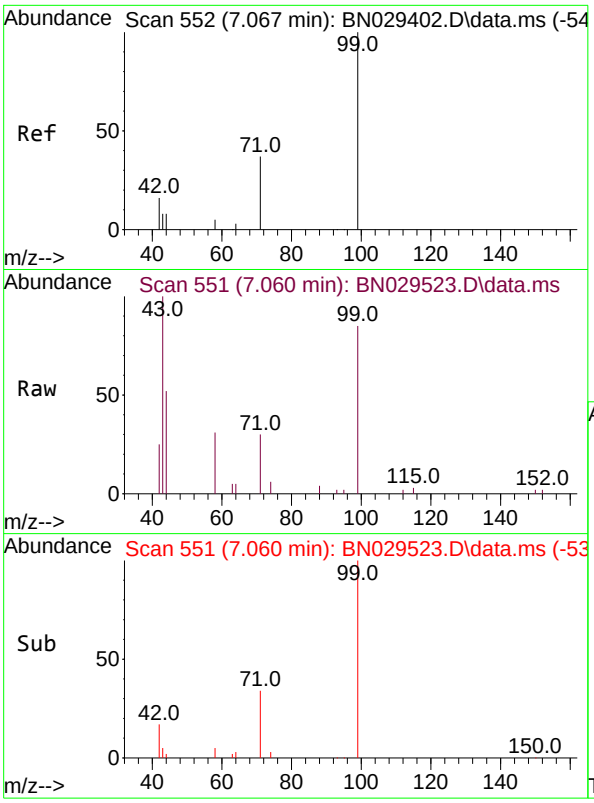


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:112 Resp: 3961

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.2	70.8
63	31.6	25.8	38.6



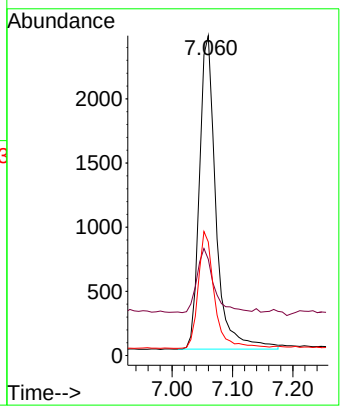


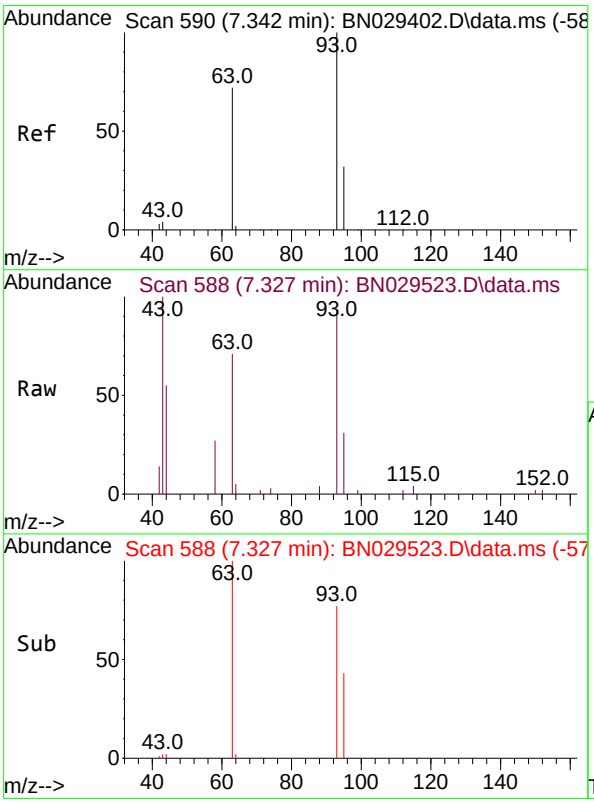
#5
Phenol-d6
Concen: 0.405 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4643

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.9	25.3
71	36.6	30.0	45.0

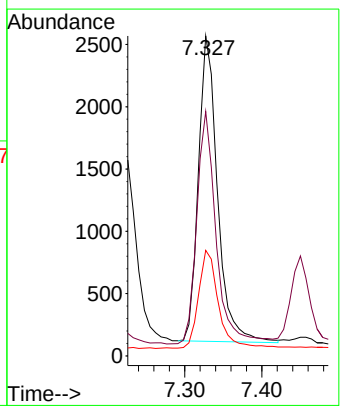


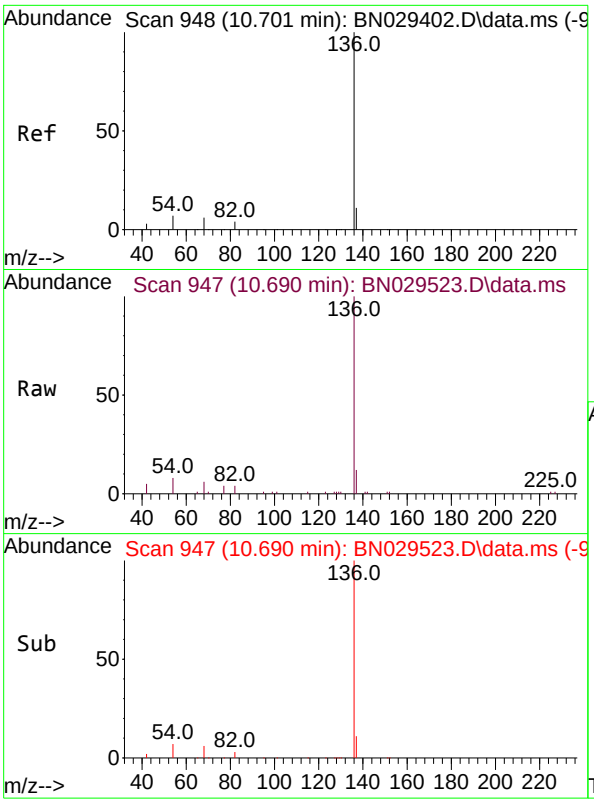


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion: 93 Resp: 4220

Ion	Ratio	Lower	Upper
93	100		
63	77.3	63.1	94.7
95	34.0	27.1	40.7



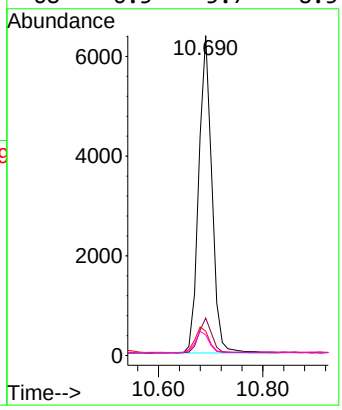


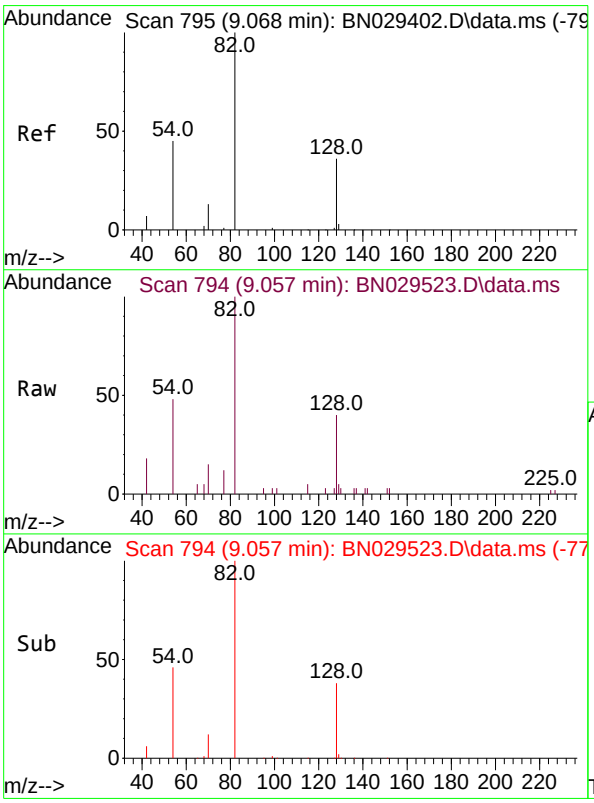
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11111

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	7.6	6.6	10.0
68	6.5	5.7	8.5

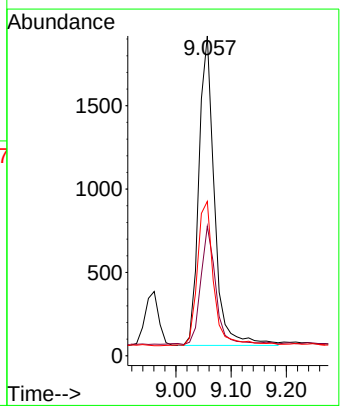


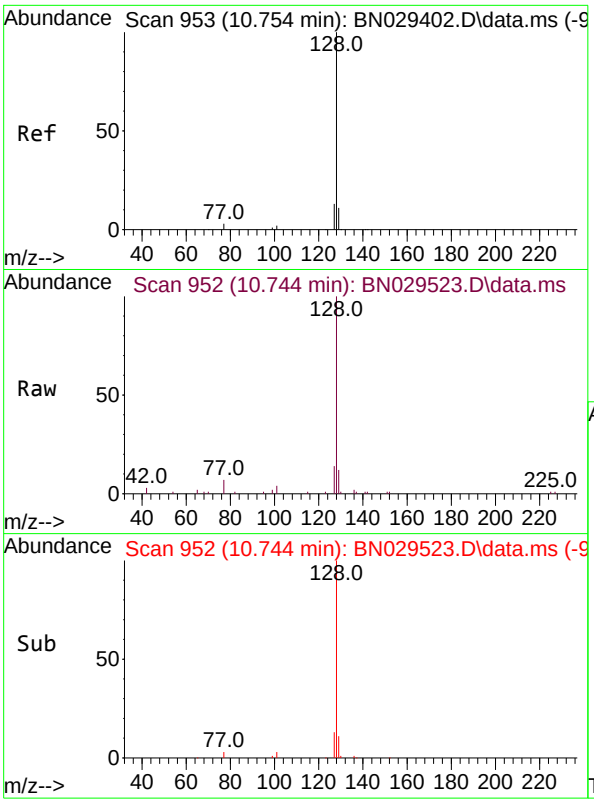


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion: 82 Resp: 3619

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.6	47.4
54	48.3	38.2	57.4



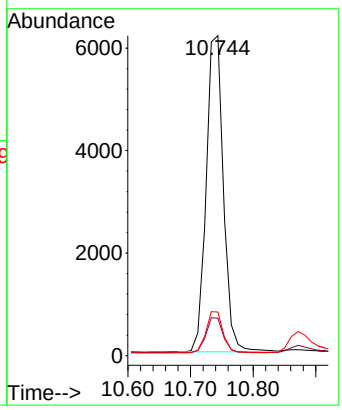


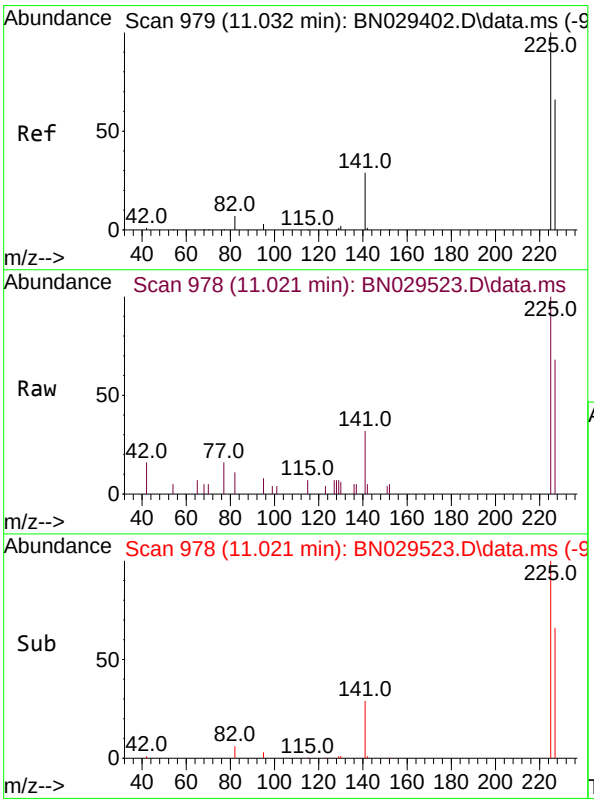
#9
Naphthalene
Concen: 0.375 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 11859

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.6	10.8	16.2

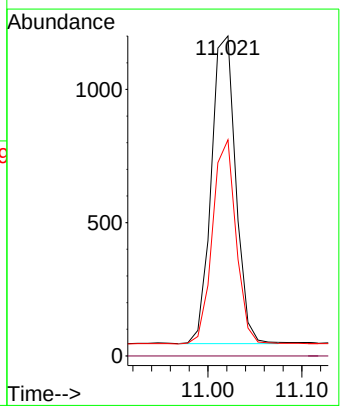


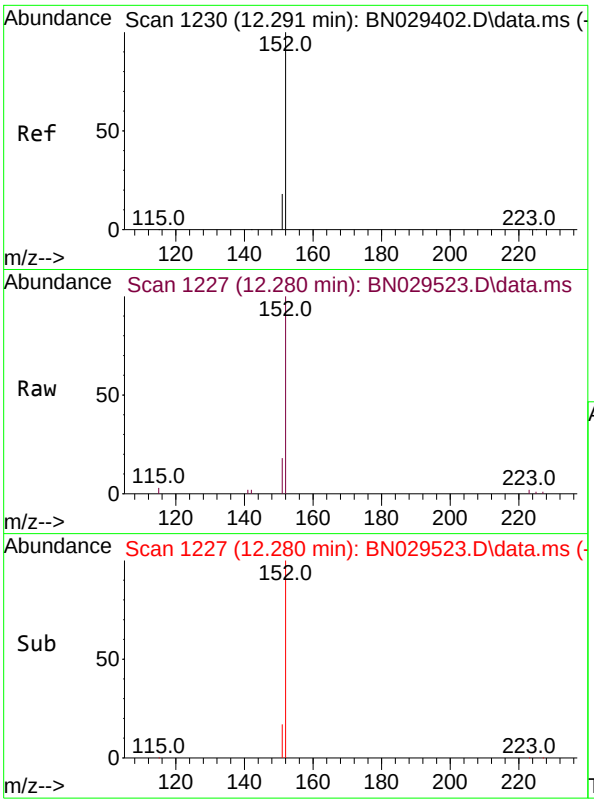


#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:225 Resp: 2093

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



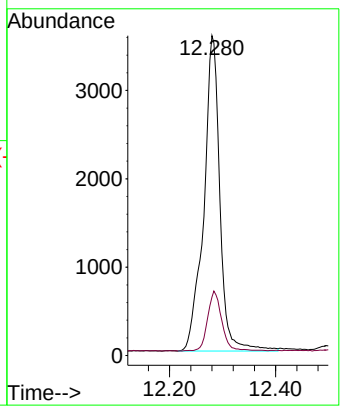


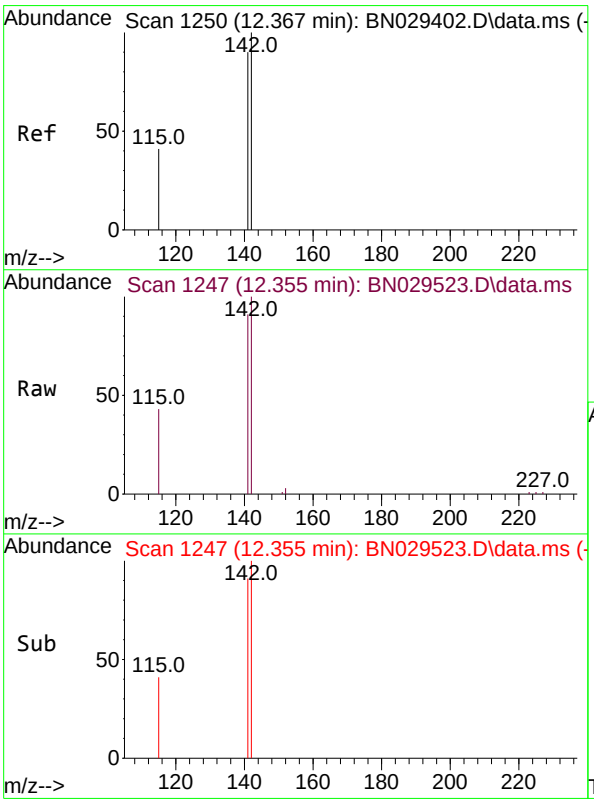
#11
2-Methylnaphthalene-d10
Concen: 0.498 ng
RT: 12.280 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7533

Ion	Ratio	Lower	Upper
152	100		
151	16.7	17.1	25.7#

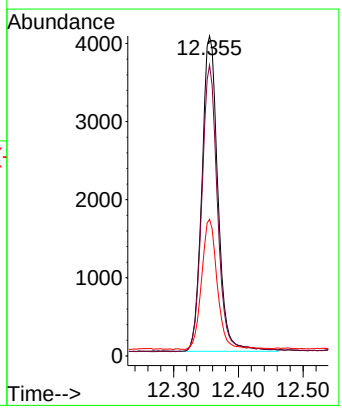


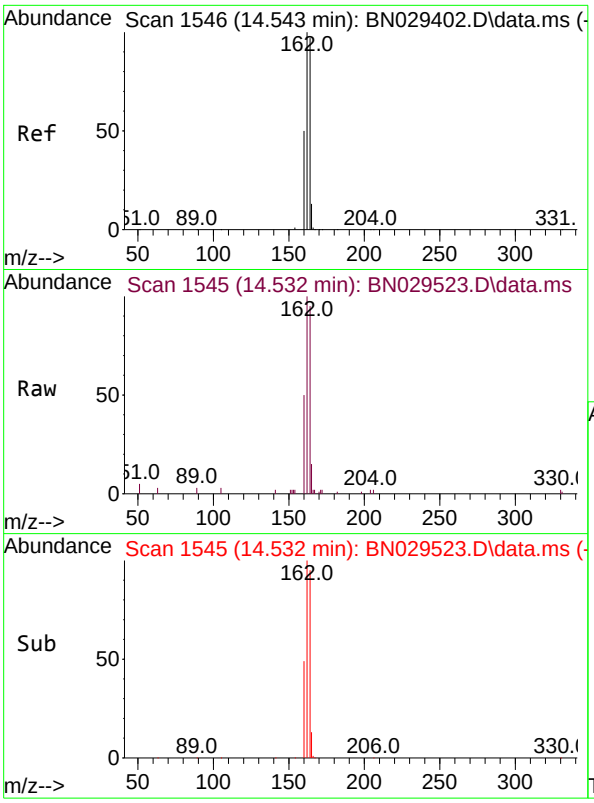


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:142 Resp: 6939

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	42.7	33.9	50.9



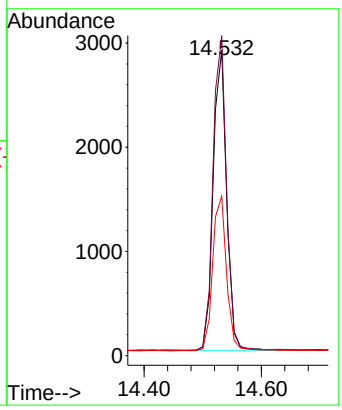


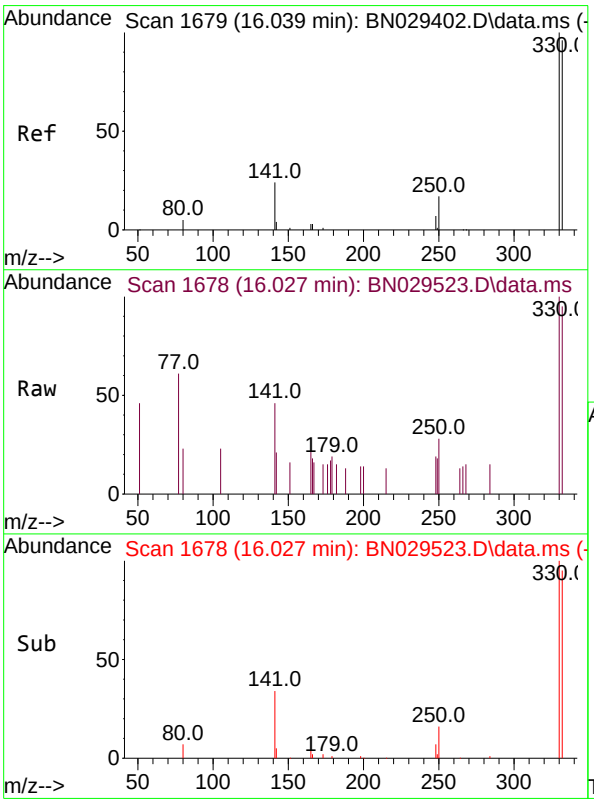
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4570

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	52.1	41.5	62.3

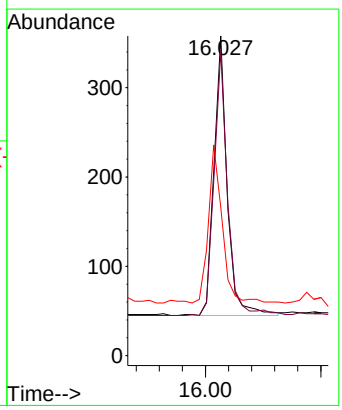


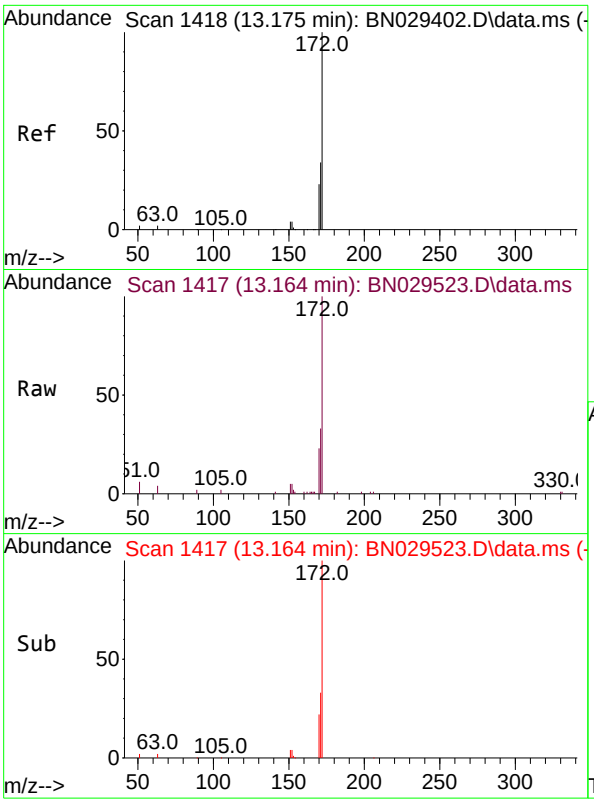


#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 16.027 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:330 Resp: 500

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	58.6	43.4	65.2



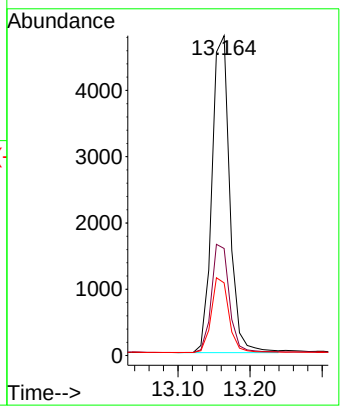


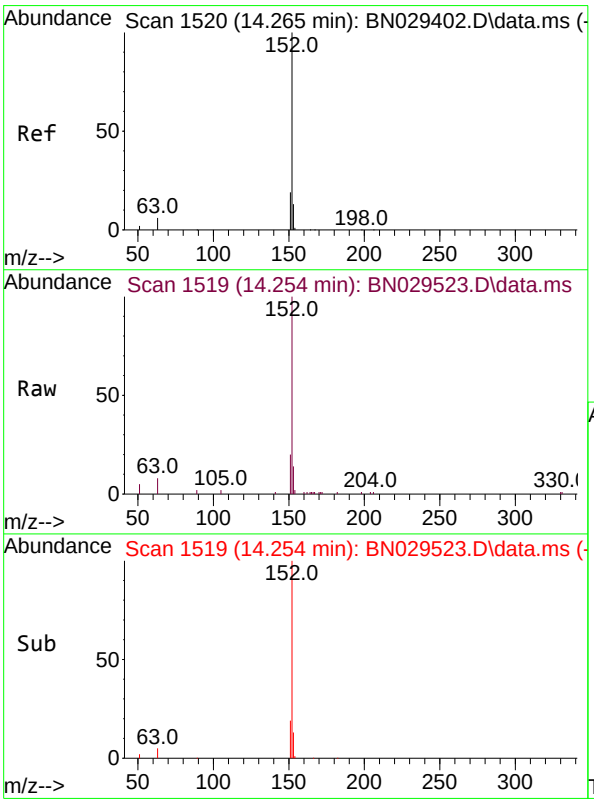
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 8209

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.0	42.0
170	22.7	18.7	28.1

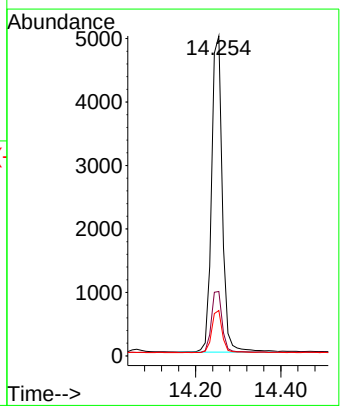


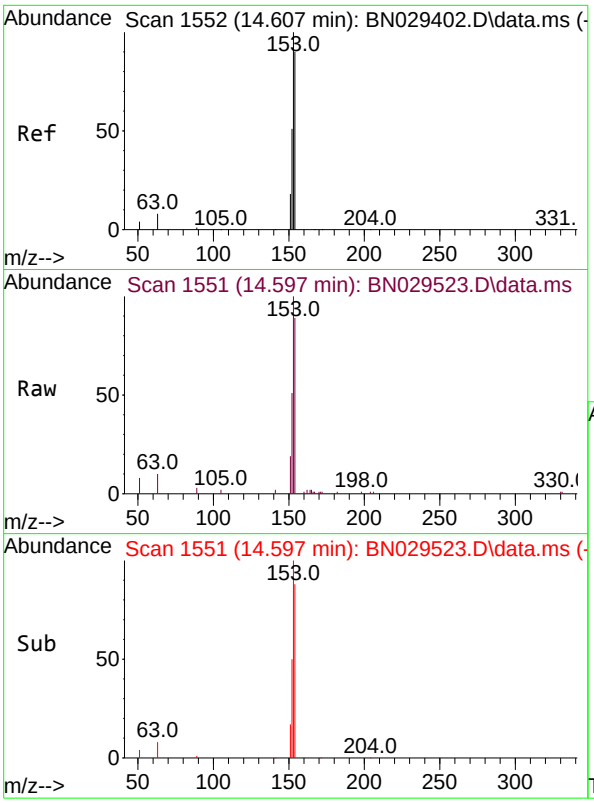


#16
Acenaphthylene
Concen: 0.402 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:152 Resp: 8720

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.2	10.5	15.7



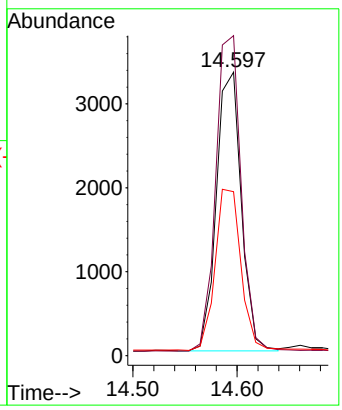


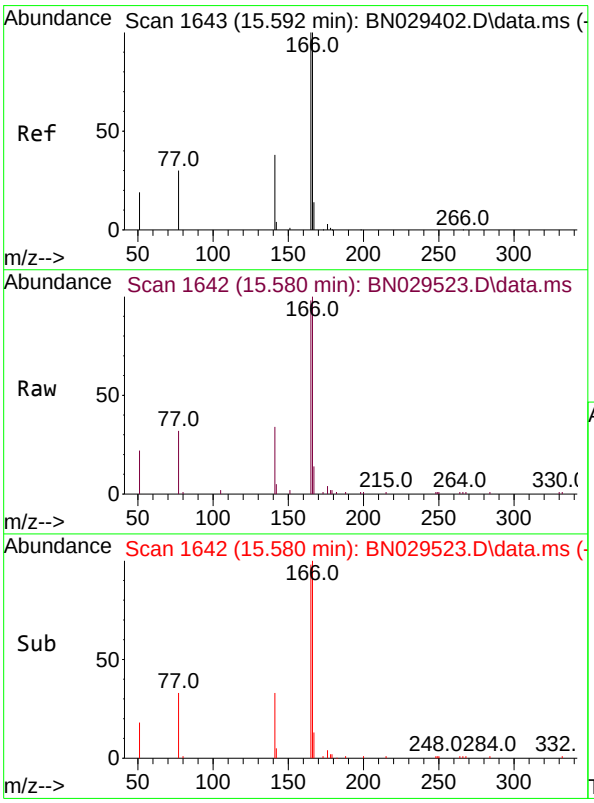
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.597 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5535

Ion	Ratio	Lower	Upper
154	100		
153	115.5	93.6	140.4
152	60.1	48.6	73.0

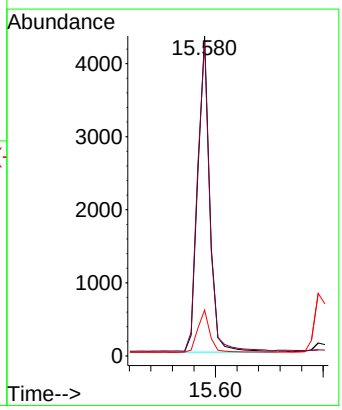


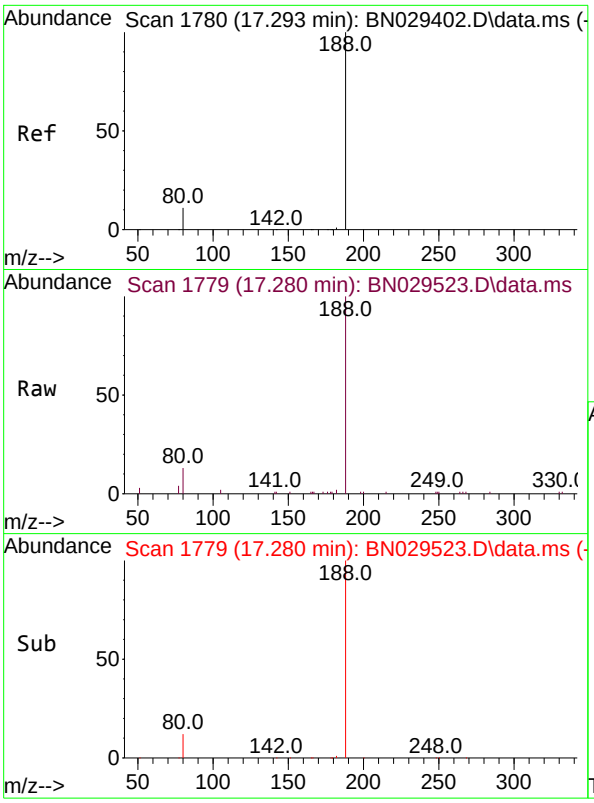


#18
Fluorene
Concen: 0.364 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:166 Resp: 6648

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.9	119.9
167	13.7	11.3	16.9



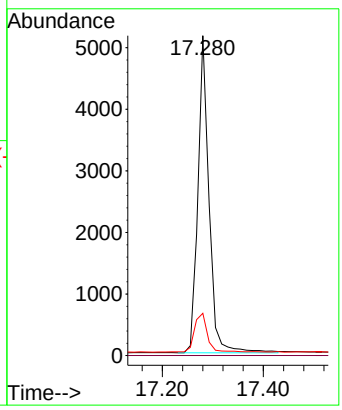


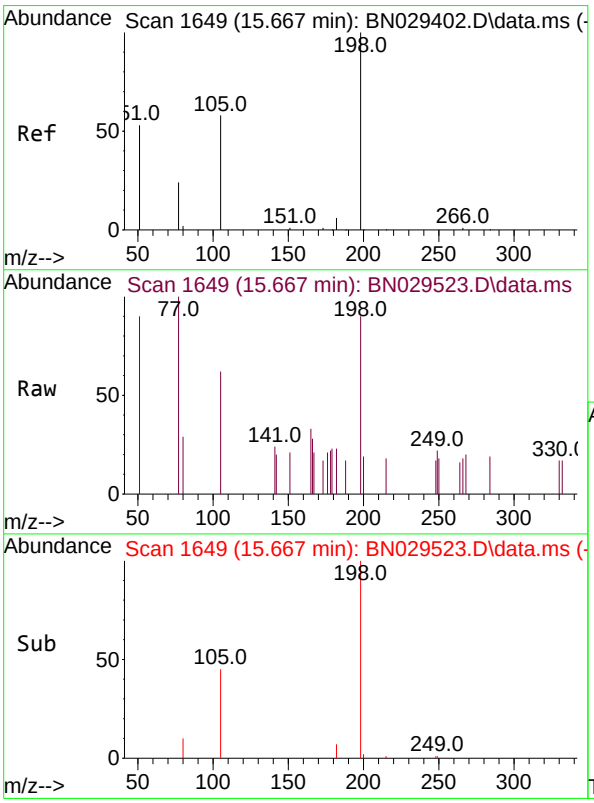
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7846

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	10.0	15.0

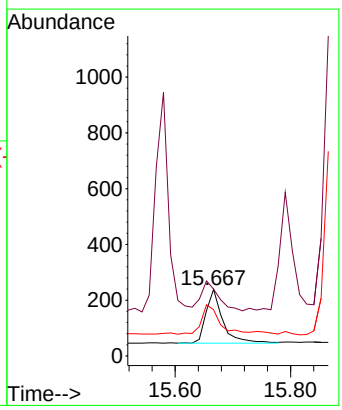


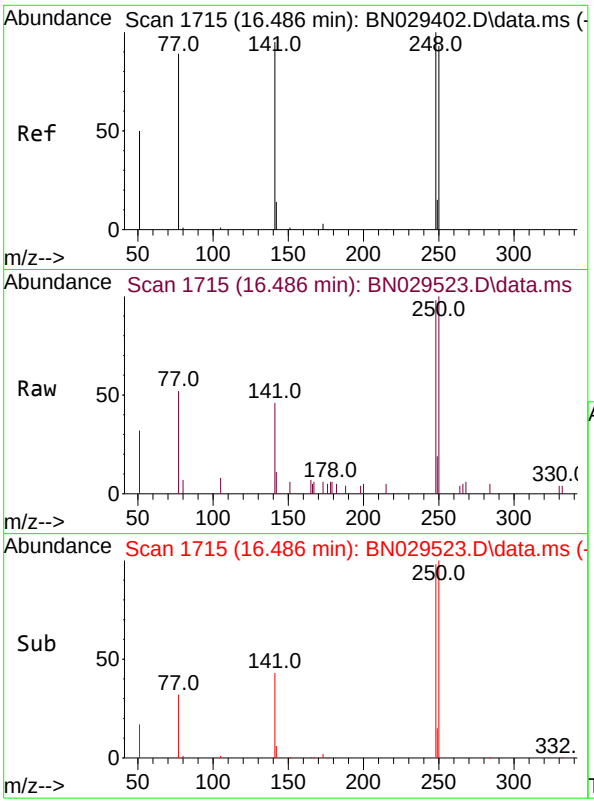


#20
4,6-Dinitro-2-methylphenol
Concen: 0.338 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:198 Resp: 389

Ion	Ratio	Lower	Upper
198	100		
51	100.4	111.0	166.6#
105	69.5	67.0	100.6



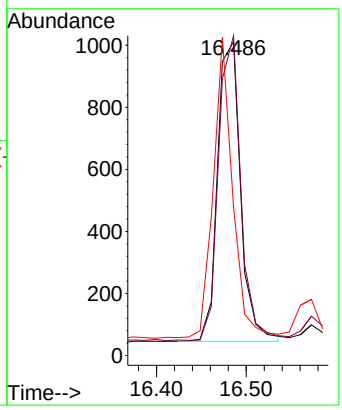


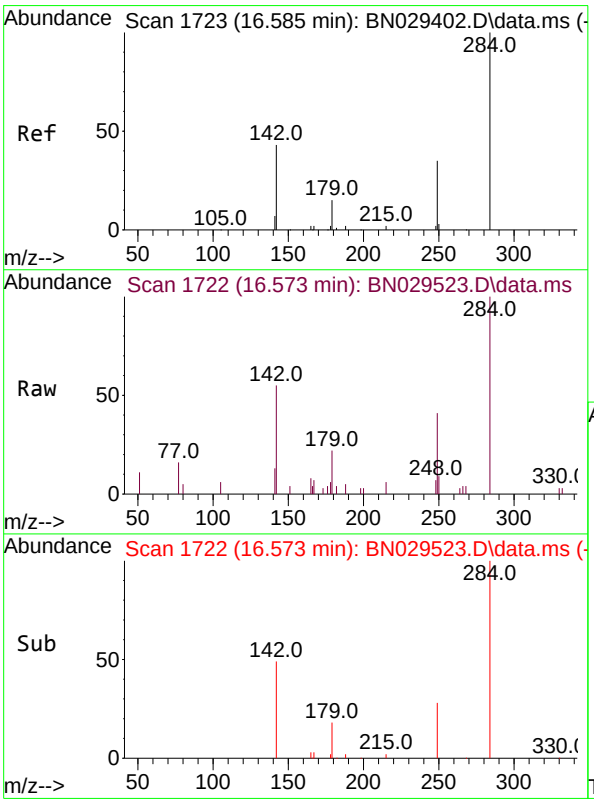
#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1725

Ion	Ratio	Lower	Upper
248	100		
250	102.0	75.0	112.4
141	47.3	77.0	115.6#

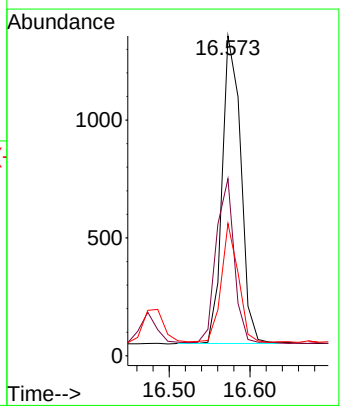


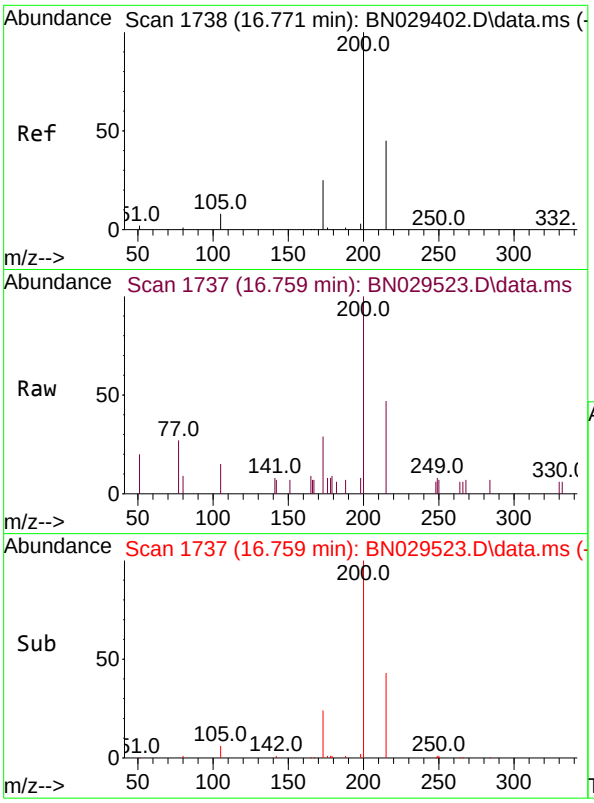


#22
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:284 Resp: 2087

Ion	Ratio	Lower	Upper
284	100		
142	51.6	39.4	59.2
249	35.3	26.9	40.3



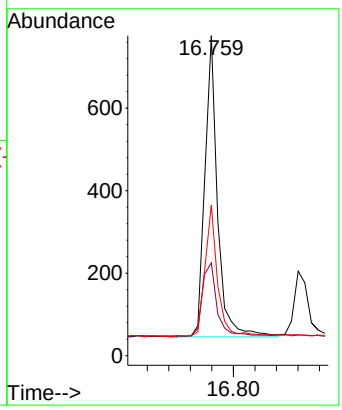


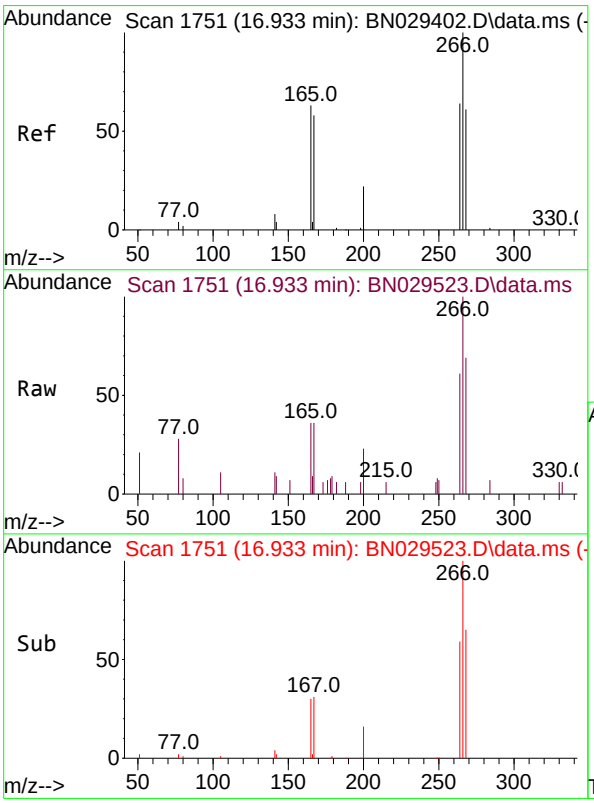
#23
Atrazine
Concen: 0.358 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1189

Ion	Ratio	Lower	Upper
200	100		
173	29.0	23.4	35.0
215	47.0	38.4	57.6

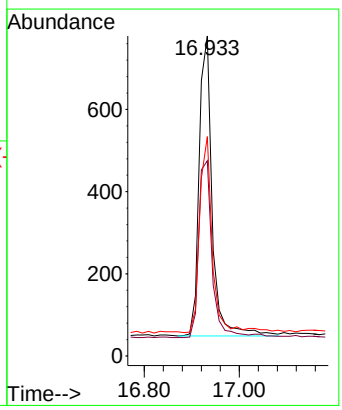


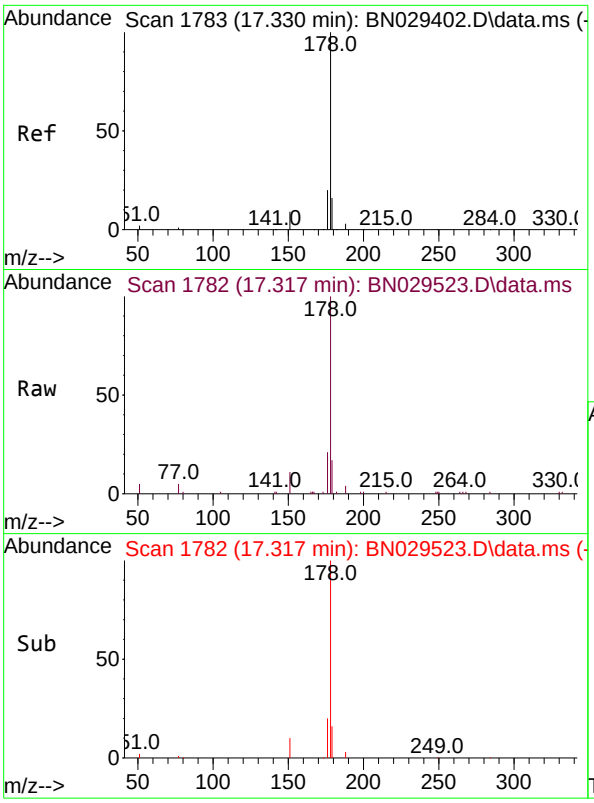


#24
Pentachlorophenol
Concen: 0.763 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:266 Resp: 1385

Ion	Ratio	Lower	Upper
266	100		
264	60.4	50.8	76.2
268	64.0	51.5	77.3



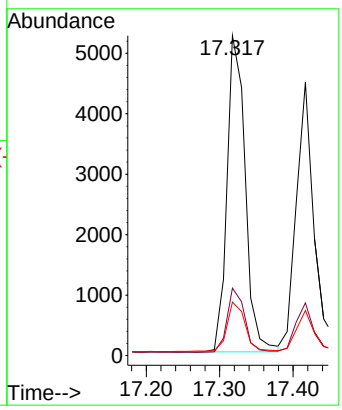


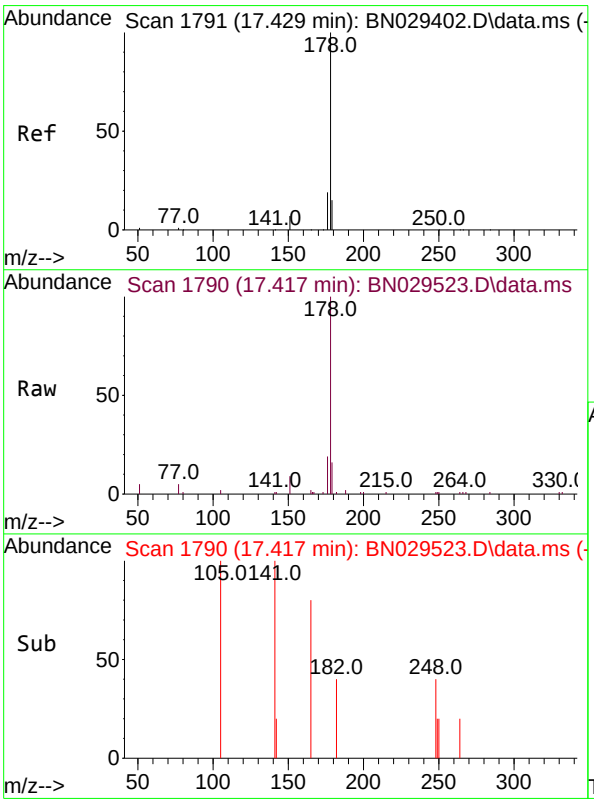
#25
Phenanthrene
Concen: 0.391 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9070

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.8	12.6	19.0

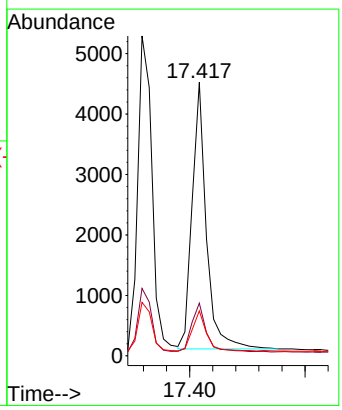


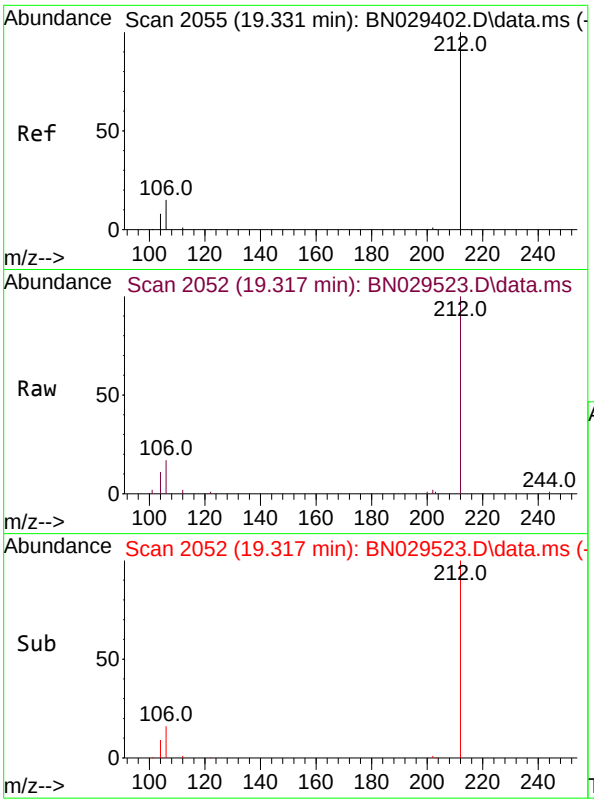


#26
Anthracene
Concen: 0.381 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:178 Resp: 7537

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	14.8	12.3	18.5



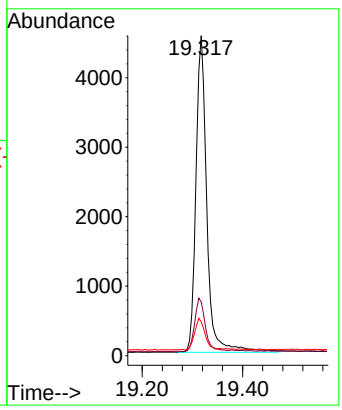


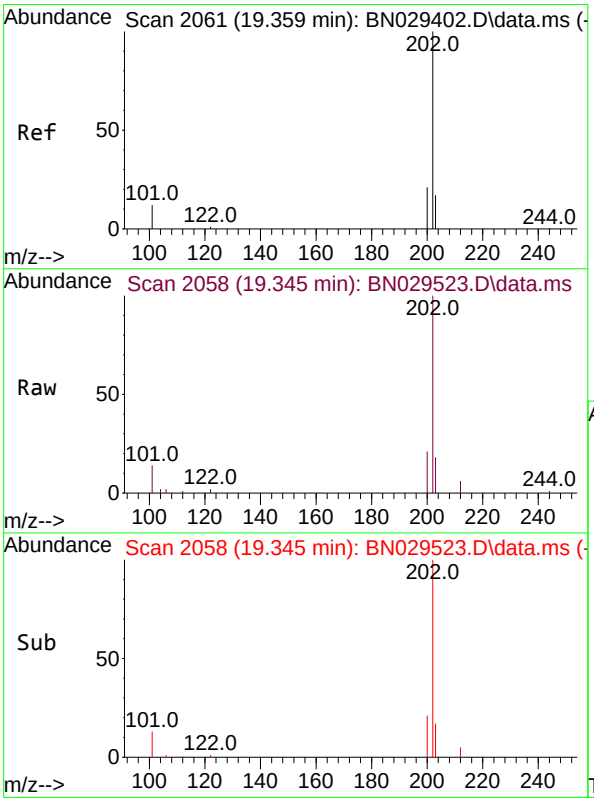
#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.317 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6857

Ion	Ratio	Lower	Upper
212	100		
106	16.6	13.2	19.8
104	9.5	7.7	11.5

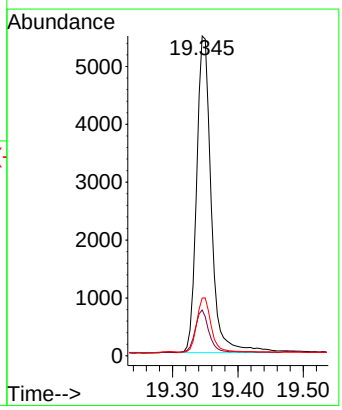


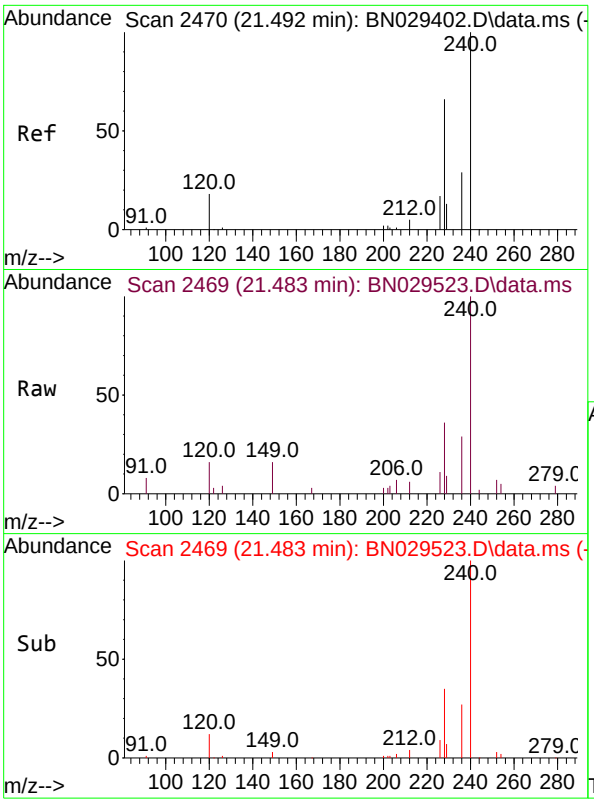


#28
Fluoranthene
Concen: 0.326 ng
RT: 19.345 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:202 Resp: 8508

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.5	15.7
203	17.2	13.5	20.3



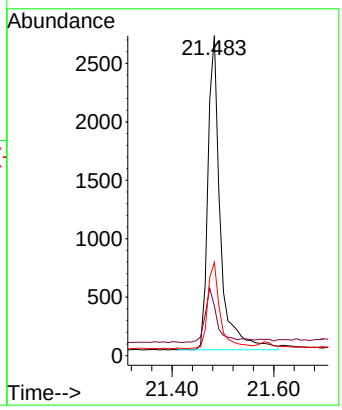


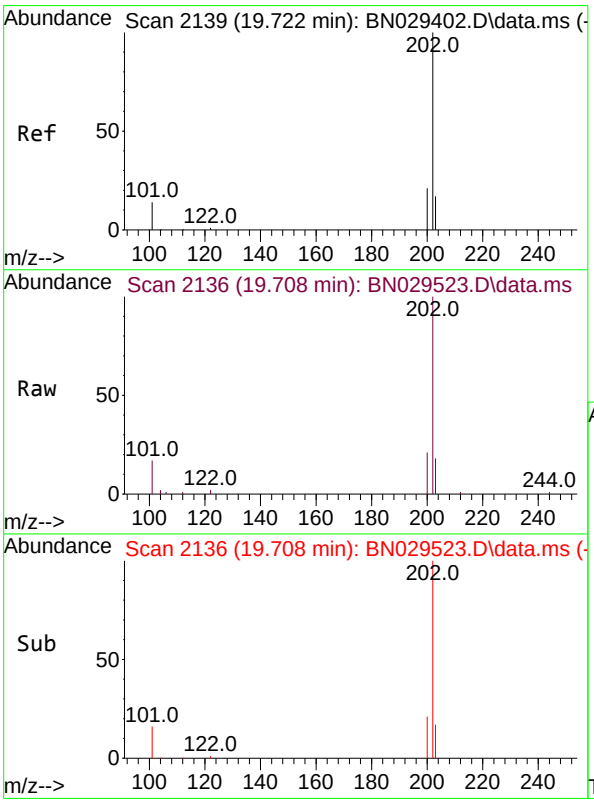
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4546

Ion	Ratio	Lower	Upper
240	100		
120	15.5	16.7	25.1#
236	29.1	23.9	35.9

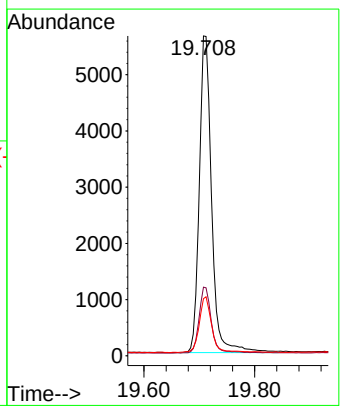


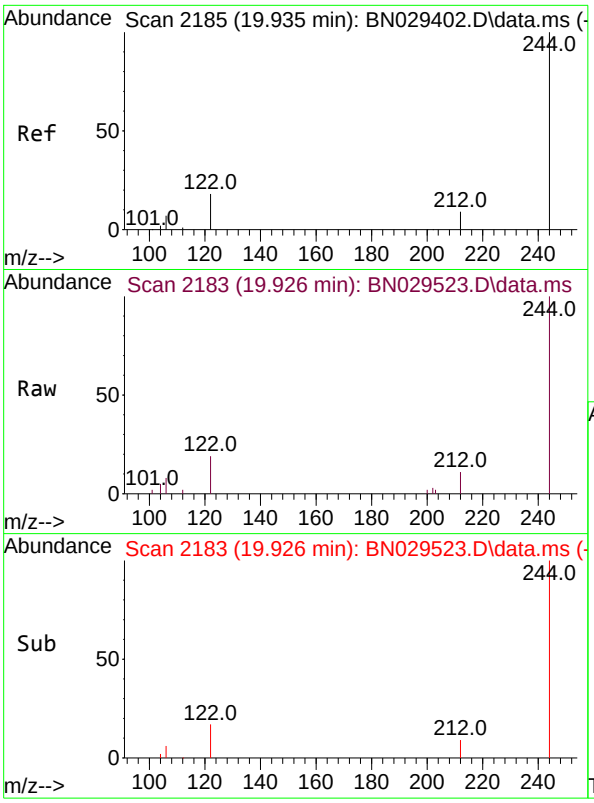


#30
Pyrene
Concen: 0.414 ng
RT: 19.708 min Scan# 2136
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:202 Resp: 8656

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.2	21.4



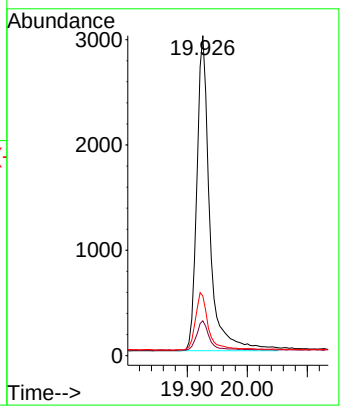


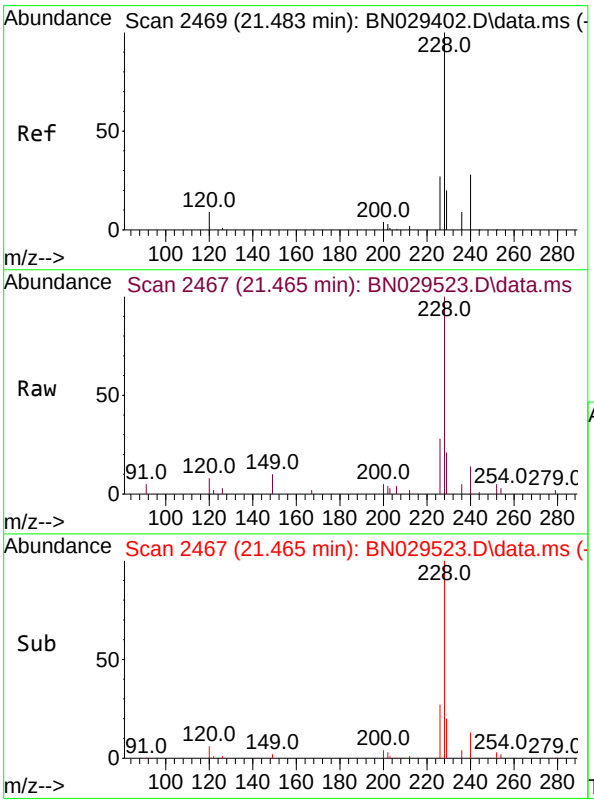
#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4504

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.2	12.4
122	18.6	15.6	23.4

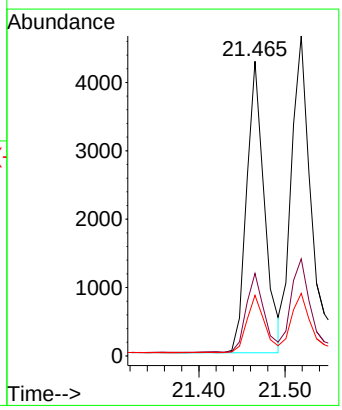


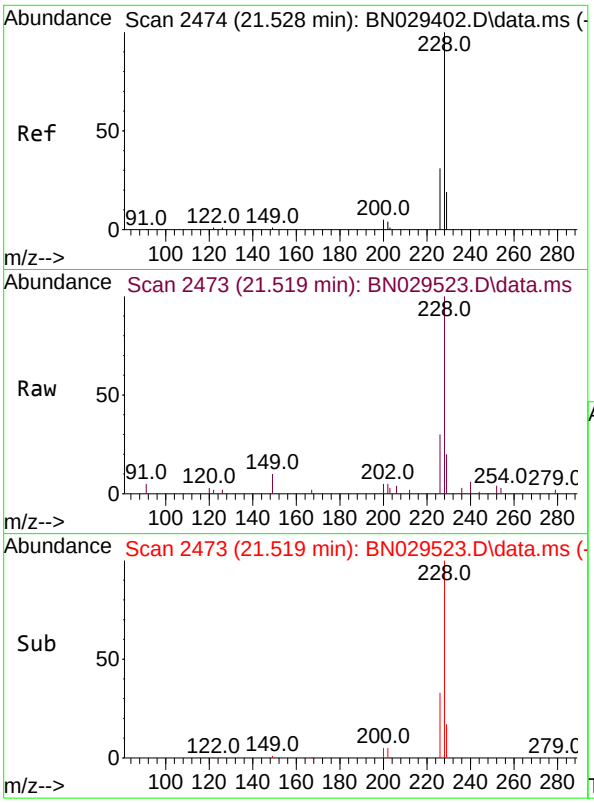


#32
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:228 Resp: 6132

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.6	16.5	24.7



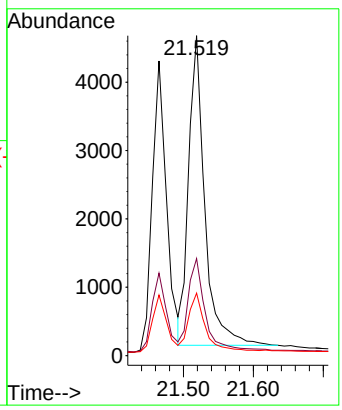


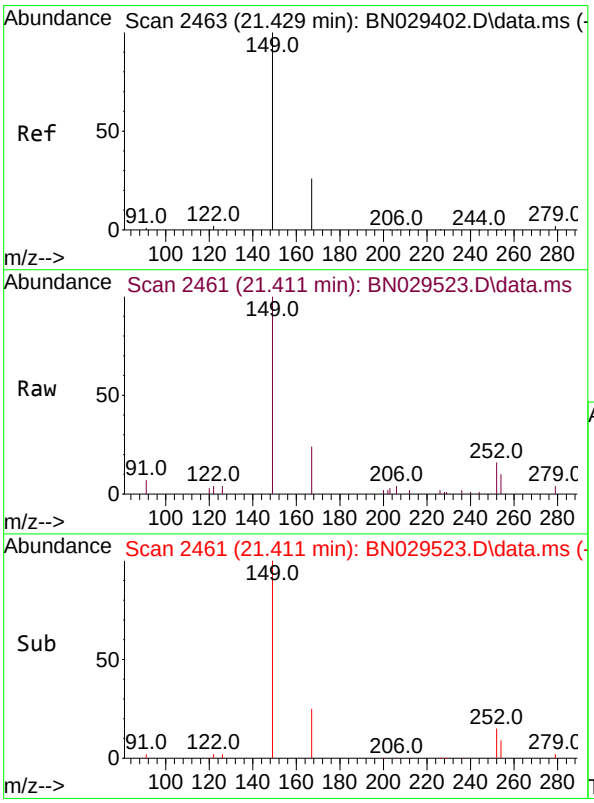
#33
Chrysene
Concen: 0.412 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7274

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.5	15.9	23.9

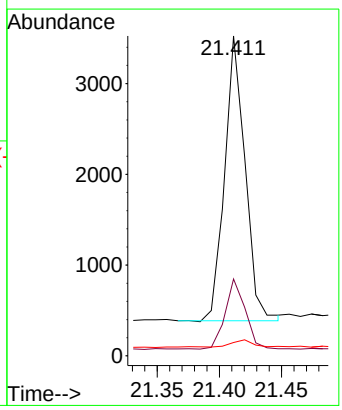


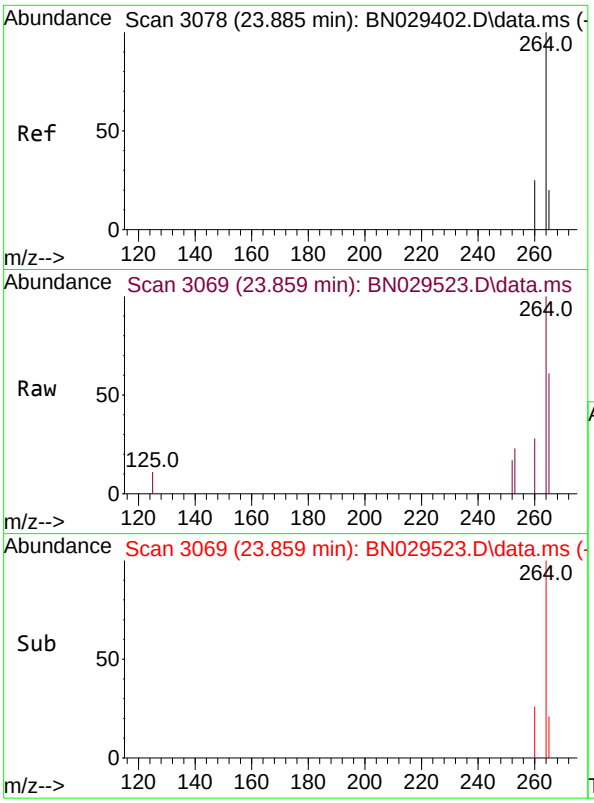


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.340 ng
RT: 21.411 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:149 Resp: 3594

Ion	Ratio	Lower	Upper
149	100		
167	24.3	20.1	30.1
279	3.7	2.5	3.7#



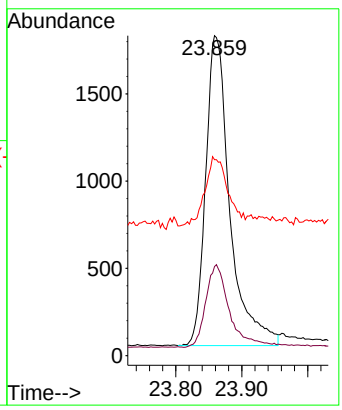


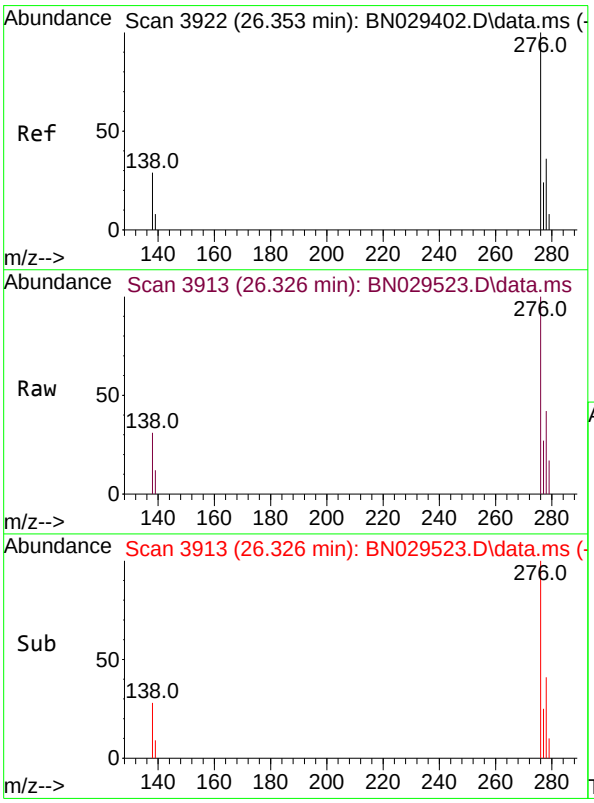
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.859 min Scan# 30
Delta R.T. -0.012 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 4527

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.2	31.8
265	61.2	41.5	62.3

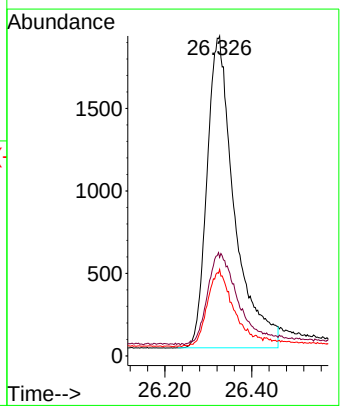


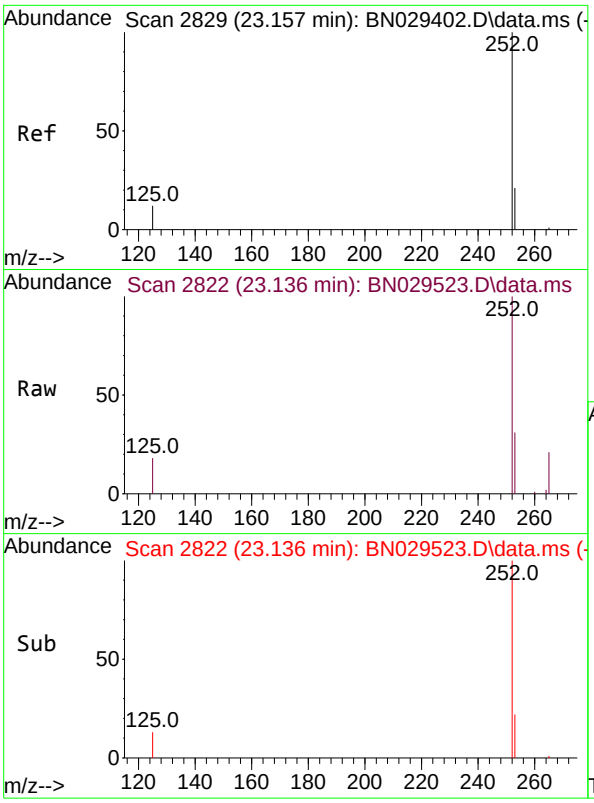


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng
RT: 26.326 min Scan# 3913
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:276 Resp: 8265

Ion	Ratio	Lower	Upper
276	100		
138	33.4	20.5	30.7#
277	22.4	17.0	25.4



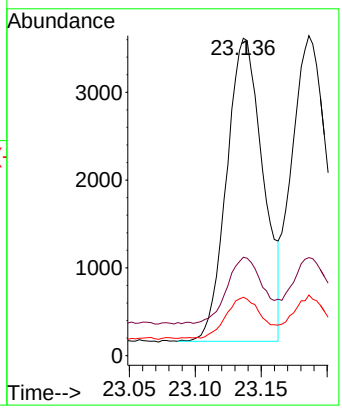


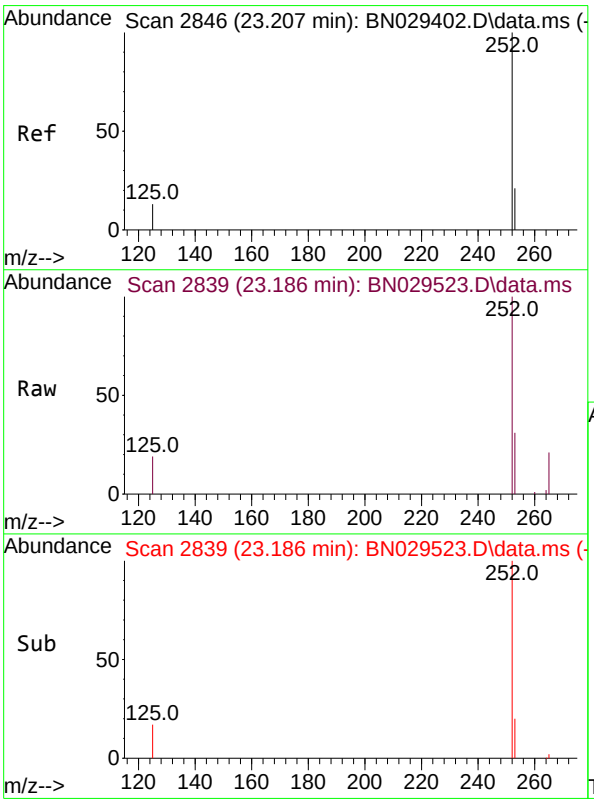
#37
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.136 min Scan# 28
Delta R.T. -0.012 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6633

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

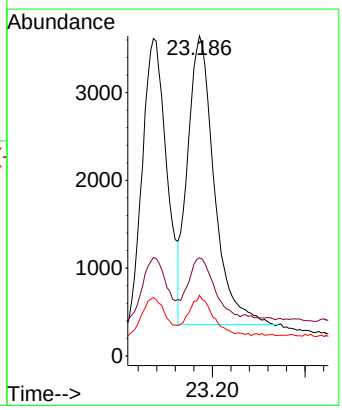


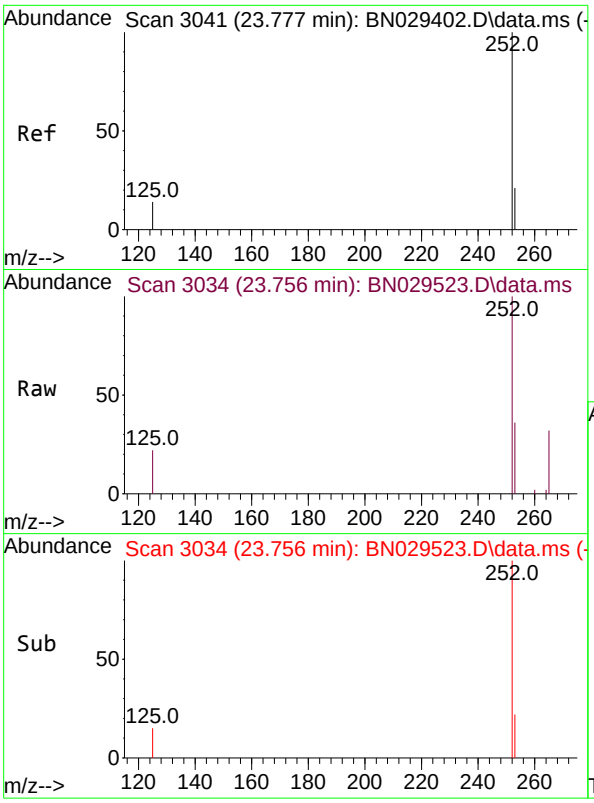


#38
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.186 min Scan# 2839
Delta R.T. -0.012 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:252 Resp: 6581

Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.8	32.8
125	18.9	13.9	20.9



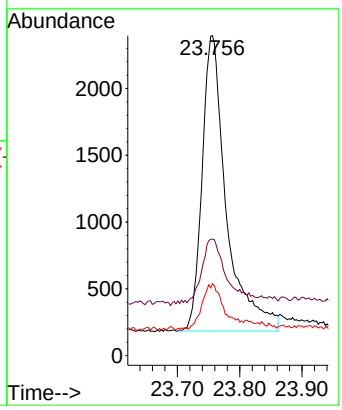


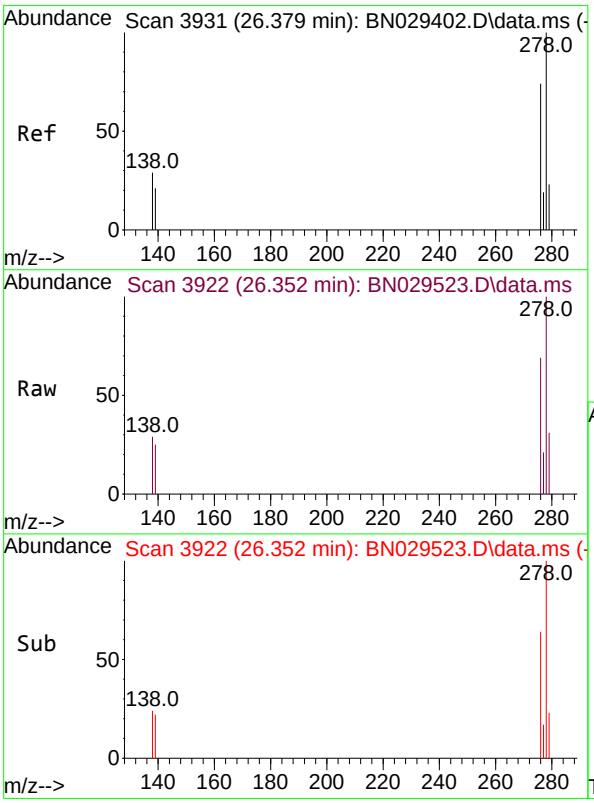
#39
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.756 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6010

Ion	Ratio	Lower	Upper
252	100		
253	36.4	24.9	37.3
125	22.5	16.6	25.0

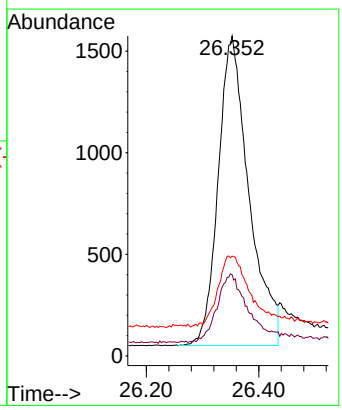


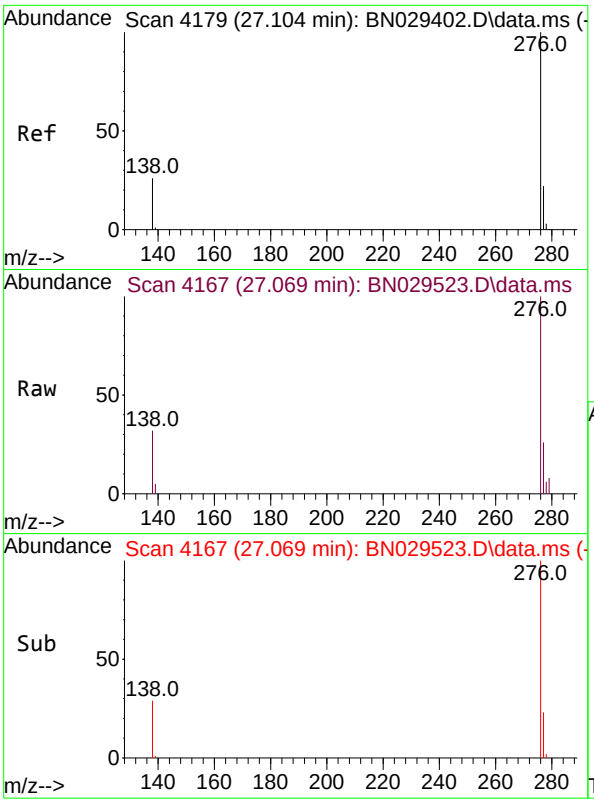


#40
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 26.352 min Scan# 3922
Delta R.T. -0.012 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Tgt Ion:278 Resp: 5799

Ion	Ratio	Lower	Upper
278	100		
139	25.4	20.4	30.6
279	31.2	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 27.069 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN029523.D
Acq: 06 Feb 2024 00:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7378

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.4	29.2
138	32.3	23.5	35.3