Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029528.D
Acq On : 06 Feb 2024 03:46
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 04:59:35 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	4645	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12475	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5602	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10960	0.400	ng		0.00
29) Chrysene-d12	21.483	240	8092	0.400	ng	#	0.00
35) Perylene-d12	23.858	264	8699	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4533	0.406	ng		0.00
5) Phenol-d6	7.053	99	5123	0.398	ng		0.00
8) Nitrobenzene-d5	9.057	82	4067	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.280	152	6624	0.390	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	661	0.368	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	9417	0.392	ng		0.00
27) Fluoranthene-d10	19.317	212	10133	0.382	ng		0.00
31) Terphenyl-d14	19.926	244	7512	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2366	0.362	ng		98
3) n-Nitrosodimethylamine	3.709	42	1823	0.342	ng	#	91
6) bis(2-Chloroethyl)ether	7.327	93	4813	0.392	ng		97
9) Naphthalene	10.733	128	13982	0.393	ng		100
10) Hexachlorobutadiene	11.011	225	2575	0.382	ng	#	99
12) 2-Methylnaphthalene	12.355	142	8061	0.386	ng		98
16) Acenaphthylene	14.254	152	9980	0.375	ng		99
17) Acenaphthene	14.596	154	6931	0.388	ng		99
18) Fluorene	15.580	166	8583	0.383	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	632	0.393	ng	#	66
21) 4-Bromophenyl-phenylether	16.473	248	2457	0.377	ng		92
22) Hexachlorobenzene	16.573	284	2946	0.368	ng		99
23) Atrazine	16.759	200	1804	0.389	ng		98
24) Pentachlorophenol	16.933	266	967	0.381	ng		95
25) Phenanthrene	17.317	178	12606	0.389	ng		99
26) Anthracene	17.417	178	10457	0.378	ng		100
28) Fluoranthene	19.345	202	14088	0.386	ng		99
30) Pyrene	19.712	202	14345	0.385	ng		100
32) Benzo(a)anthracene	21.465	228	10627	0.384	ng		99
33) Chrysene	21.519	228	12447	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.411	149	6983	0.371	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.320	276	13254	0.379	ng	#	87
37) Benzo(b)fluoranthene	23.136	252	11592	0.373	ng		99
38) Benzo(k)fluoranthene	23.186	252	12446	0.382	ng	#	93
39) Benzo(a)pyrene	23.753	252	10514	0.388	ng		99
40) Dibenzo(a,h)anthracene	26.349	278	10560	0.379	ng		96
41) Benzo(g,h,i)perylene	27.069	276	12590	0.371	ng		98

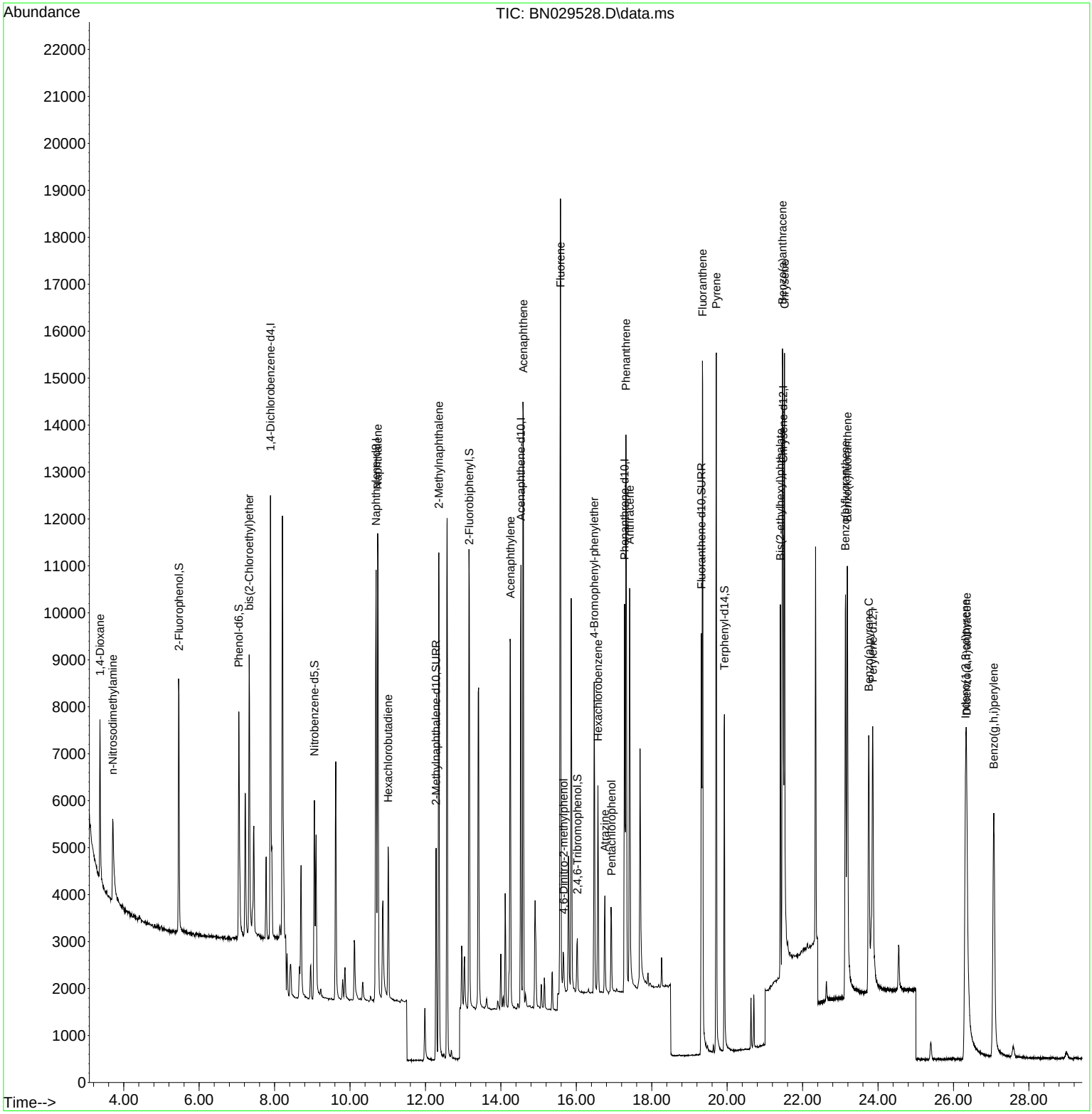
(#) = qualifier out of range (m) = manual integration (+) = signals summed

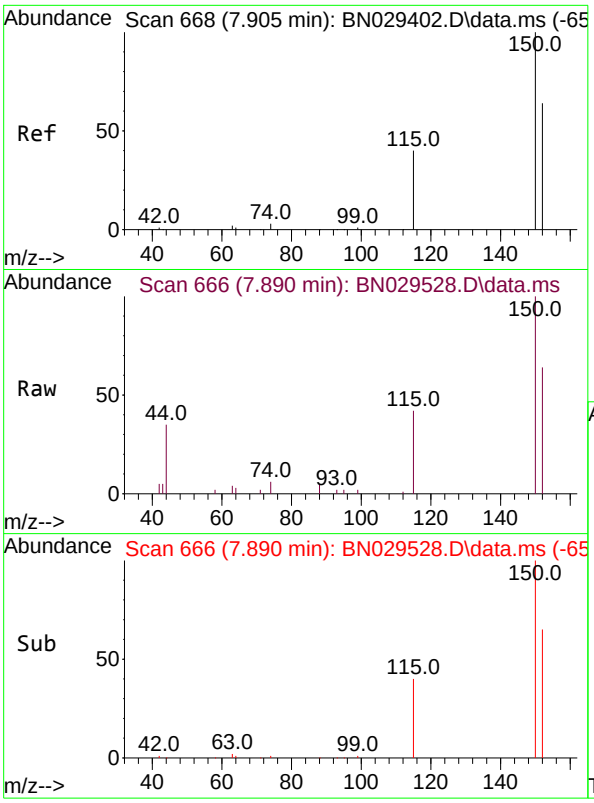
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029528.D
Acq On : 06 Feb 2024 03:46
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 06 04:59:35 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



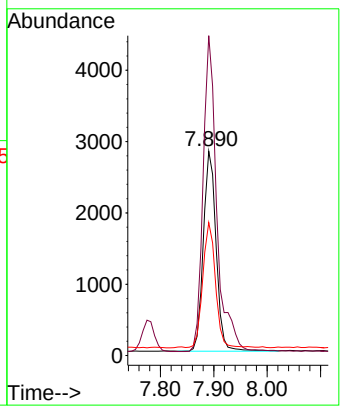


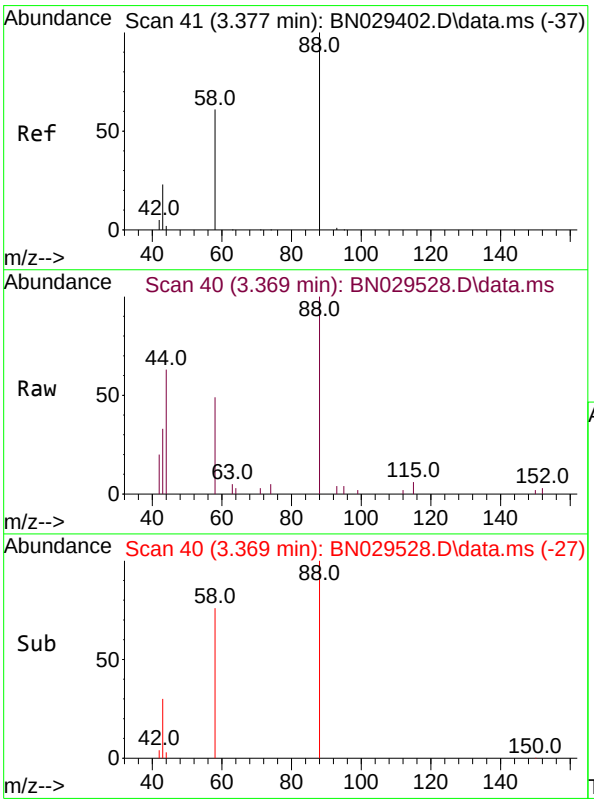
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4645

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.0	184.4
115	65.1	51.4	77.0

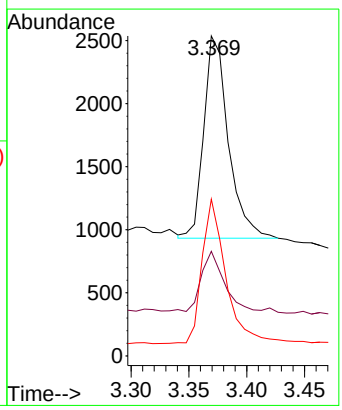


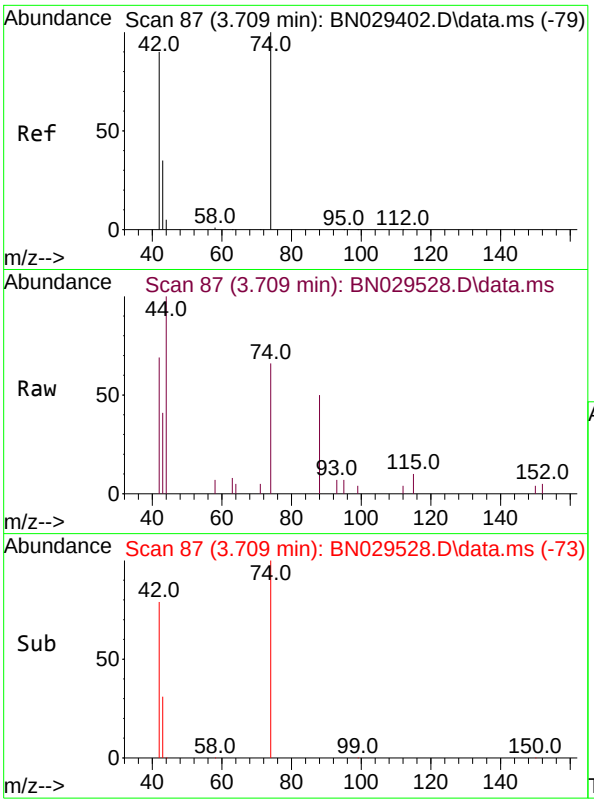


#2
1,4-Dioxane
Concen: 0.362 ng
RT: 3.369 min Scan# 40
Delta R.T. -0.007 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion: 88 Resp: 2366

Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.3	34.9
58	69.4	53.8	80.6



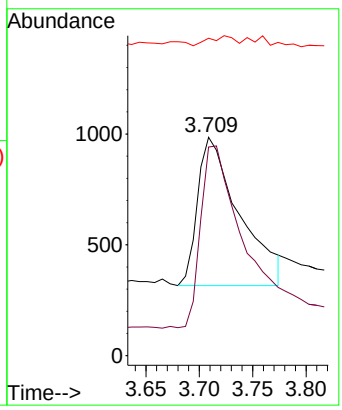


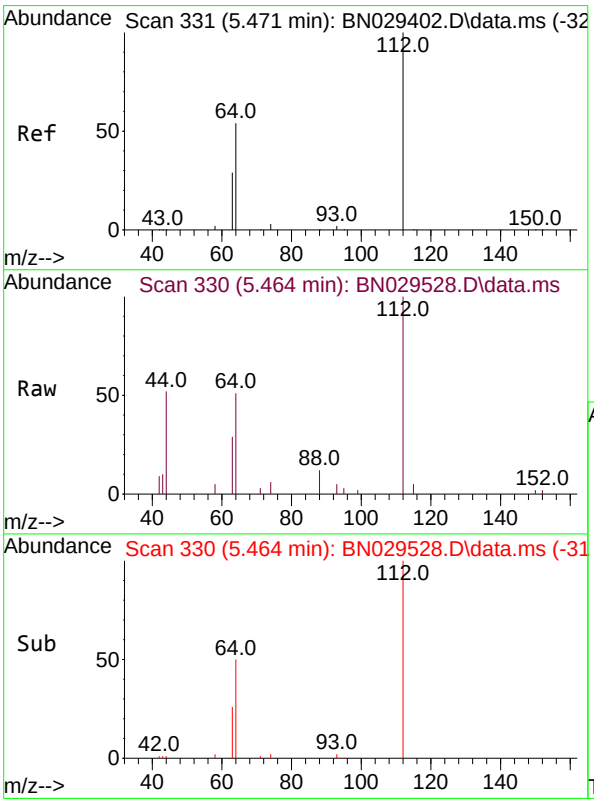
#3
n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 3.709 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1823

Ion	Ratio	Lower	Upper
42	100		
74	124.5	93.7	140.5
44	3.9	13.0	19.4#

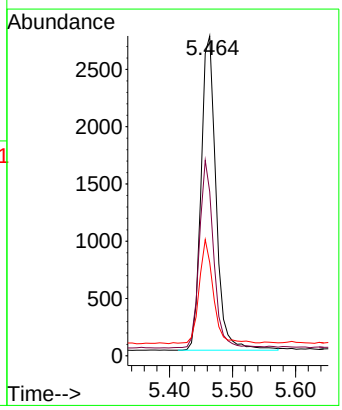


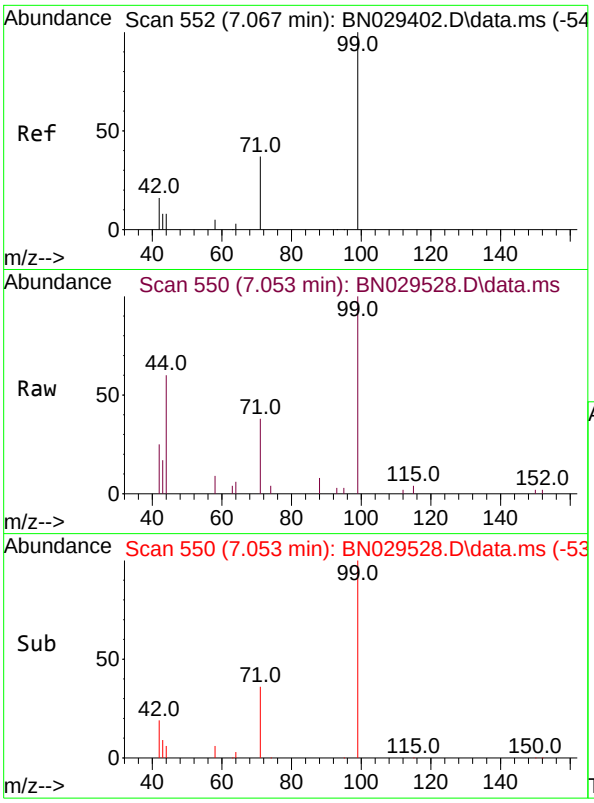


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:112 Resp: 4533

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.2	70.8
63	31.3	25.8	38.6



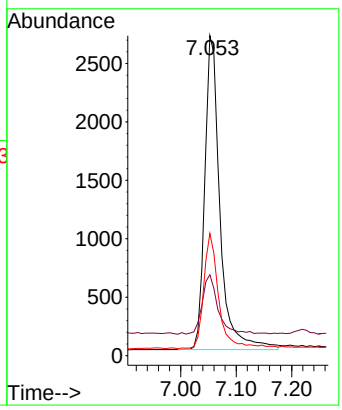


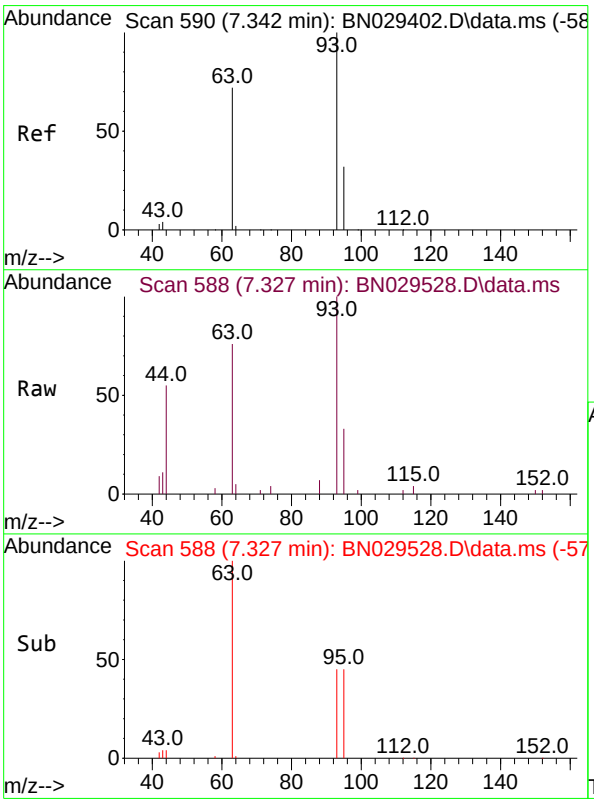
#5
Phenol-d6
Concen: 0.398 ng
RT: 7.053 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5123

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.9	25.3
71	36.7	30.0	45.0

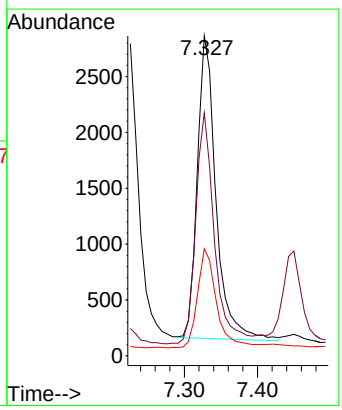


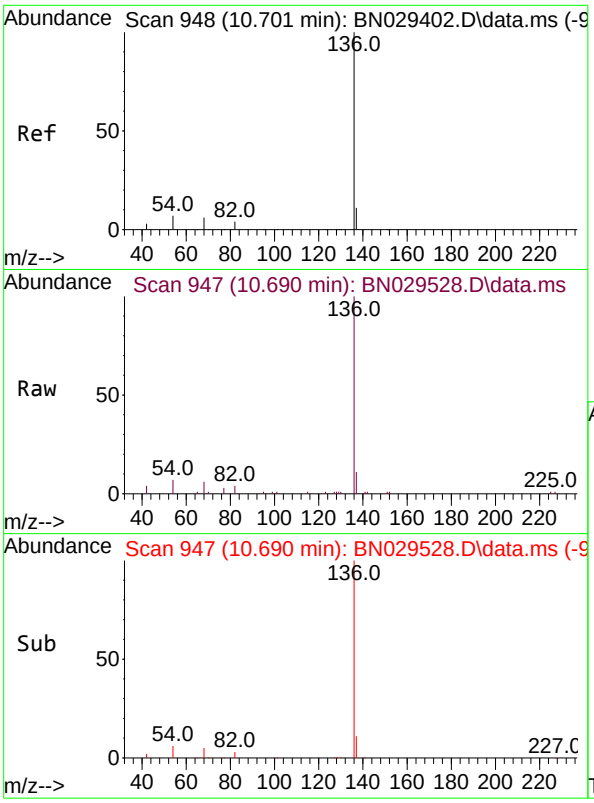


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion: 93 Resp: 4813

Ion	Ratio	Lower	Upper
93	100		
63	76.1	63.1	94.7
95	33.2	27.1	40.7



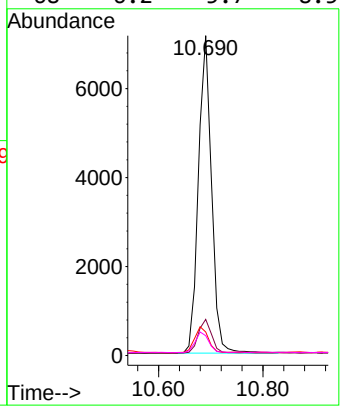


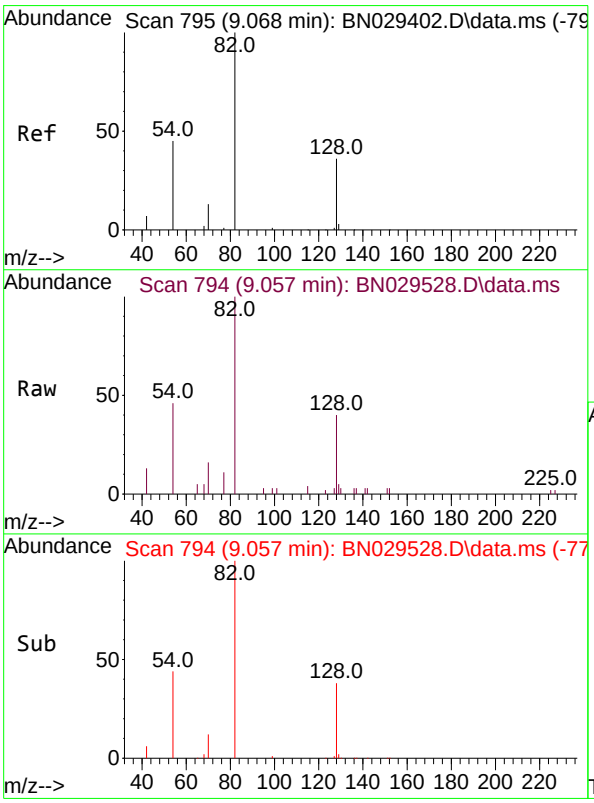
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12475

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.7	14.5
54	7.4	6.6	10.0
68	6.2	5.7	8.5

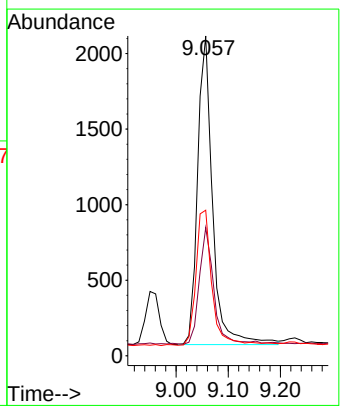


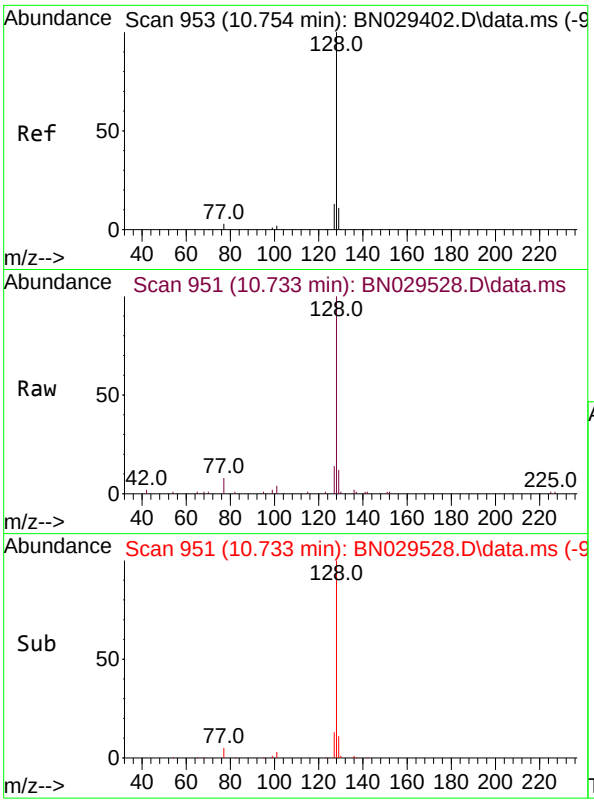


#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion: 82 Resp: 4067

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.6	47.4
54	45.5	38.2	57.4



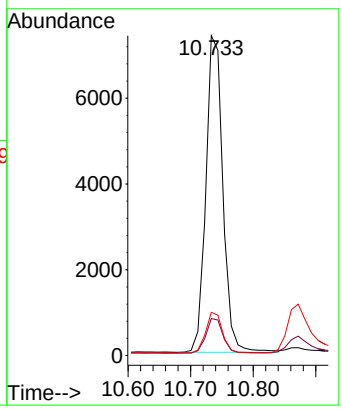


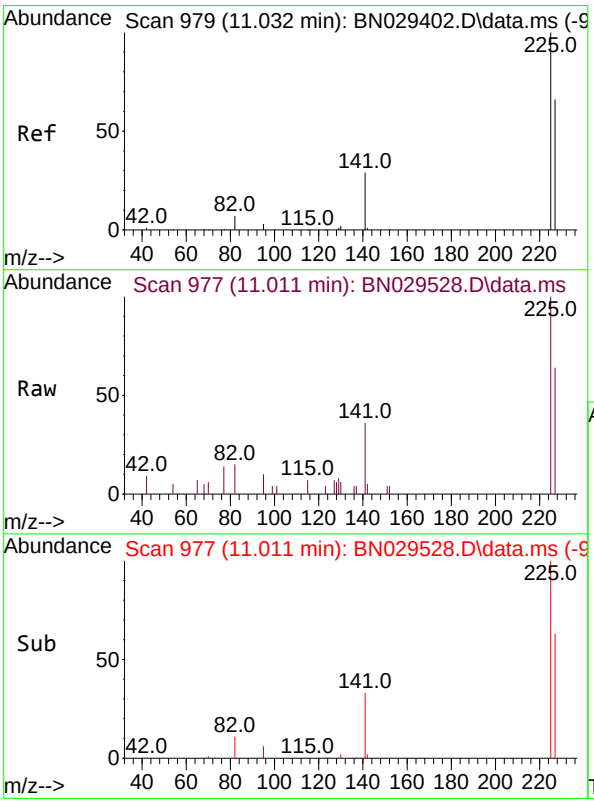
#9
Naphthalene
Concen: 0.393 ng
RT: 10.733 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13982

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.5	10.8	16.2

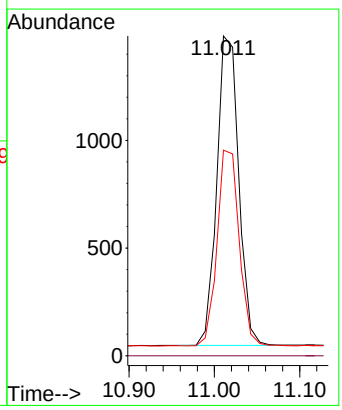


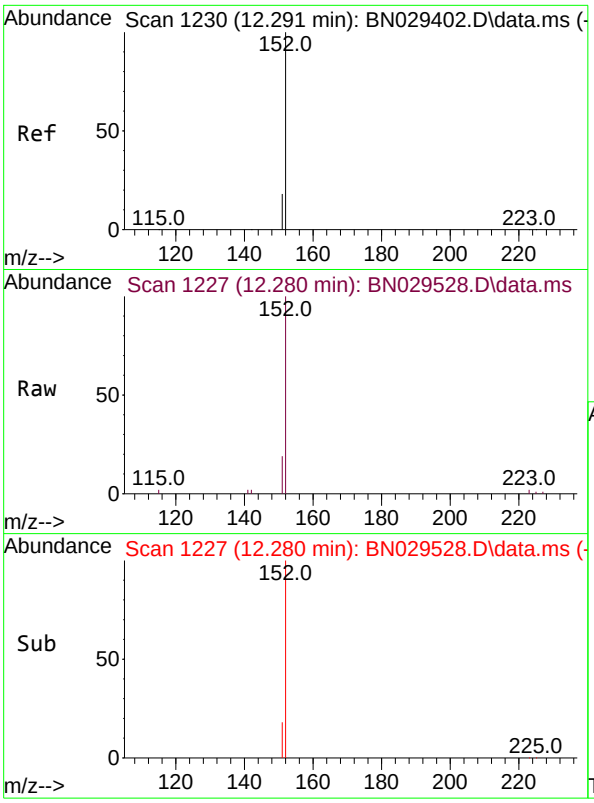


#10
Hexachlorobutadiene
Concen: 0.382 ng
RT: 11.011 min Scan# 977
Delta R.T. -0.011 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:225 Resp: 2575

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.1	76.7



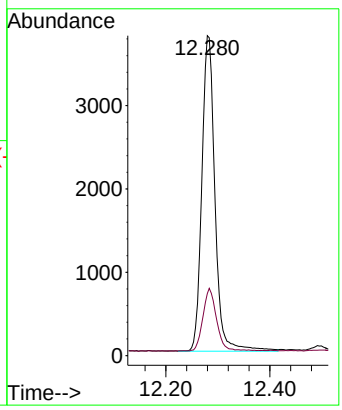


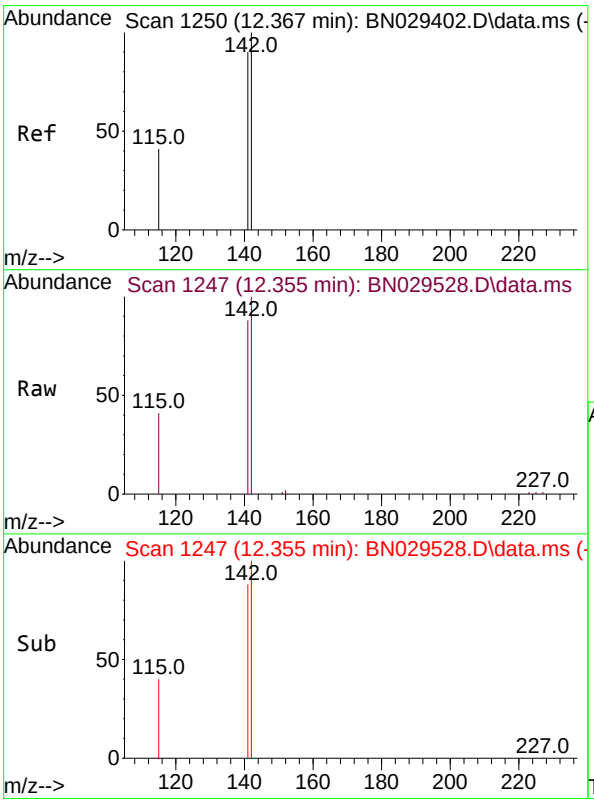
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.280 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6624

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7

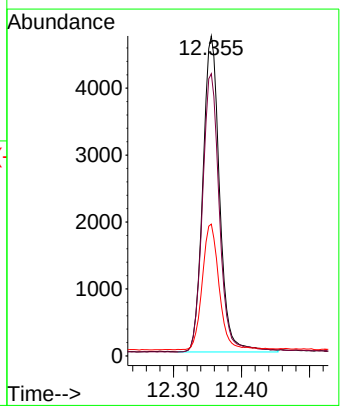


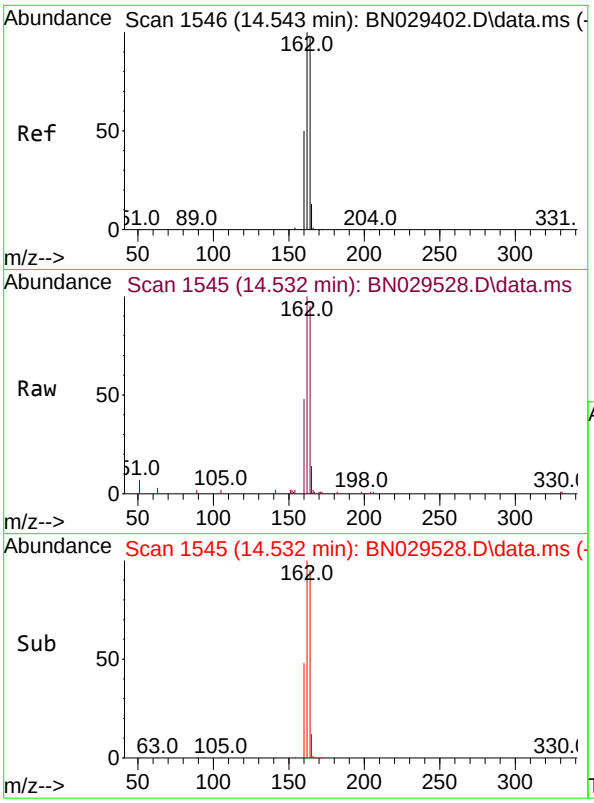


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:142 Resp: 8061

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.9	107.9
115	41.2	33.9	50.9



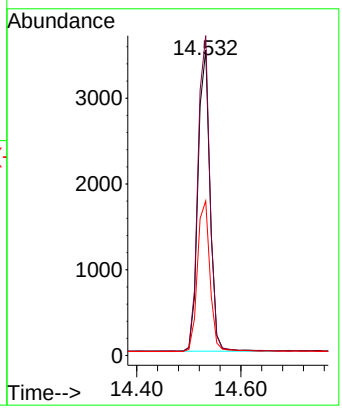


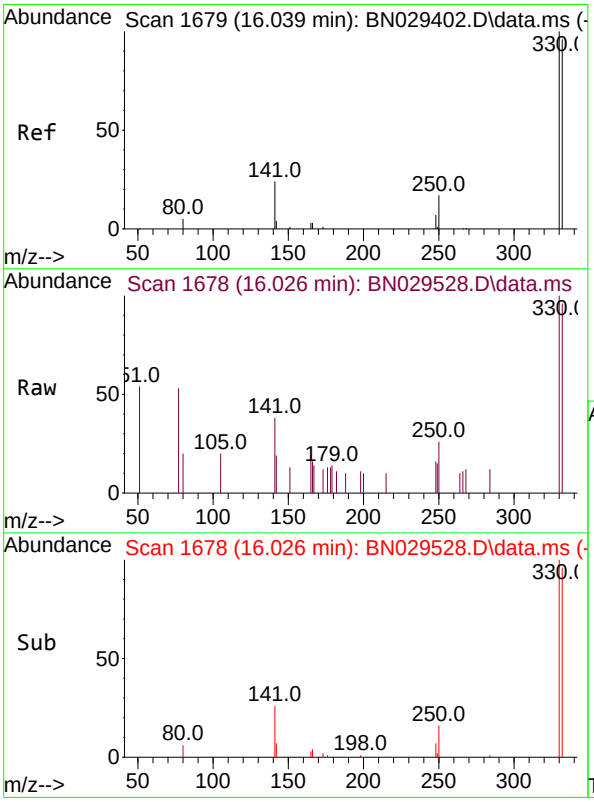
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5602

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	50.6	41.5	62.3

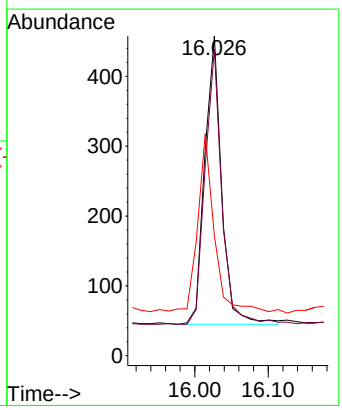


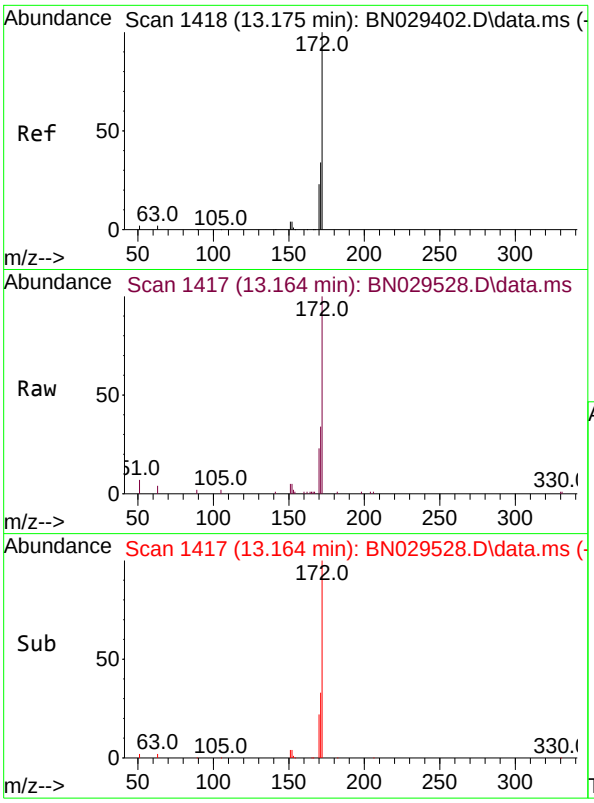


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 16.026 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:330 Resp: 661

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.0	114.0
141	61.9	43.4	65.2



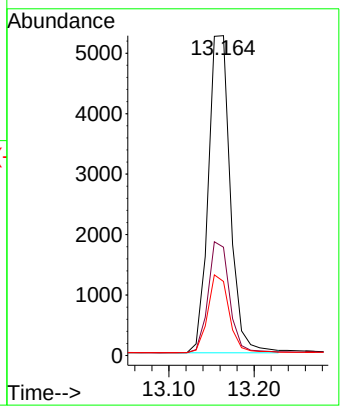


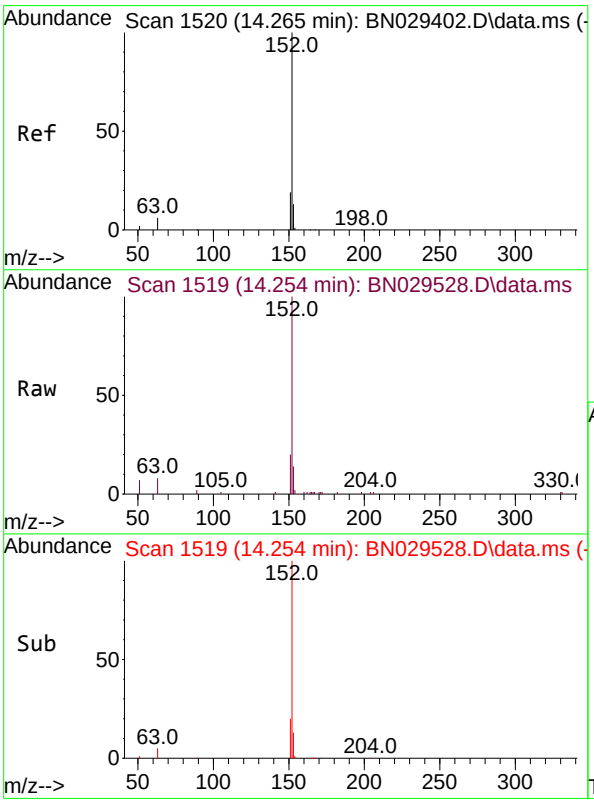
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9417

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.0	42.0
170	23.2	18.7	28.1

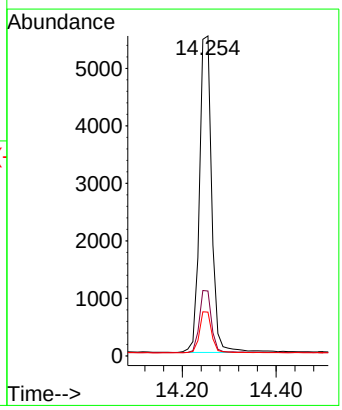


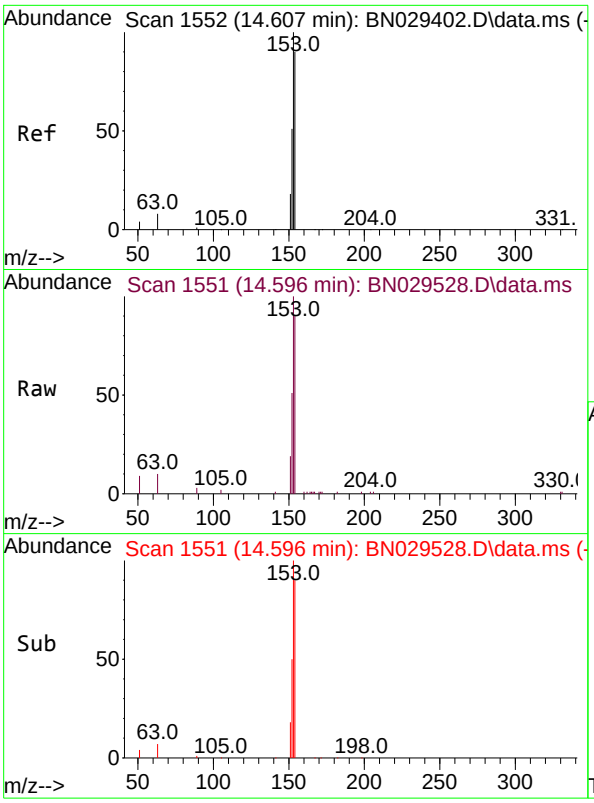


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:152 Resp: 9980

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.9	10.5	15.7





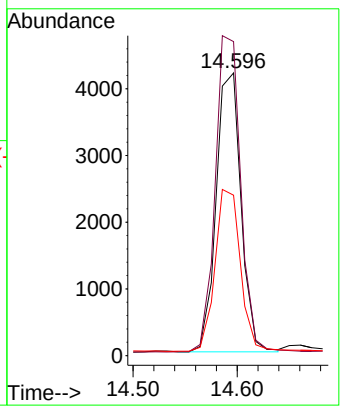
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.596 min Scan# 1

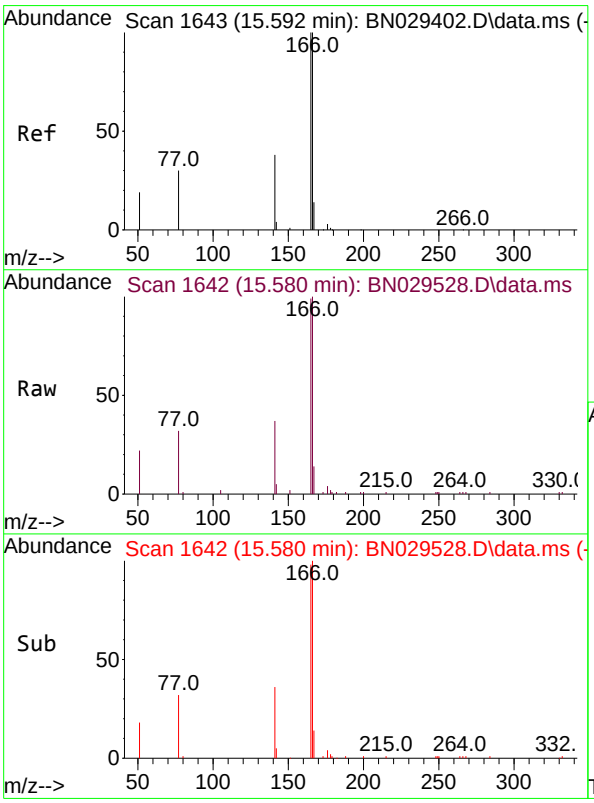
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:154 Resp: 6931

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.6	140.4
152	60.0	48.6	73.0

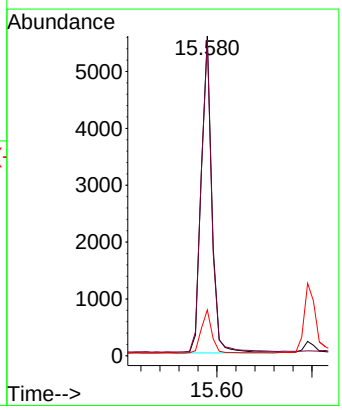


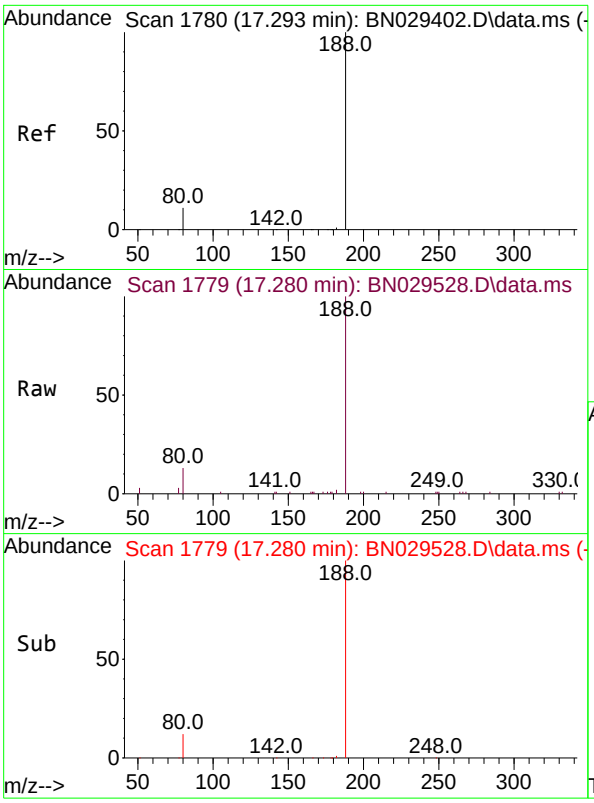


#18
Fluorene
Concen: 0.383 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:166 Resp: 8583

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.9	119.9
167	13.4	11.3	16.9



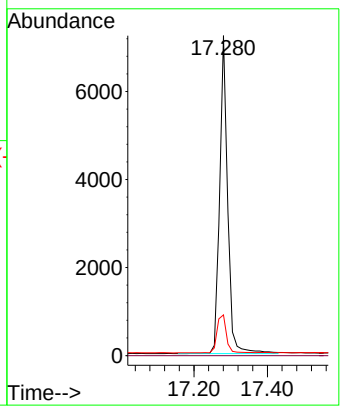


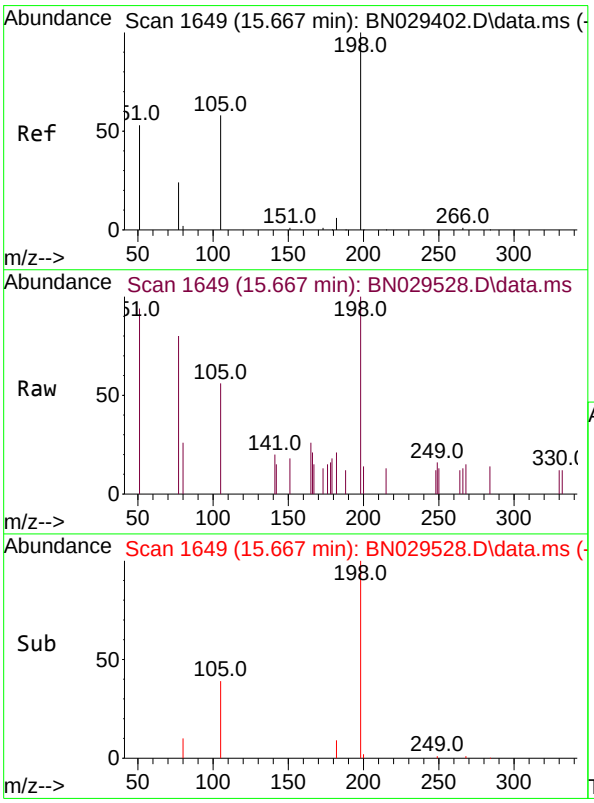
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10960

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	10.0	15.0

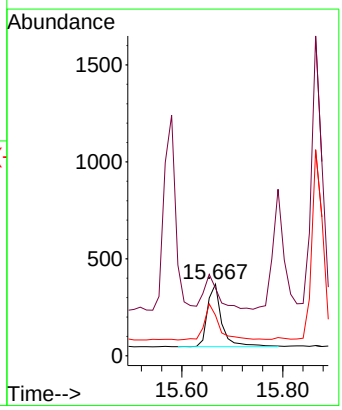


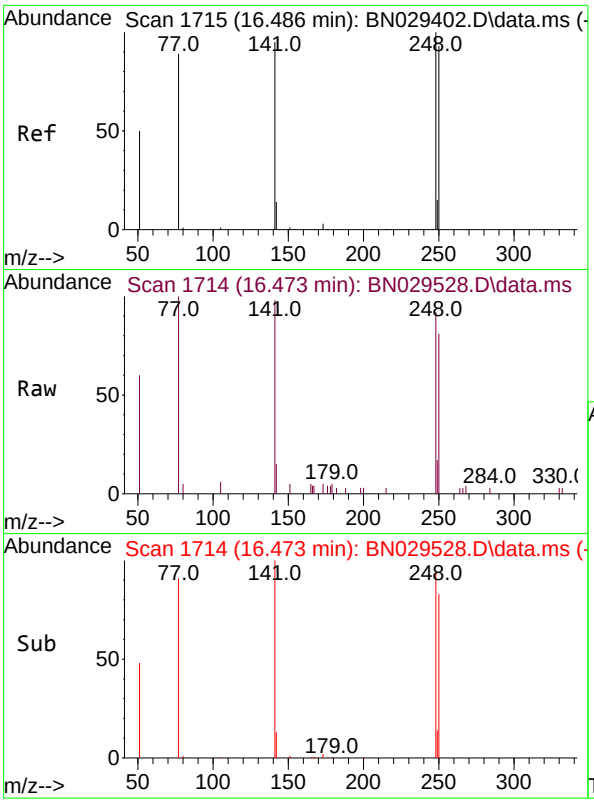


#20
4,6-Dinitro-2-methylphenol
Concen: 0.393 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:198 Resp: 632

Ion	Ratio	Lower	Upper
198	100		
51	94.3	111.0	166.6#
105	56.5	67.0	100.6#



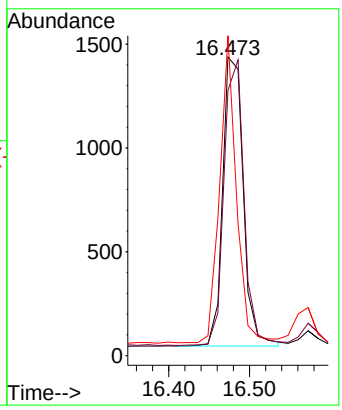


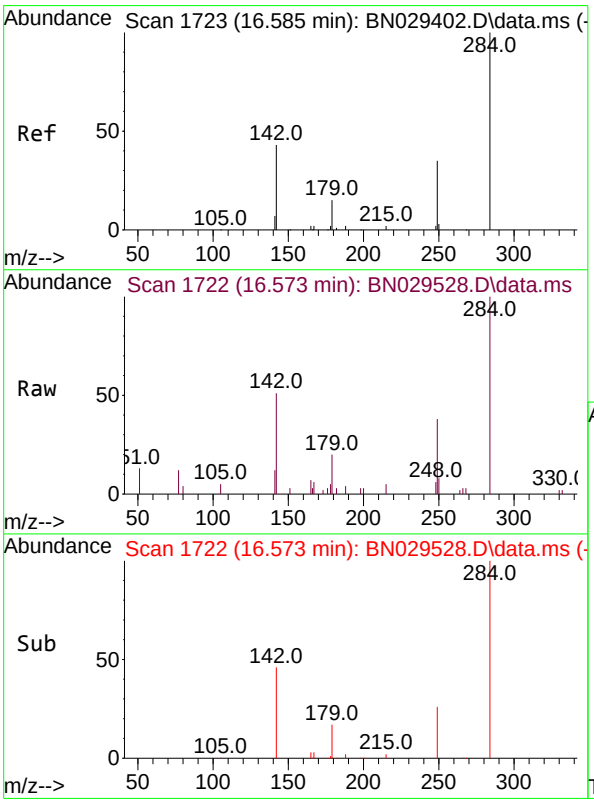
#21
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.473 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2457

Ion	Ratio	Lower	Upper
248	100		
250	88.8	75.0	112.4
141	107.2	77.0	115.6

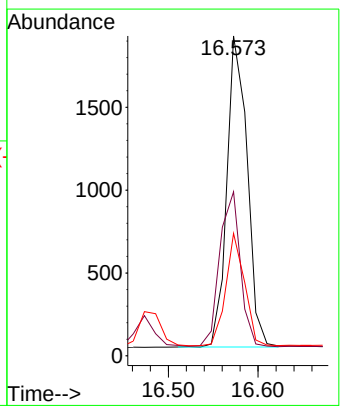


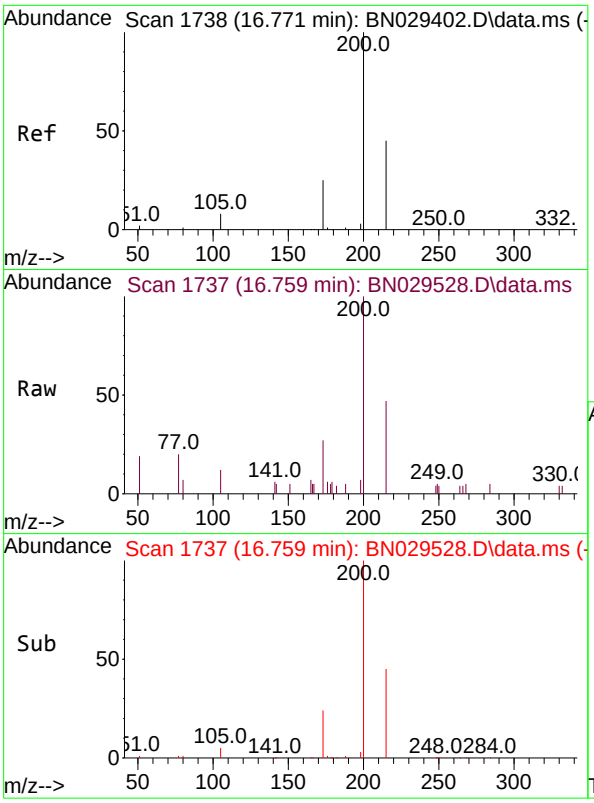


#22
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:284 Resp: 2946

Ion	Ratio	Lower	Upper
284	100		
142	50.7	39.4	59.2
249	33.4	26.9	40.3



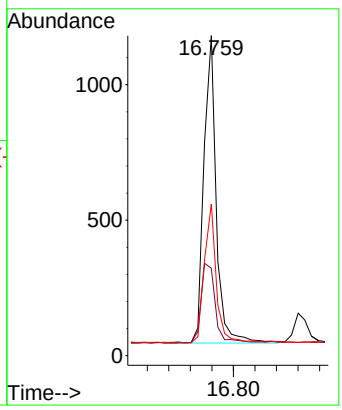


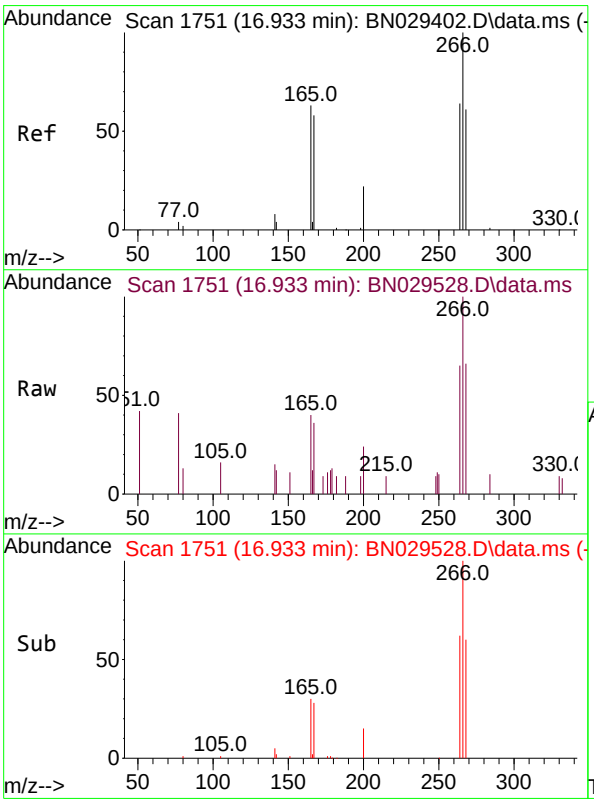
#23
Atrazine
Concen: 0.389 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1804

Ion	Ratio	Lower	Upper
200	100		
173	27.3	23.4	35.0
215	47.4	38.4	57.6

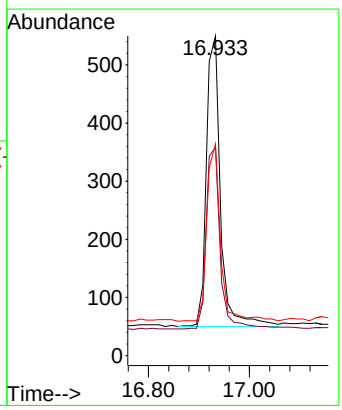


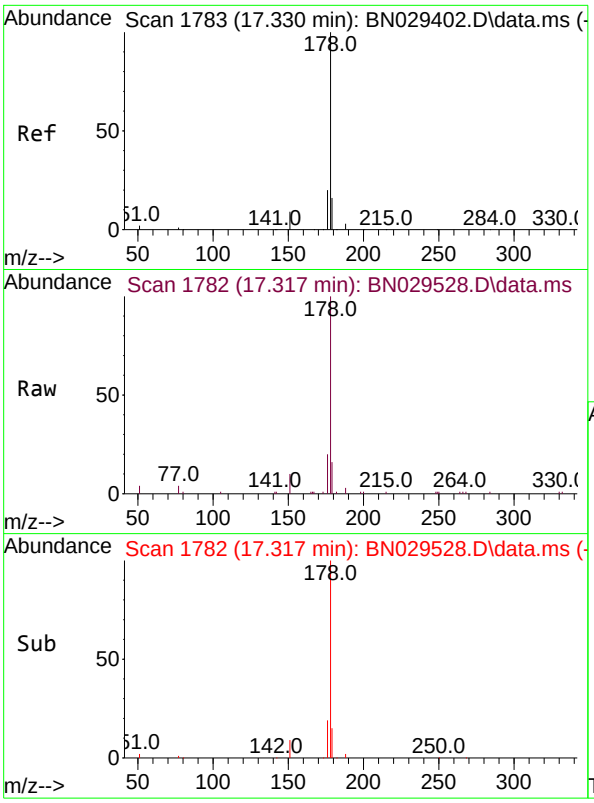


#24
Pentachlorophenol
Concen: 0.381 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:266 Resp: 967

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.8	76.2
268	58.1	51.5	77.3



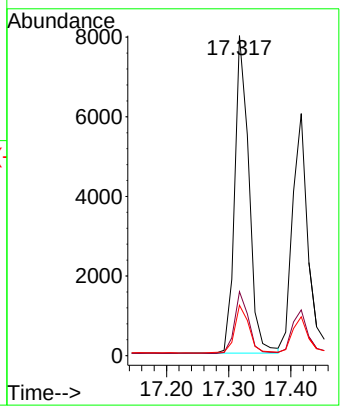


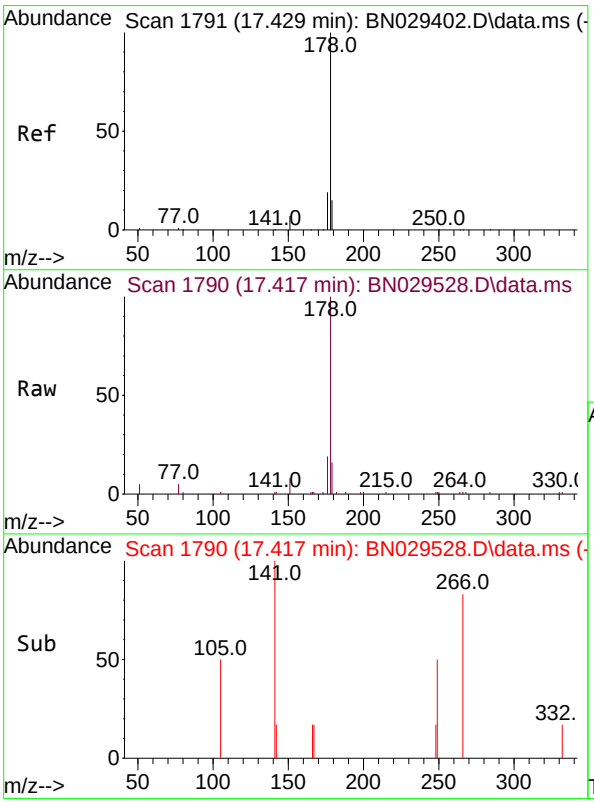
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12606

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.2	12.6	19.0

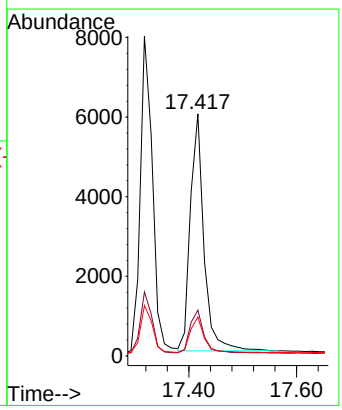


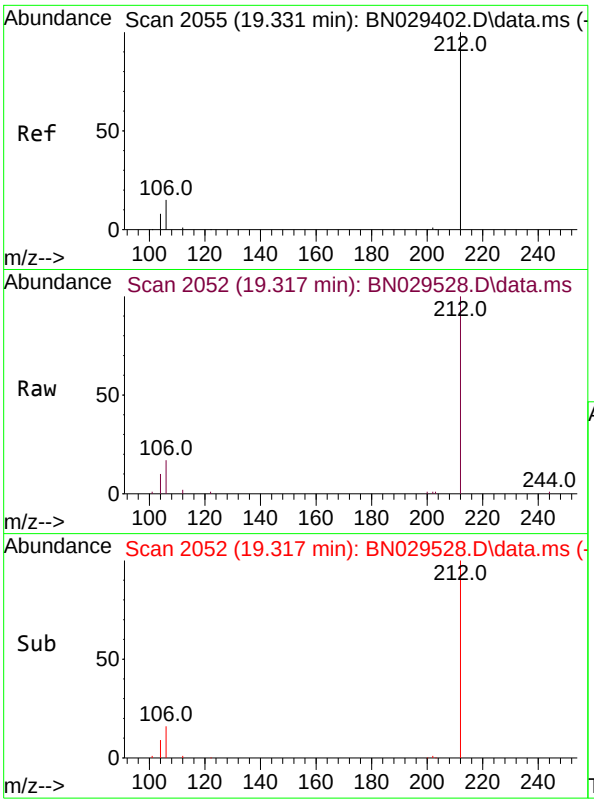


#26
Anthracene
Concen: 0.378 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:178 Resp: 10457

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.1	12.3	18.5



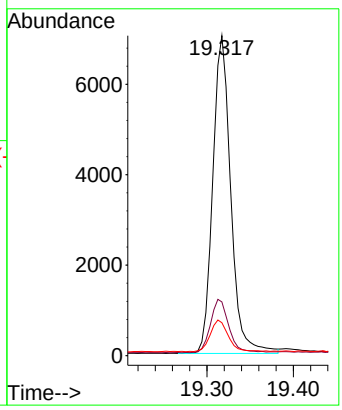


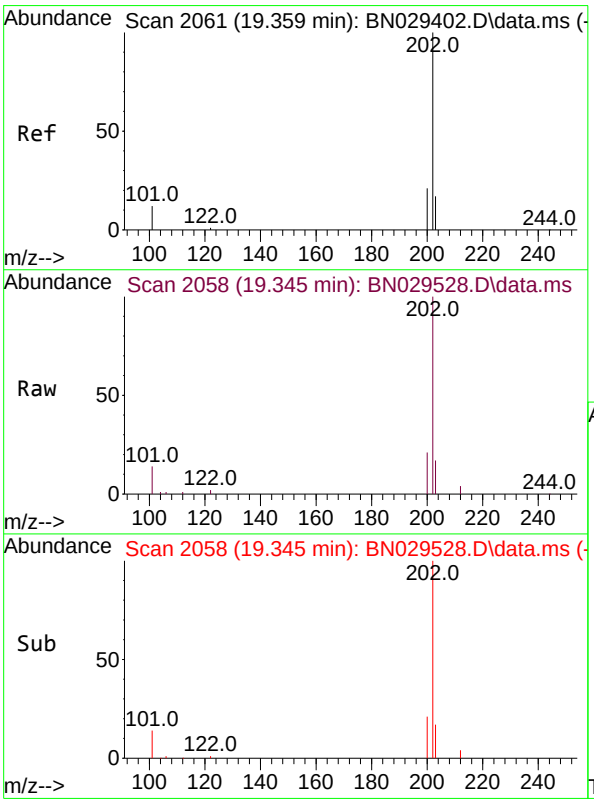
#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.317 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 10133

Ion	Ratio	Lower	Upper
212	100		
106	17.1	13.2	19.8
104	10.0	7.7	11.5

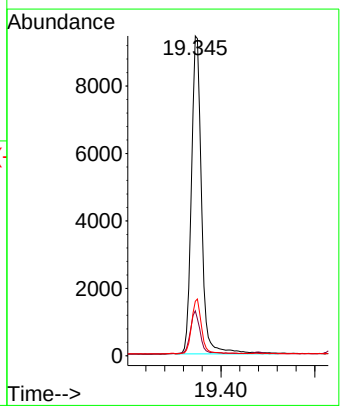


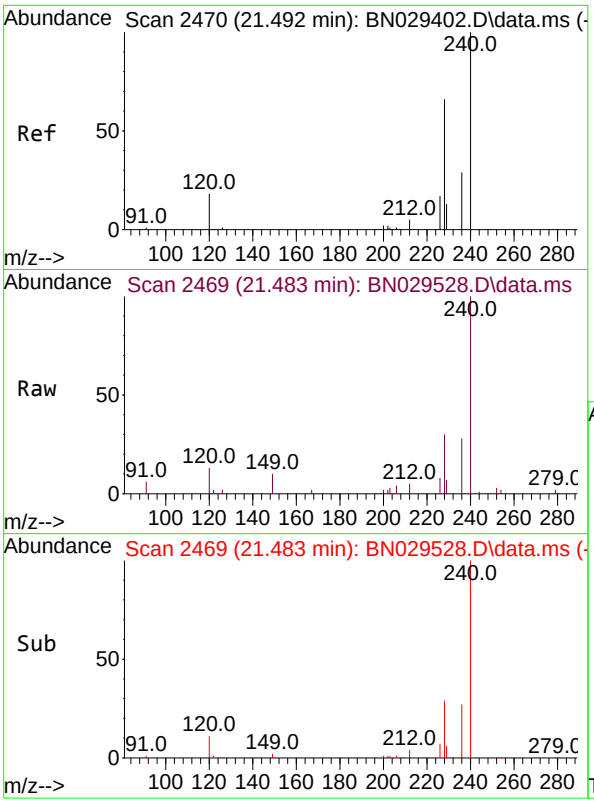


#28
Fluoranthene
Concen: 0.386 ng
RT: 19.345 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:202 Resp: 14088

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.5	15.7
203	16.7	13.5	20.3



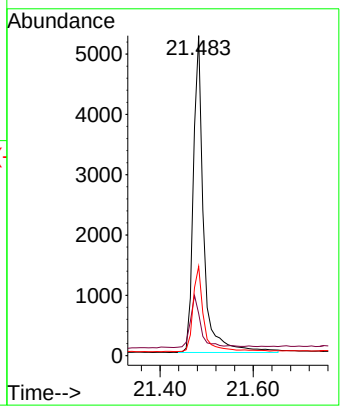


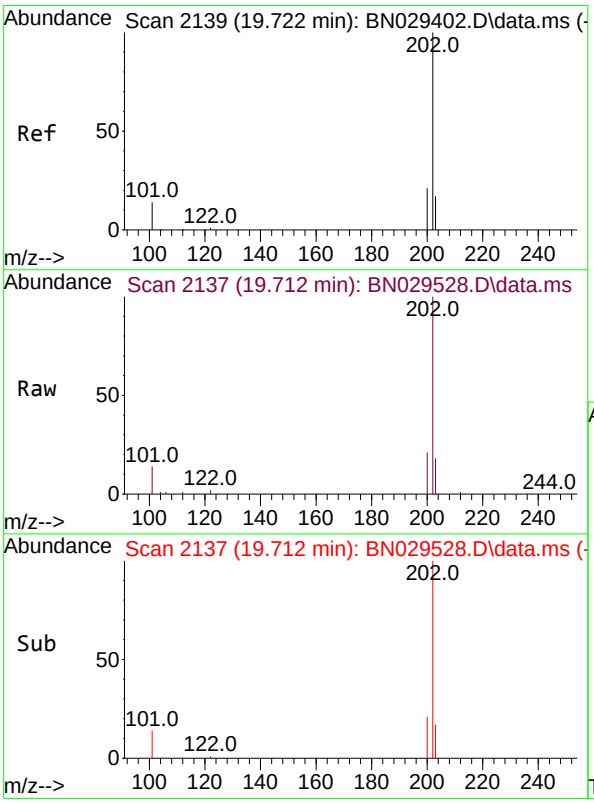
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 8092

Ion	Ratio	Lower	Upper
240	100		
120	13.1	16.7	25.1#
236	27.9	23.9	35.9

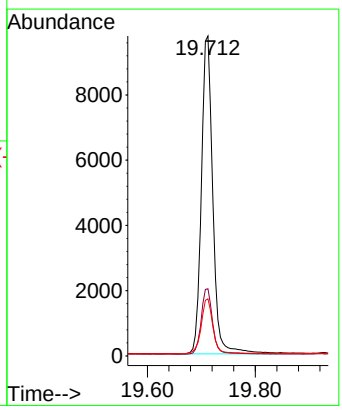


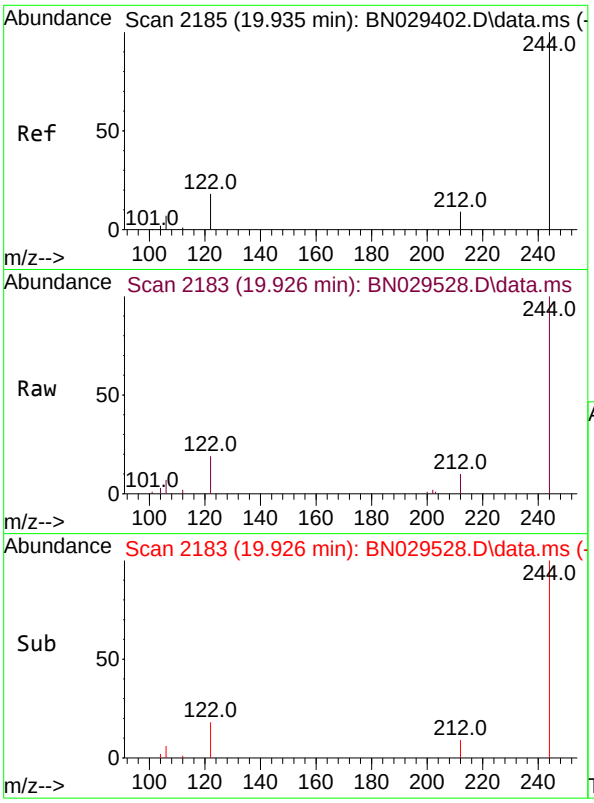


#30
Pyrene
Concen: 0.385 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:202 Resp: 14345

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.9	14.2	21.4



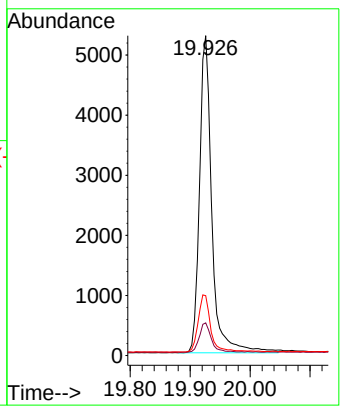


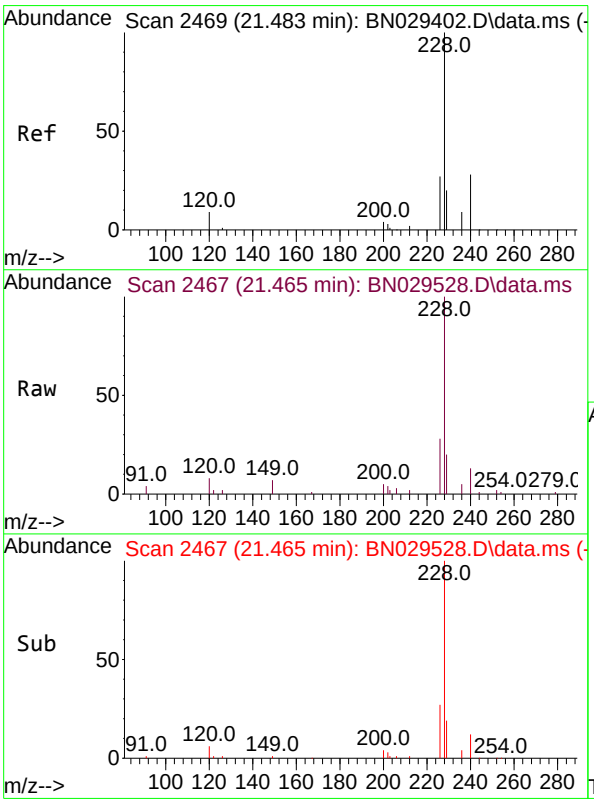
#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7512

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.2	12.4
122	18.7	15.6	23.4

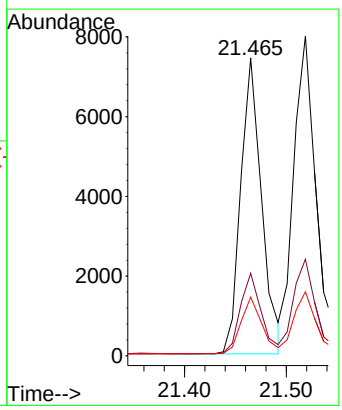


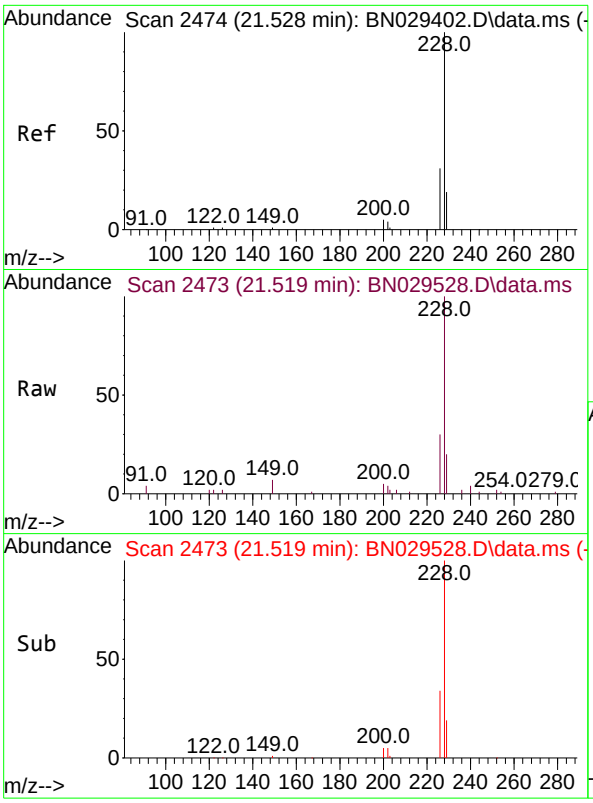


#32
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:228 Resp: 10627

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.4
229	19.7	16.5	24.7



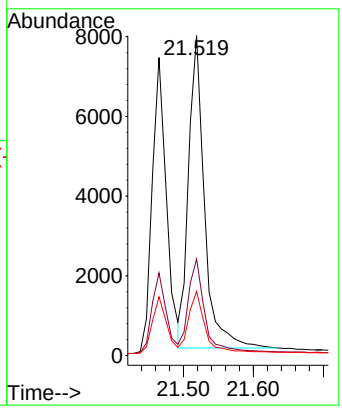


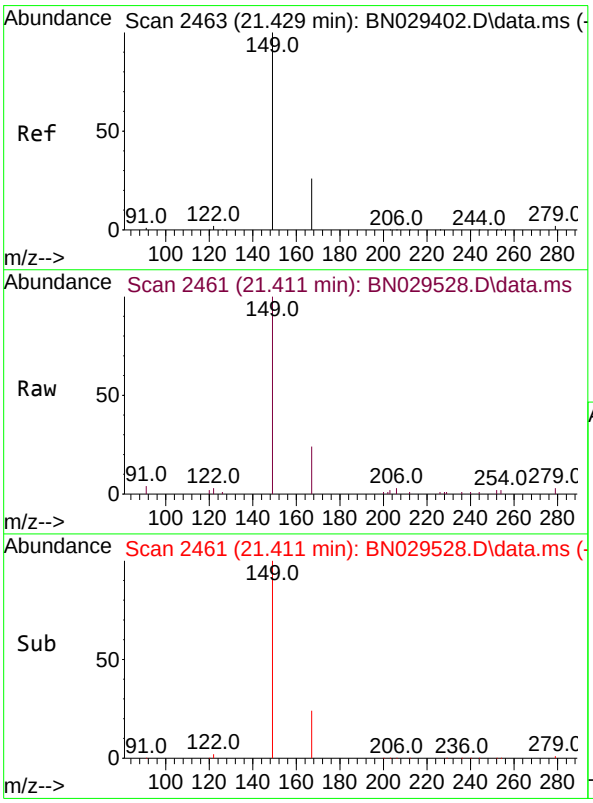
#33
Chrysene
Concen: 0.396 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12447

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.0	15.9	23.9

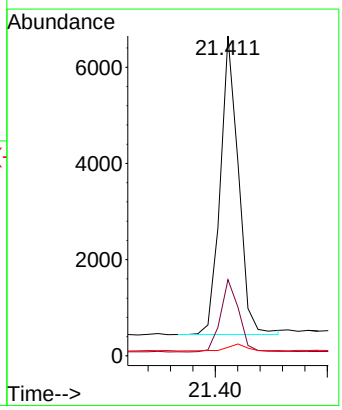


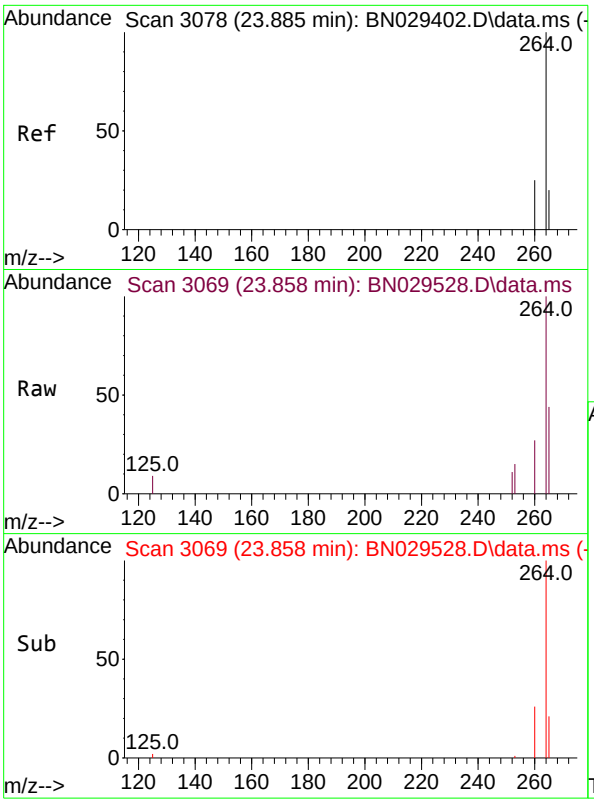


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.411 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:149 Resp: 6983

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.1	30.1
279	2.4	2.5	3.7#



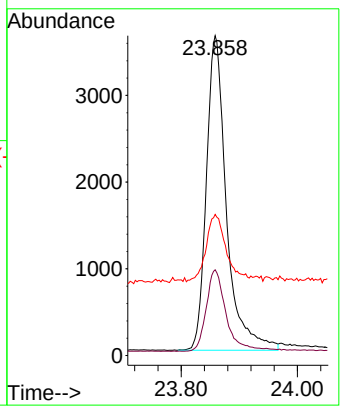


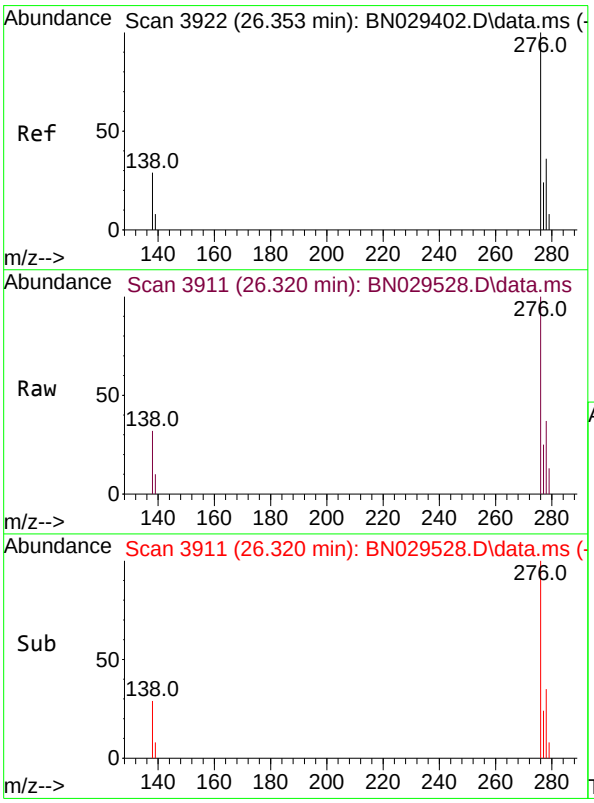
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.858 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 8699

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.2	31.8
265	44.1	41.5	62.3

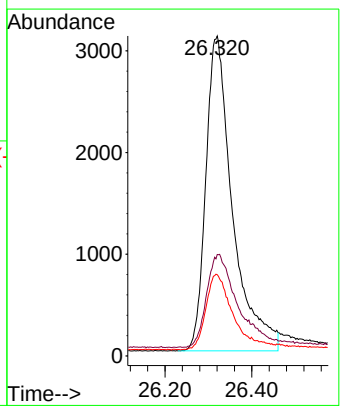


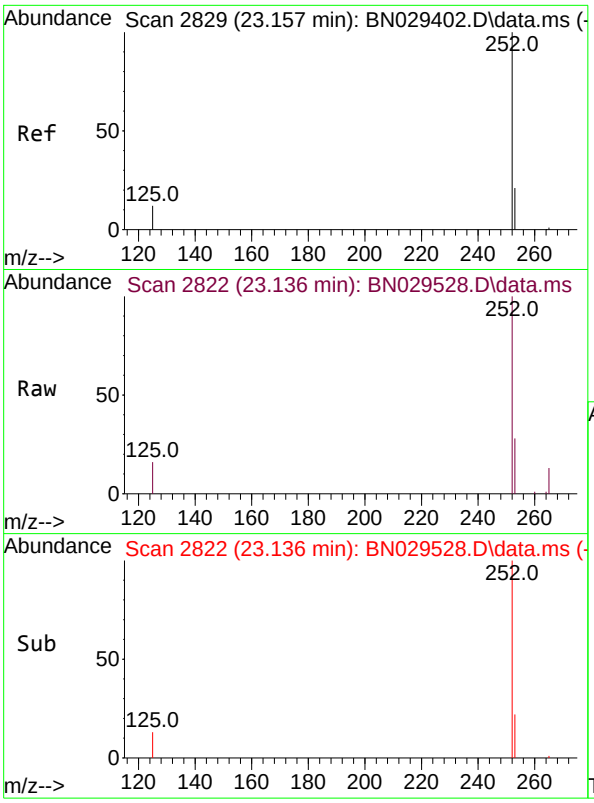


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 26.320 min Scan# 3911
Delta R.T. -0.015 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:276 Resp: 13254

Ion	Ratio	Lower	Upper
276	100		
138	34.1	20.5	30.7#
277	24.8	17.0	25.4



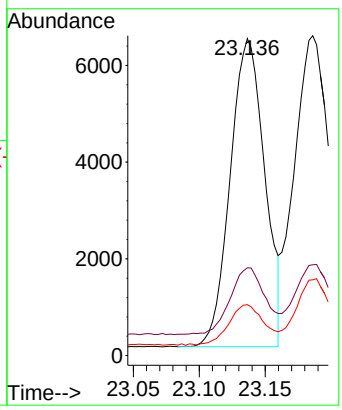


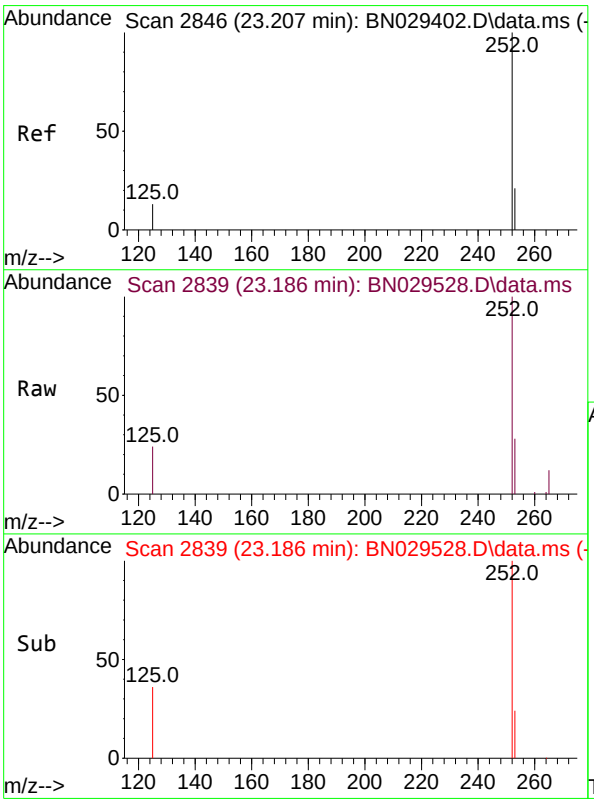
#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.136 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11592

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.7	32.5
125	16.0	13.3	19.9

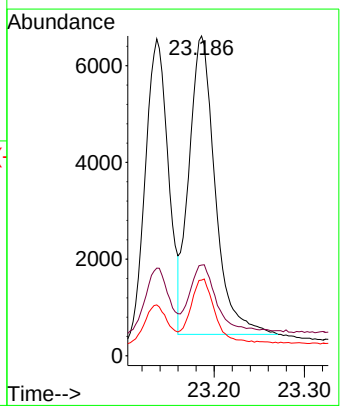


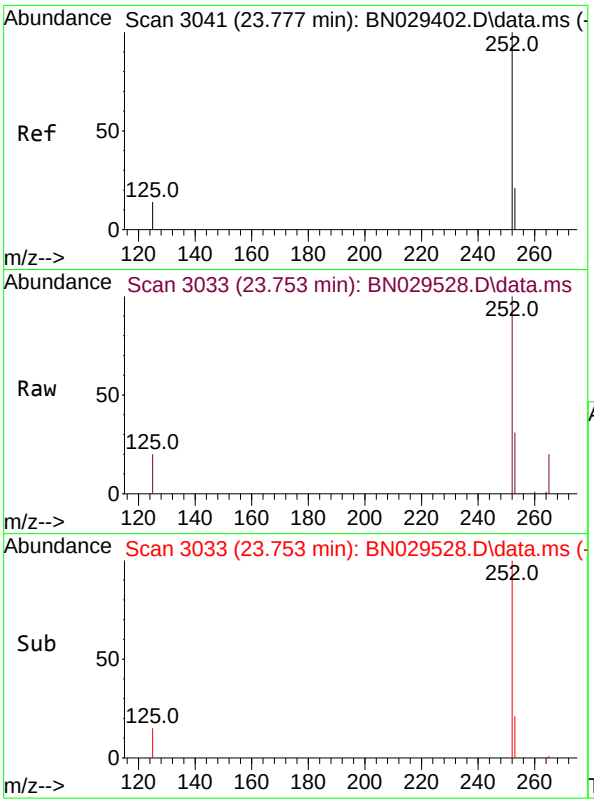


#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.186 min Scan# 2839
Delta R.T. -0.012 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:252 Resp: 12446

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.8	32.8
125	23.7	13.9	20.9#



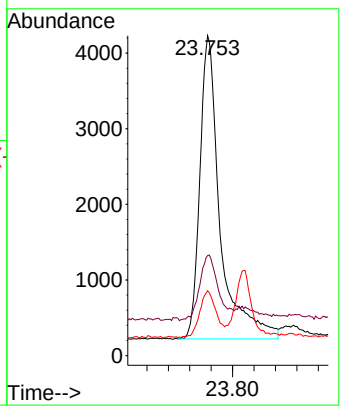


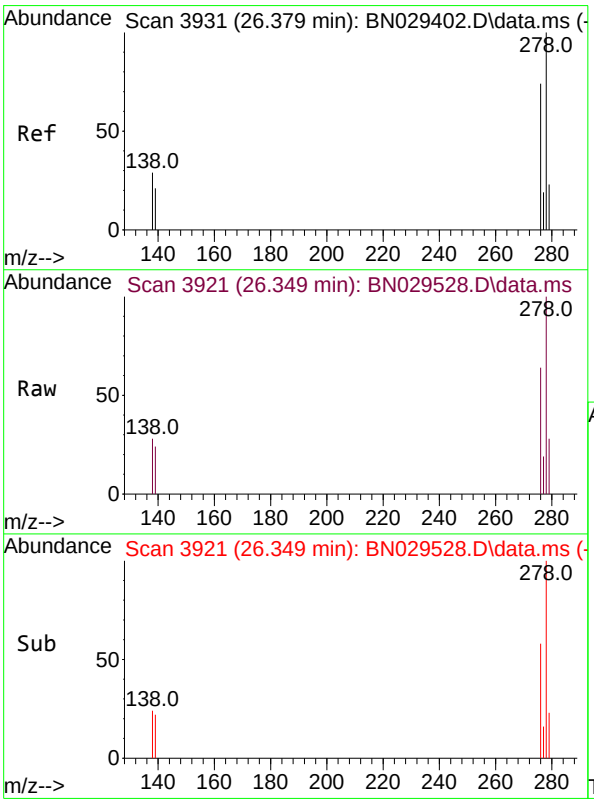
#39
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.753 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10514

Ion	Ratio	Lower	Upper
252	100		
253	31.3	24.9	37.3
125	20.3	16.6	25.0

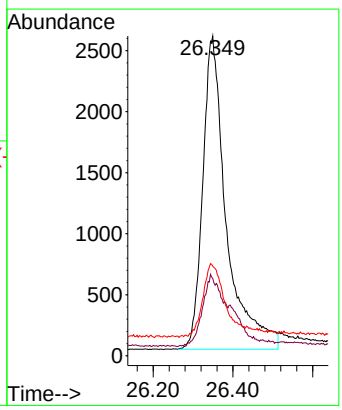


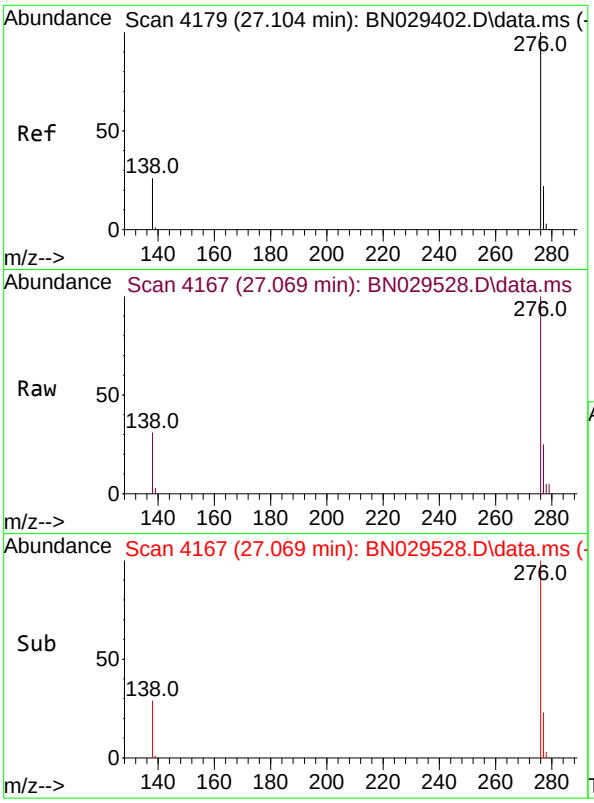


#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.349 min Scan# 3921
Delta R.T. -0.015 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Tgt Ion:278 Resp: 10560

Ion	Ratio	Lower	Upper
278	100		
139	24.2	20.4	30.6
279	28.0	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.069 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN029528.D
Acq: 06 Feb 2024 03:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12590

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	31.1	23.5	35.3