Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029502.D
Acq On : 05 Feb 2024 11:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 12:14:56 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	4126	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	11350	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5058	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	9149	0.400	ng		0.00
29) Chrysene-d12	21.483	240	5625	0.400	ng	#	0.00
35) Perylene-d12	23.861	264	5586	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3833	0.387	ng		0.00
5) Phenol-d6	7.060	99	4354	0.381	ng		0.00
8) Nitrobenzene-d5	9.057	82	3763	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	5951	0.385	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	540	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8671	0.399	ng		0.00
27) Fluoranthene-d10	19.317	212	8147	0.368	ng		0.00
31) Terphenyl-d14	19.926	244	5522	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2139	0.368	ng		96
3) n-Nitrosodimethylamine	3.709	42	1505	0.318	ng	#	83
6) bis(2-Chloroethyl)ether	7.327	93	4311	0.395	ng		99
9) Naphthalene	10.744	128	12819	0.396	ng		99
10) Hexachlorobutadiene	11.021	225	2366	0.386	ng	#	98
12) 2-Methylnaphthalene	12.355	142	7313	0.385	ng		99
16) Acenaphthylene	14.254	152	9107	0.379	ng		99
17) Acenaphthene	14.596	154	6277	0.389	ng		100
18) Fluorene	15.580	166	7503	0.371	ng		98
20) 4,6-Dinitro-2-methylph...	15.666	198	505	0.376	ng	#	73
21) 4-Bromophenyl-phenylether	16.486	248	2142	0.393	ng	#	71
22) Hexachlorobenzene	16.573	284	2650	0.397	ng		99
23) Atrazine	16.759	200	1472	0.380	ng		97
24) Pentachlorophenol	16.933	266	743	0.351	ng		99
25) Phenanthrene	17.317	178	10609	0.392	ng		100
26) Anthracene	17.417	178	8696	0.377	ng		100
28) Fluoranthene	19.350	202	10868	0.357	ng		99
30) Pyrene	19.712	202	10999	0.425	ng		100
32) Benzo(a)anthracene	21.465	228	7249	0.377	ng		99
33) Chrysene	21.519	228	8767	0.401	ng		99
34) Bis(2-ethylhexyl)phtha...	21.411	149	4641	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	26.323	276	8367	0.373	ng	#	87
37) Benzo(b)fluoranthene	23.139	252	7515	0.376	ng		97
38) Benzo(k)fluoranthene	23.189	252	7825	0.374	ng	#	94
39) Benzo(a)pyrene	23.759	252	6667	0.383	ng		97
40) Dibenzo(a,h)anthracene	26.355	278	6757	0.378	ng		99
41) Benzo(g,h,i)perylene	27.077	276	8195	0.376	ng		97

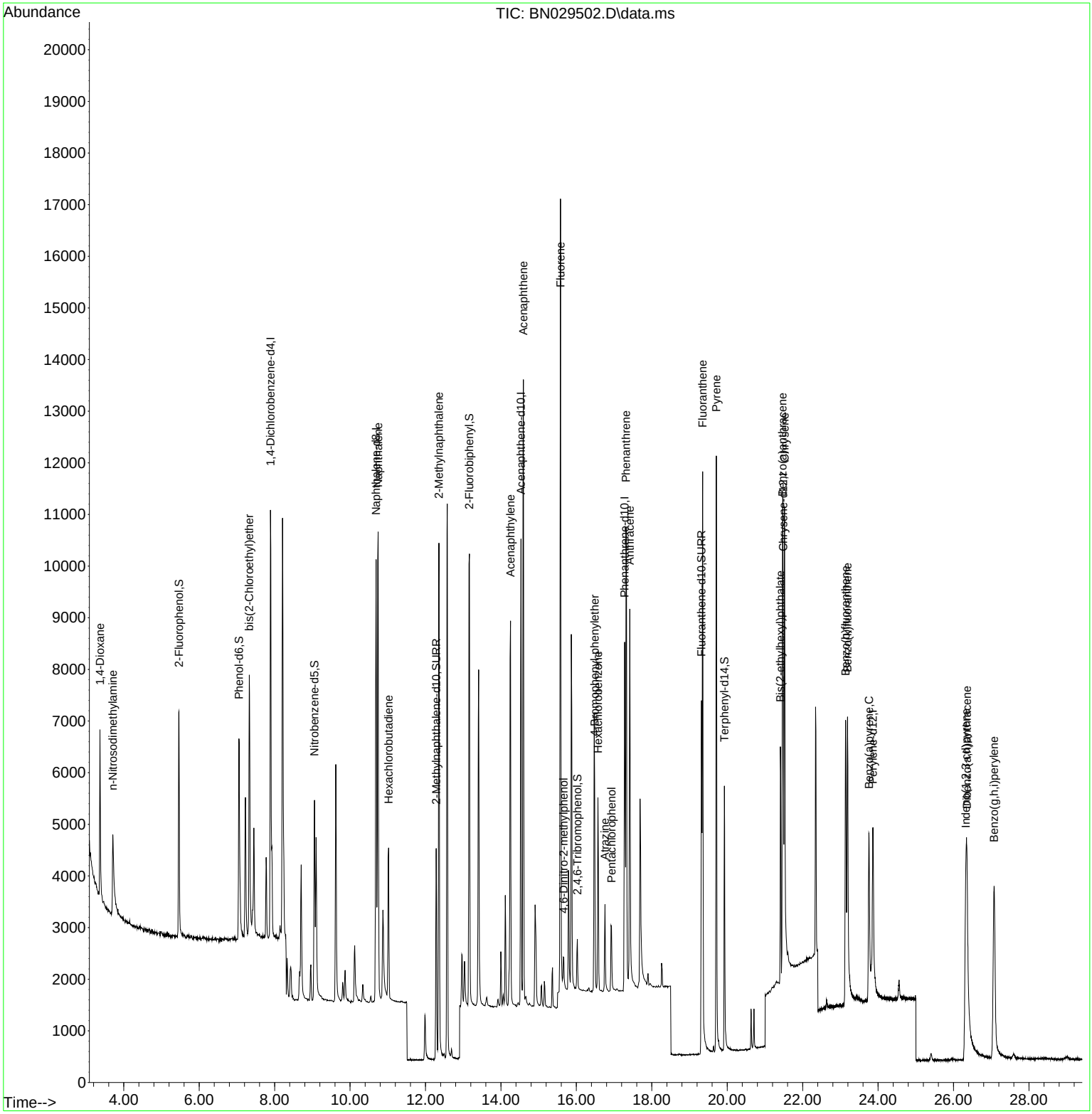
(#) = qualifier out of range (m) = manual integration (+) = signals summed

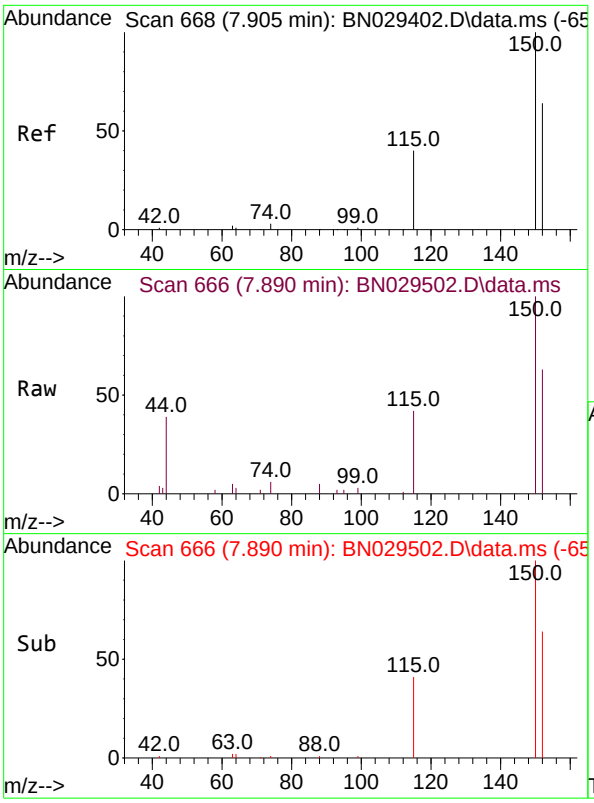
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029502.D
Acq On : 05 Feb 2024 11:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 12:14:56 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



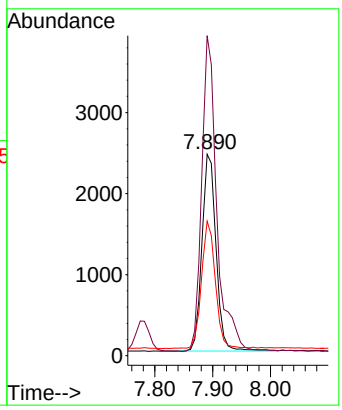


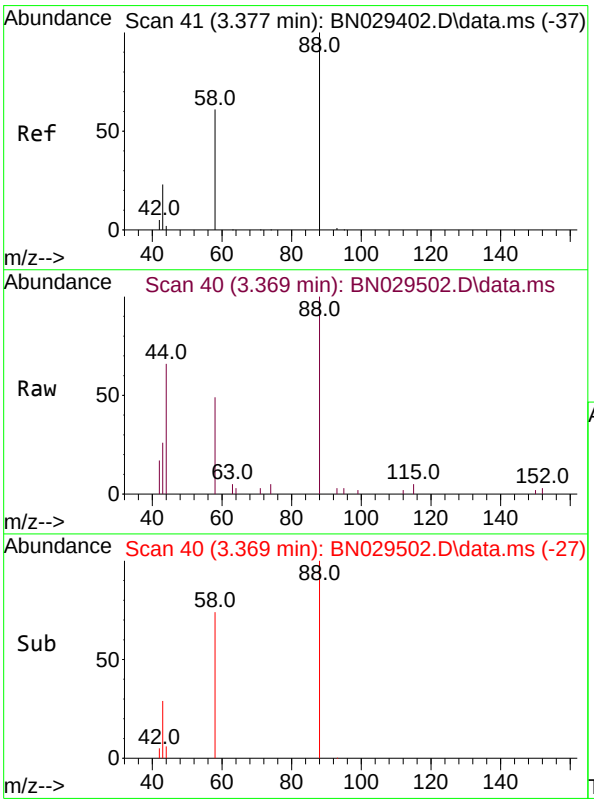
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4126

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.0	184.4
115	66.8	51.4	77.0

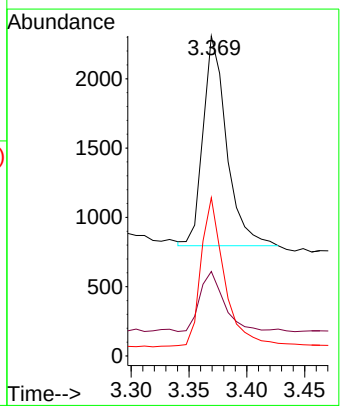


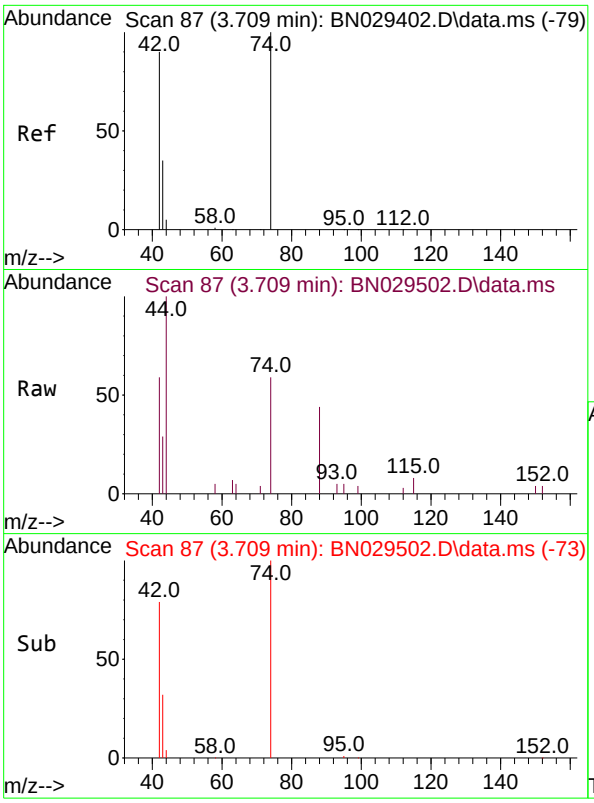


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.369 min Scan# 40
Delta R.T. -0.007 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion: 88 Resp: 2139

Ion	Ratio	Lower	Upper
88	100		
43	29.7	23.3	34.9
58	71.9	53.8	80.6



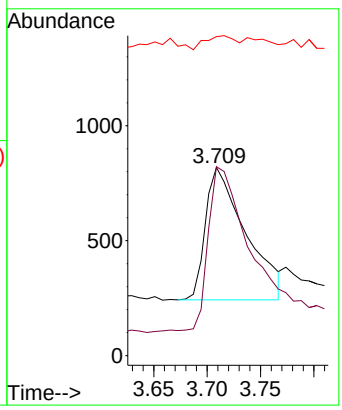


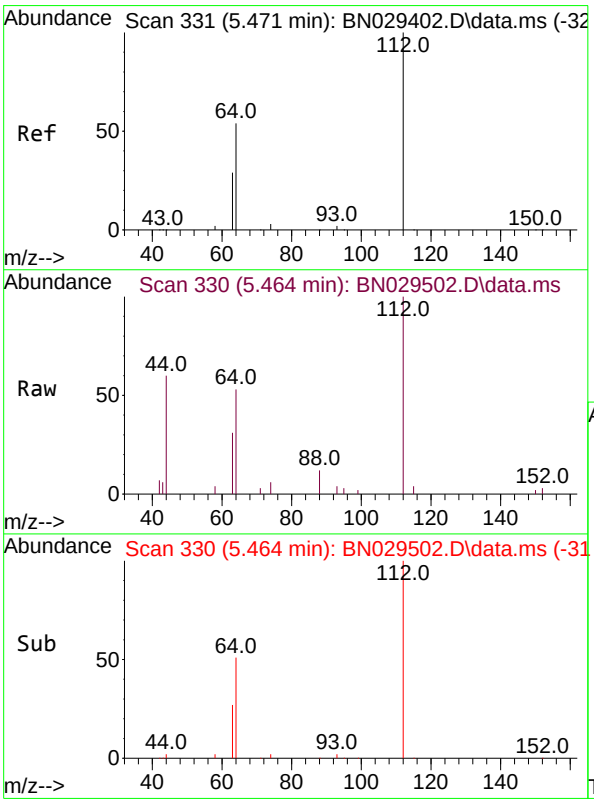
#3
n-Nitrosodimethylamine
Concen: 0.318 ng
RT: 3.709 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1505

Ion	Ratio	Lower	Upper
42	100		
74	134.8	93.7	140.5
44	8.0	13.0	19.4#

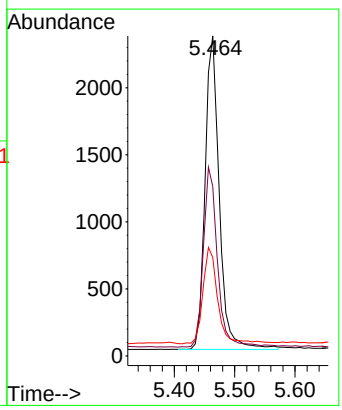


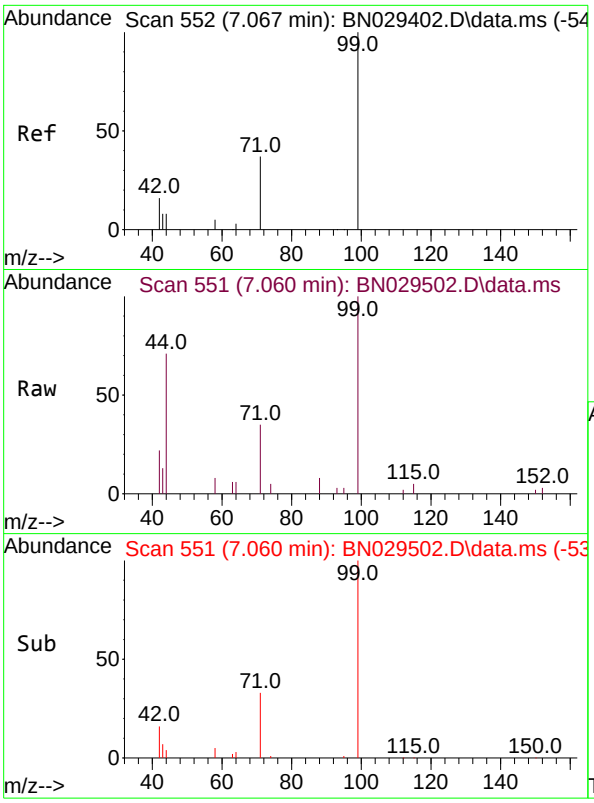


#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:112 Resp: 3833

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.2	70.8
63	32.4	25.8	38.6



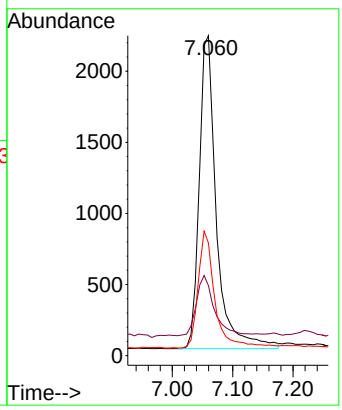


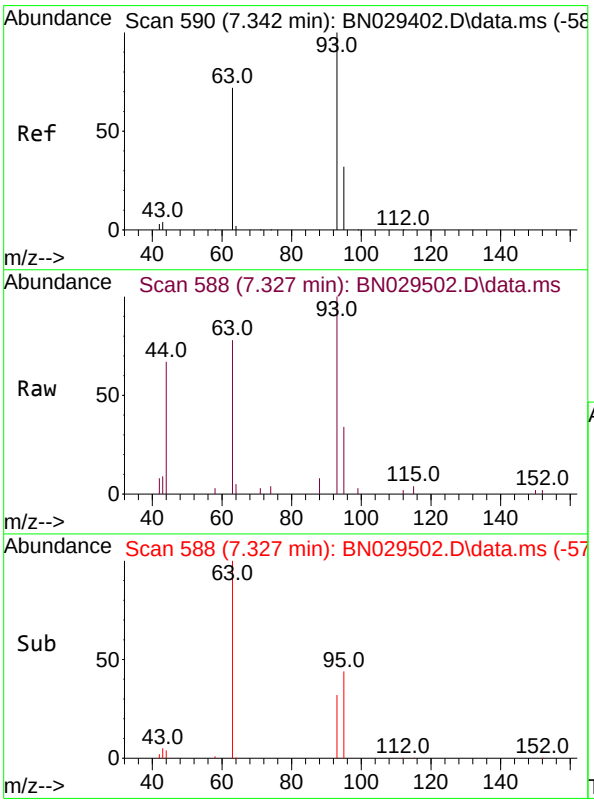
#5
Phenol-d6
Concen: 0.381 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4354

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.9	25.3
71	36.9	30.0	45.0

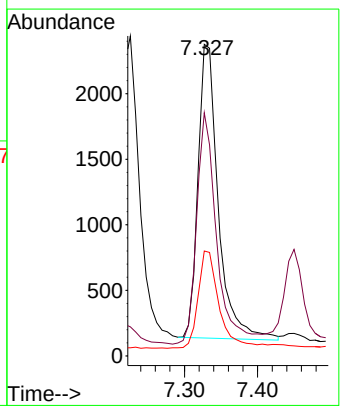


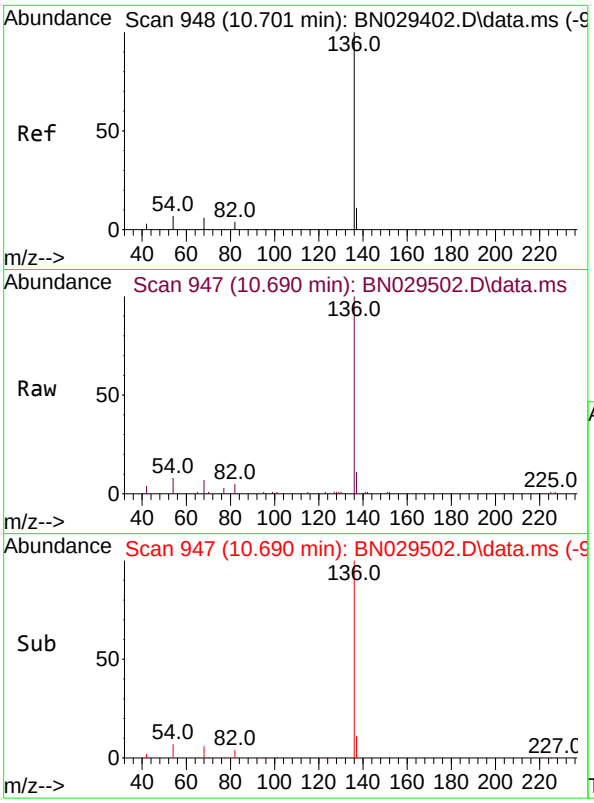


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion: 93 Resp: 4311

Ion	Ratio	Lower	Upper
93	100		
63	78.3	63.1	94.7
95	34.3	27.1	40.7



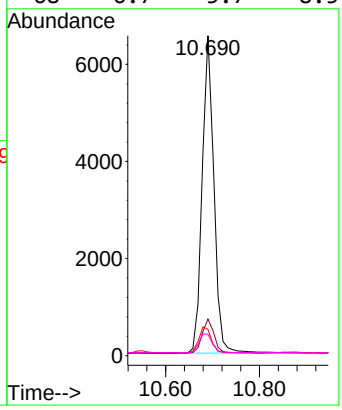


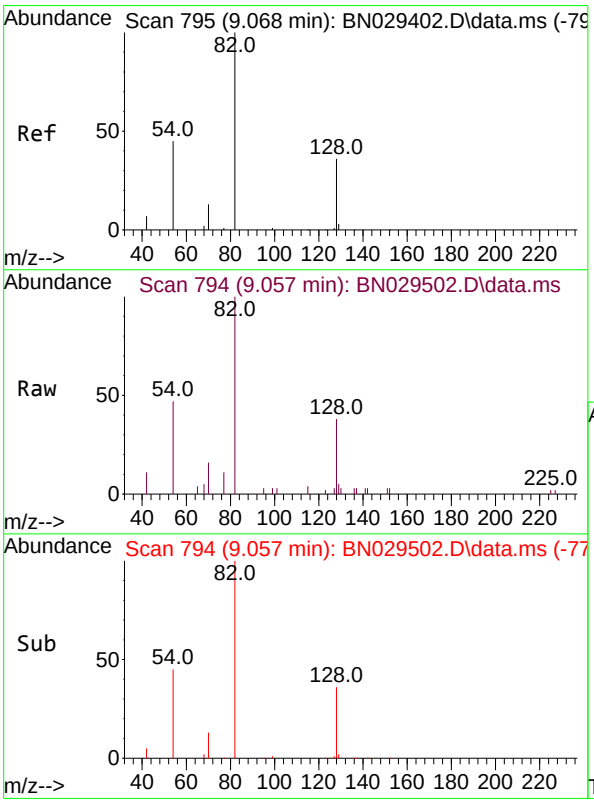
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11350

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	8.2	6.6	10.0
68	6.7	5.7	8.5

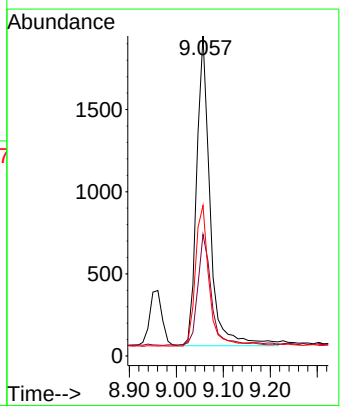


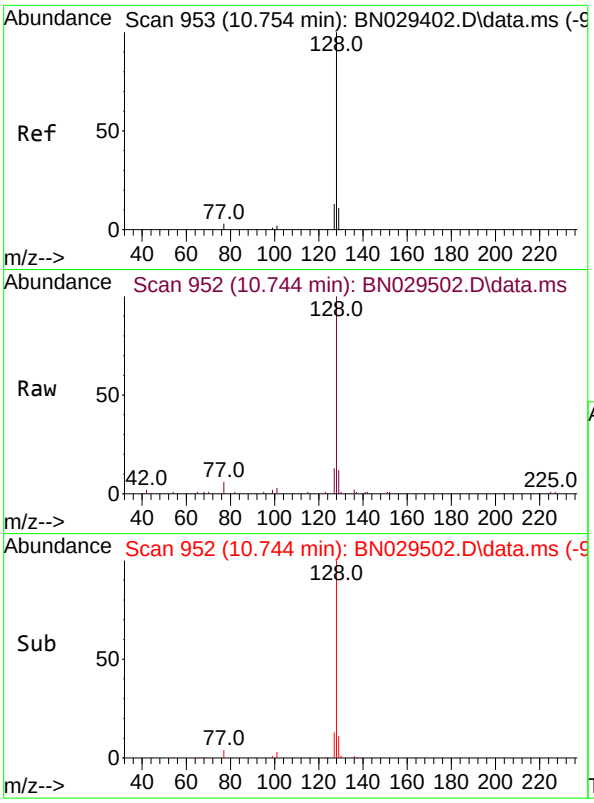


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion: 82 Resp: 3763

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.6	47.4
54	47.1	38.2	57.4



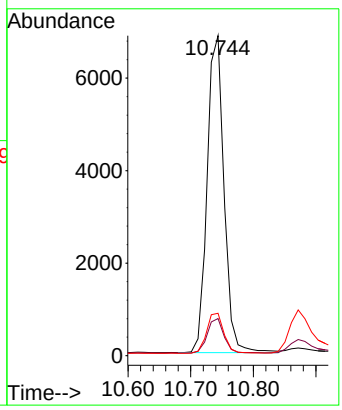


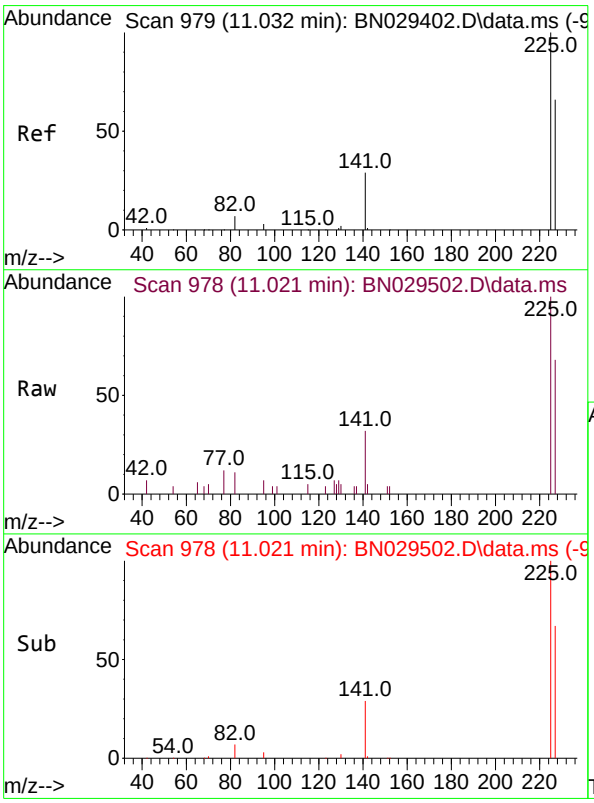
#9
Naphthalene
Concen: 0.396 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 12819

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.2	10.8	16.2

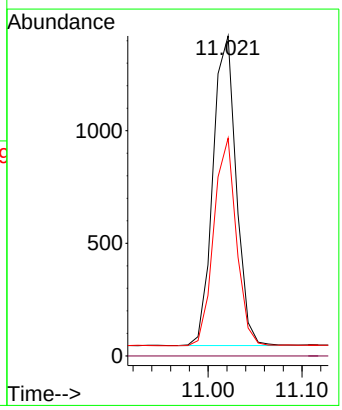


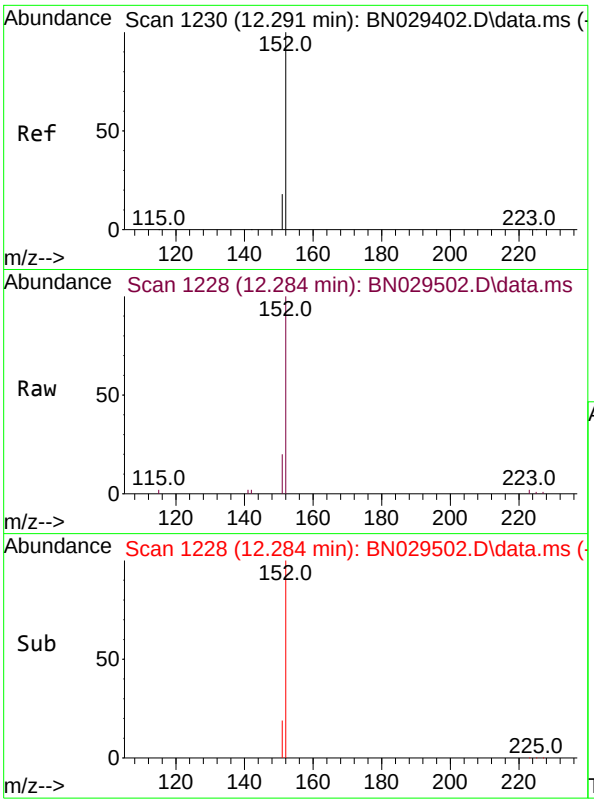


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:225 Resp: 2366

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.2	51.1	76.7



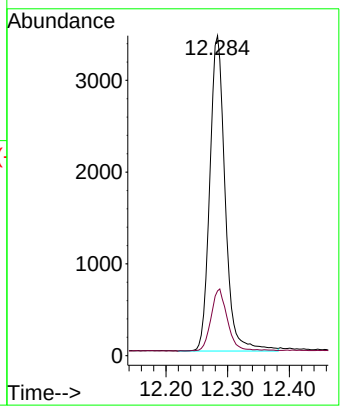


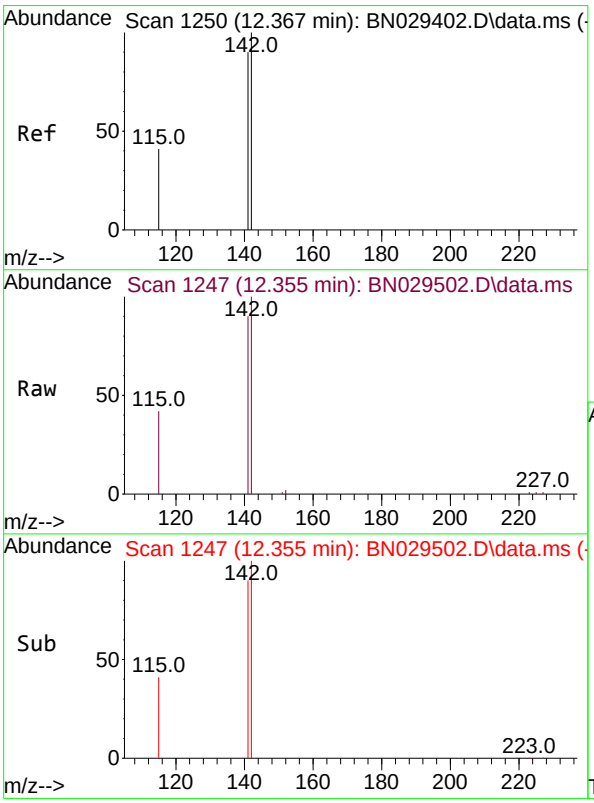
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.284 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5951

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7

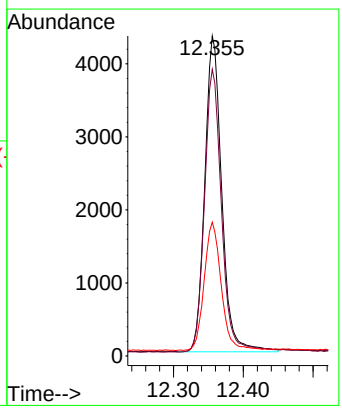


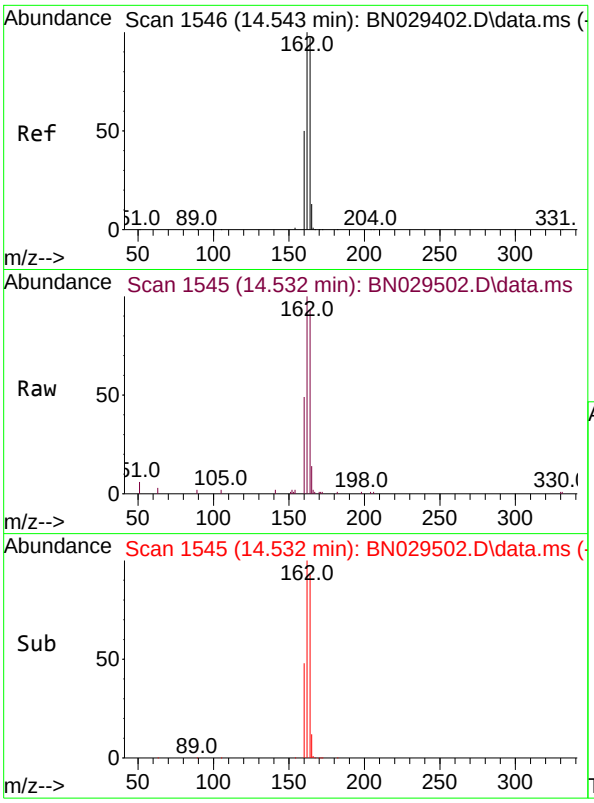


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:142 Resp: 7313

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	41.8	33.9	50.9



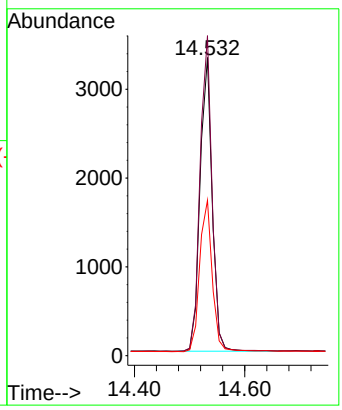


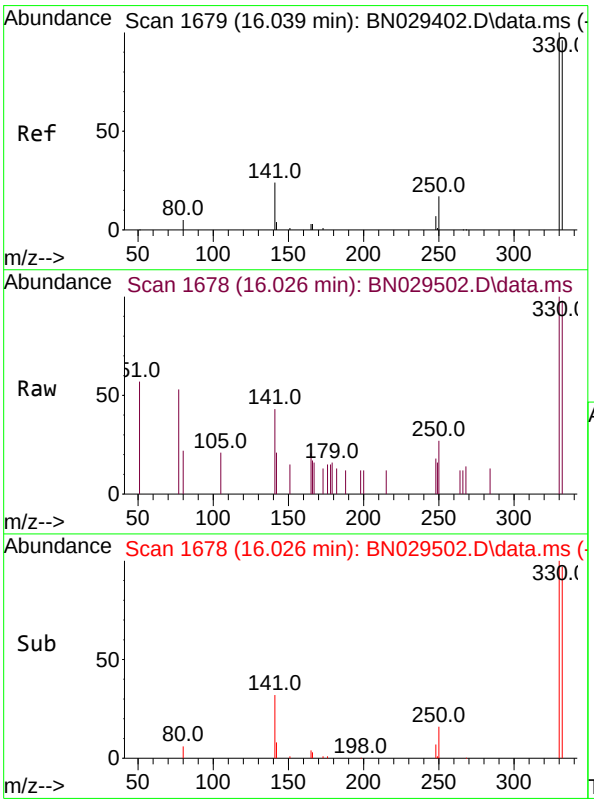
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5058

Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.6	123.8
160	52.1	41.5	62.3

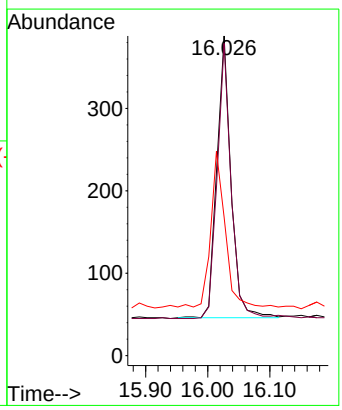


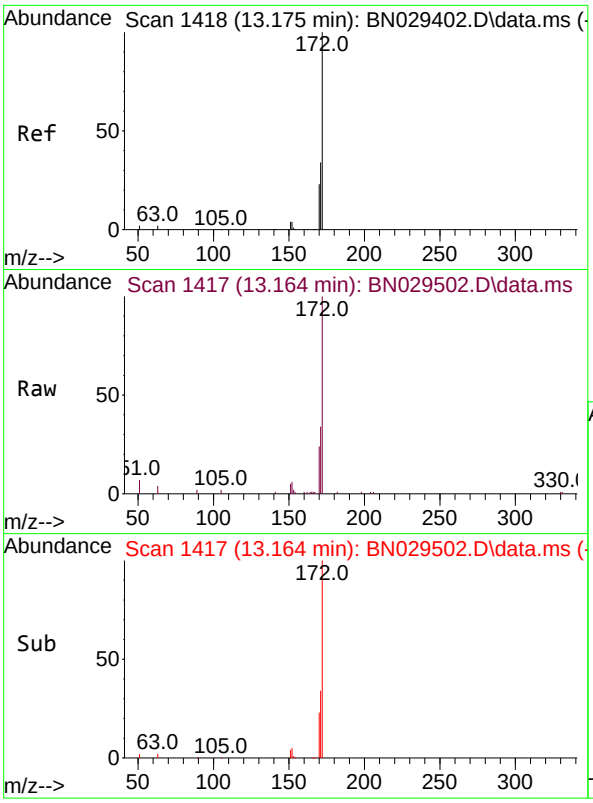


#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 16.026 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:330 Resp: 540

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	55.9	43.4	65.2



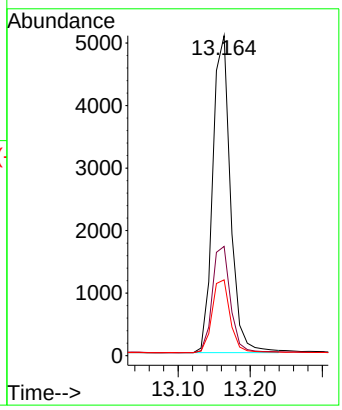


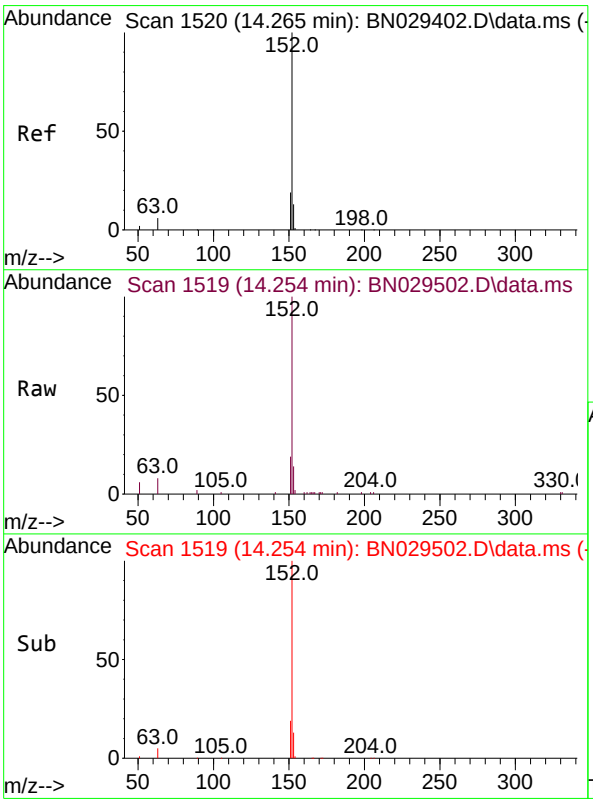
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 8671

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.0	42.0
170	23.7	18.7	28.1

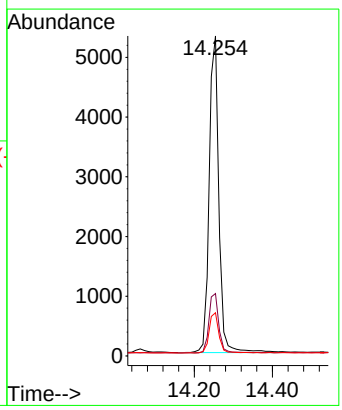


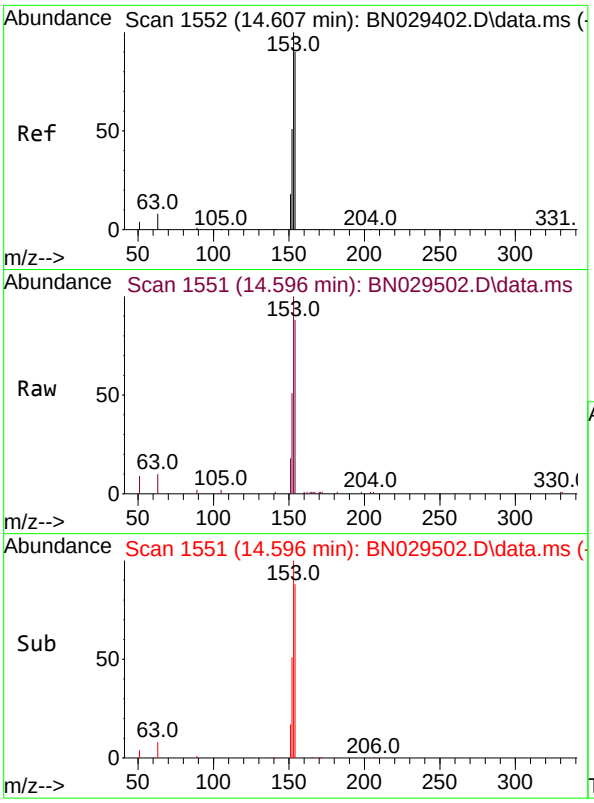


#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:152 Resp: 9107

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.8	10.5	15.7



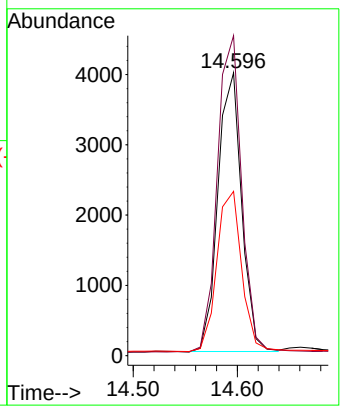


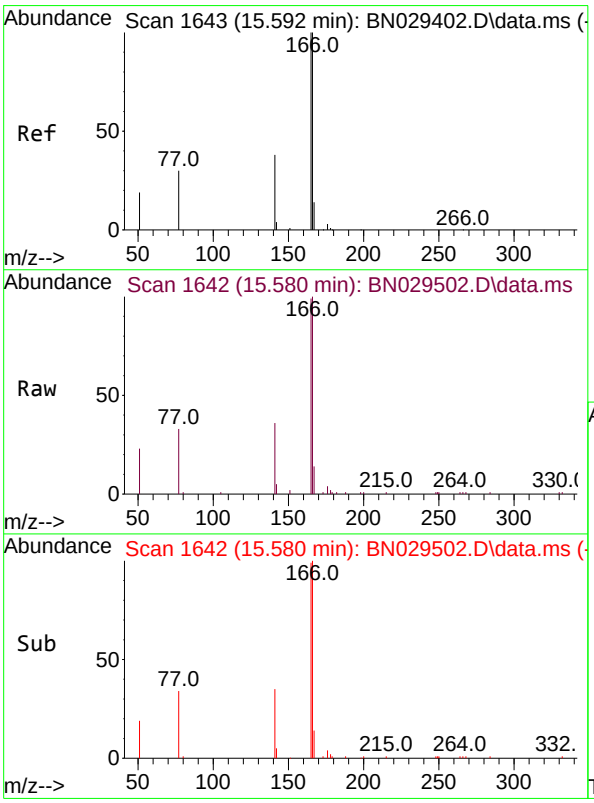
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.596 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6277

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.6	140.4
152	61.2	48.6	73.0

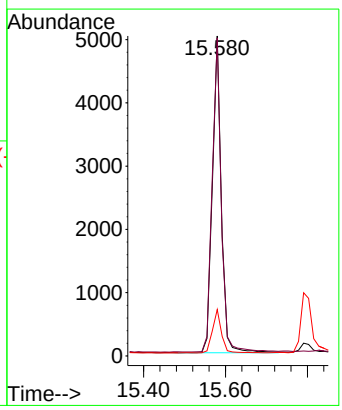


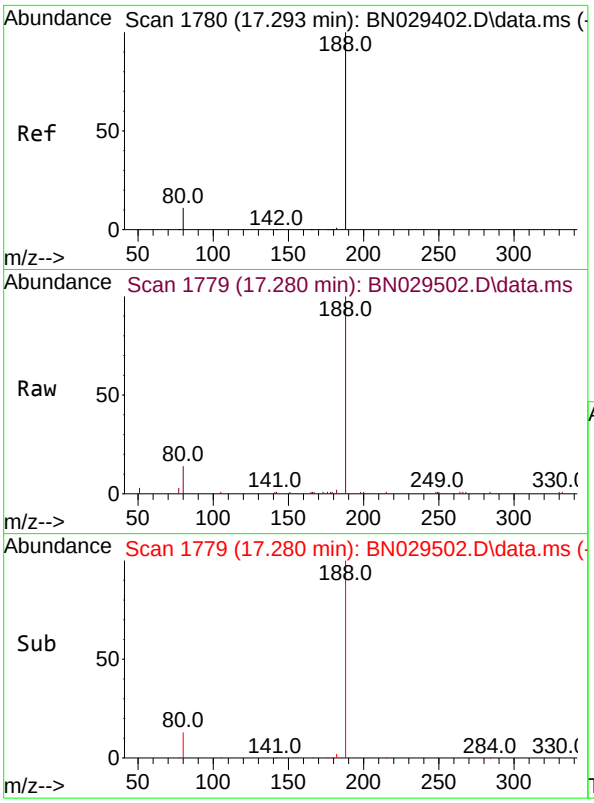


#18
Fluorene
Concen: 0.371 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:166 Resp: 7503

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.9	119.9
167	13.8	11.3	16.9



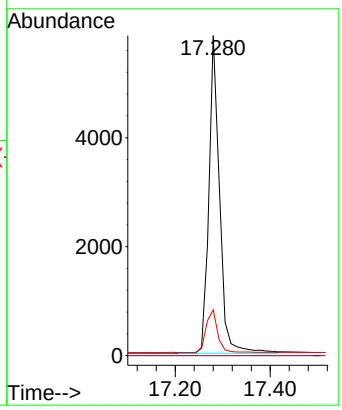


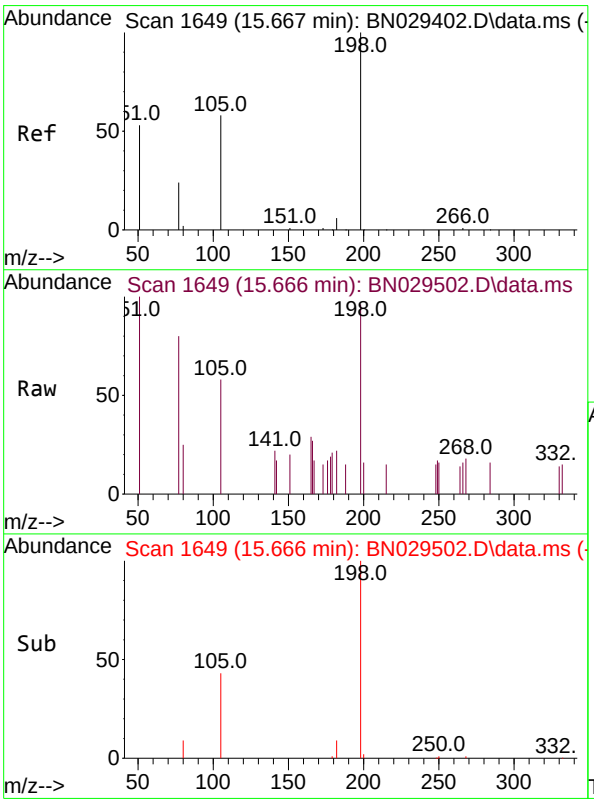
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 9149

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	10.0	15.0

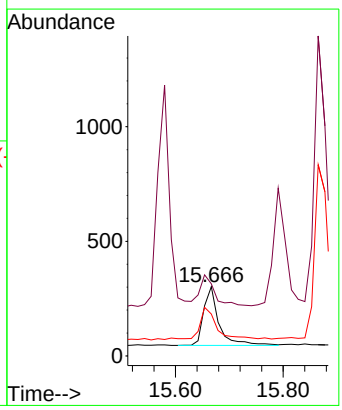


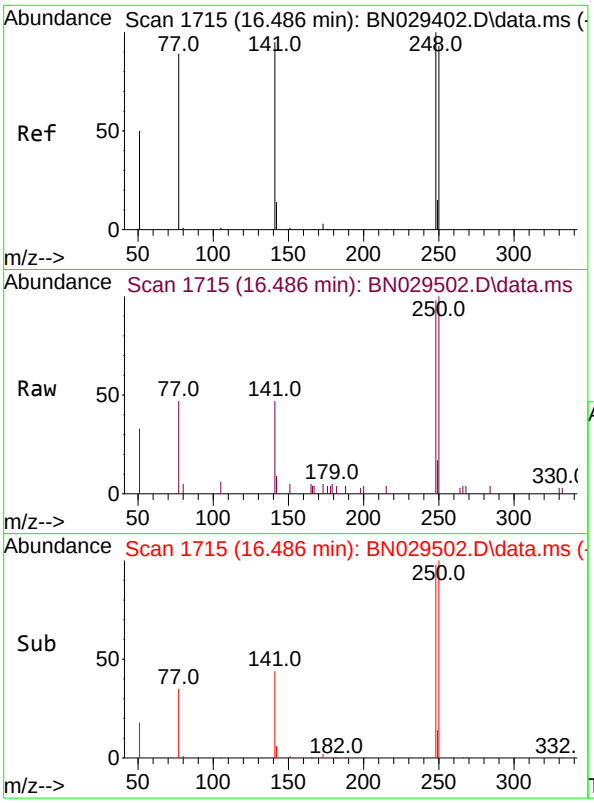


#20
4,6-Dinitro-2-methylphenol
Concen: 0.376 ng
RT: 15.666 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:198 Resp: 505

Ion	Ratio	Lower	Upper
198	100		
51	104.3	111.0	166.6#
105	60.6	67.0	100.6#



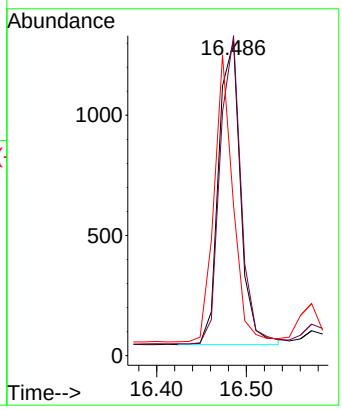


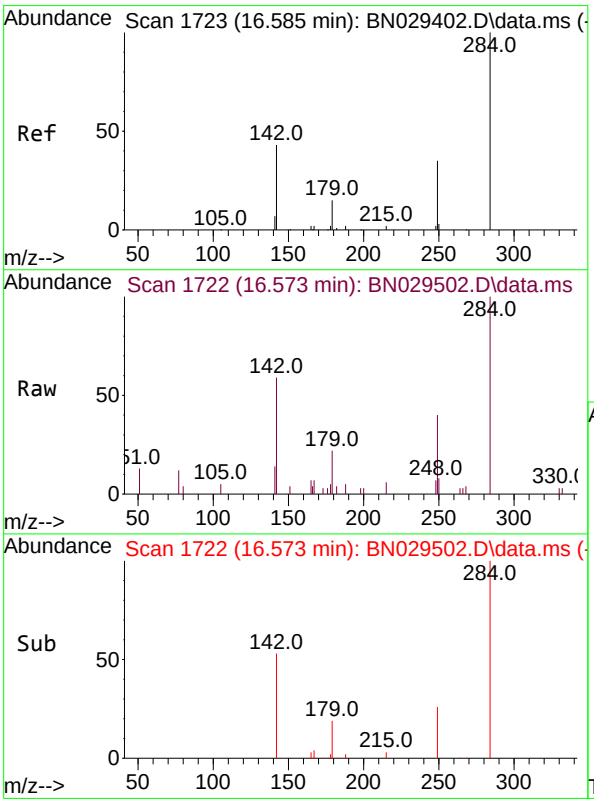
#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2142

Ion	Ratio	Lower	Upper
248	100		
250	101.8	75.0	112.4
141	47.8	77.0	115.6#

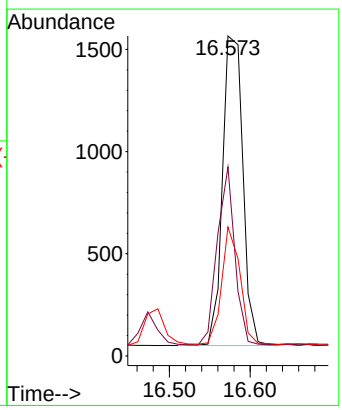


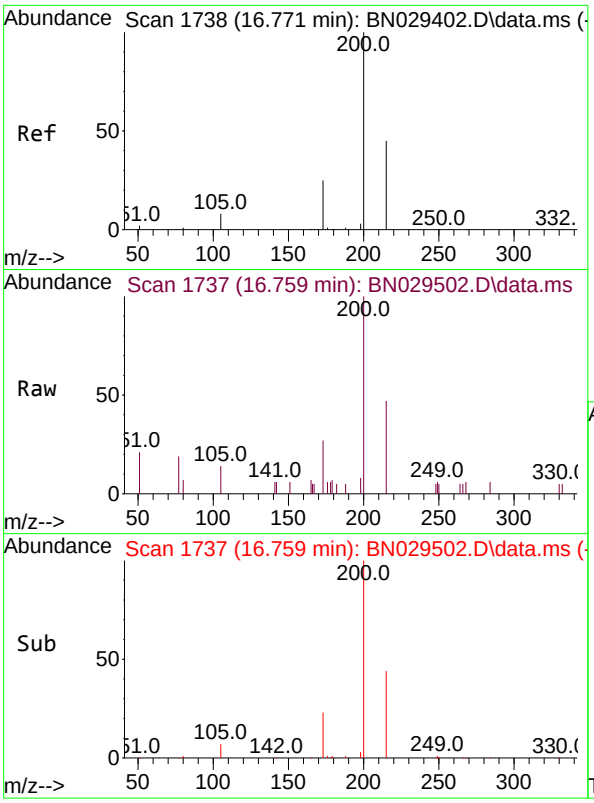


#22
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:284 Resp: 2650

Ion	Ratio	Lower	Upper
284	100		
142	49.6	39.4	59.2
249	34.2	26.9	40.3



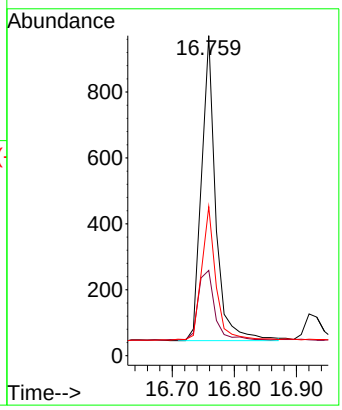


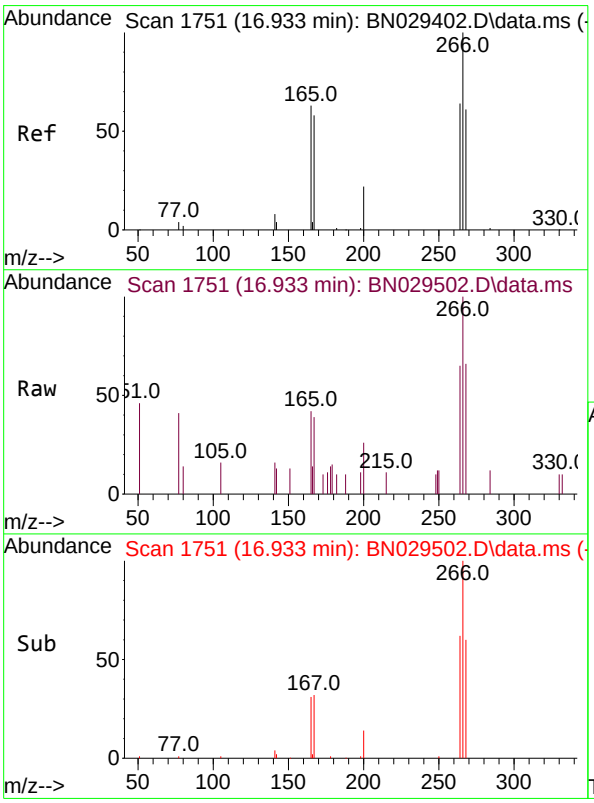
#23
Atrazine
Concen: 0.380 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1472

Ion	Ratio	Lower	Upper
200	100		
173	26.7	23.4	35.0
215	46.5	38.4	57.6

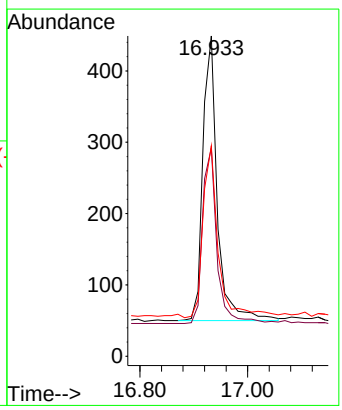


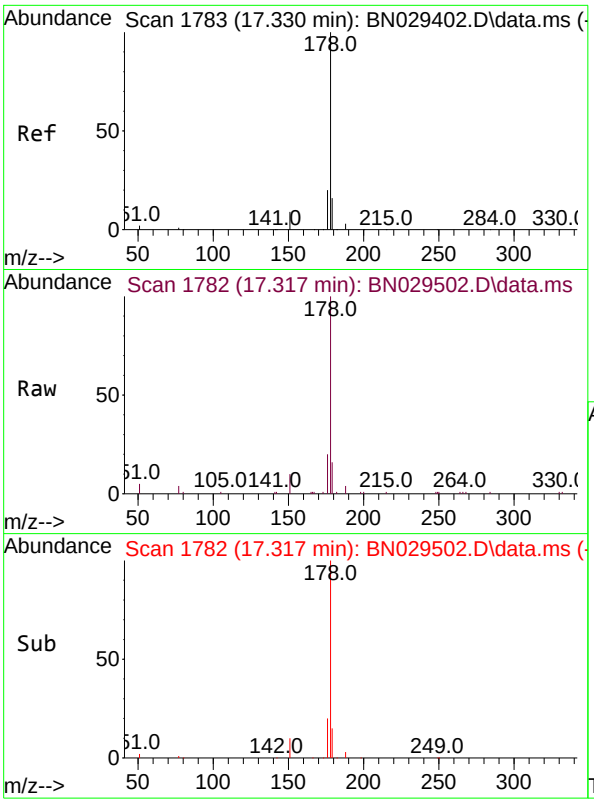


#24
Pentachlorophenol
Concen: 0.351 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:266 Resp: 743

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.8	76.2
268	64.2	51.5	77.3



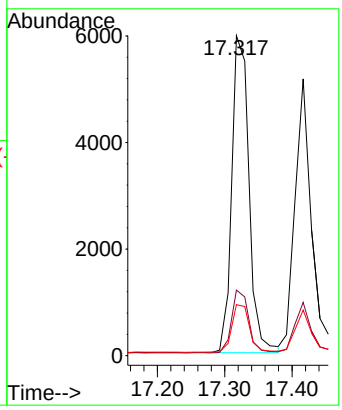


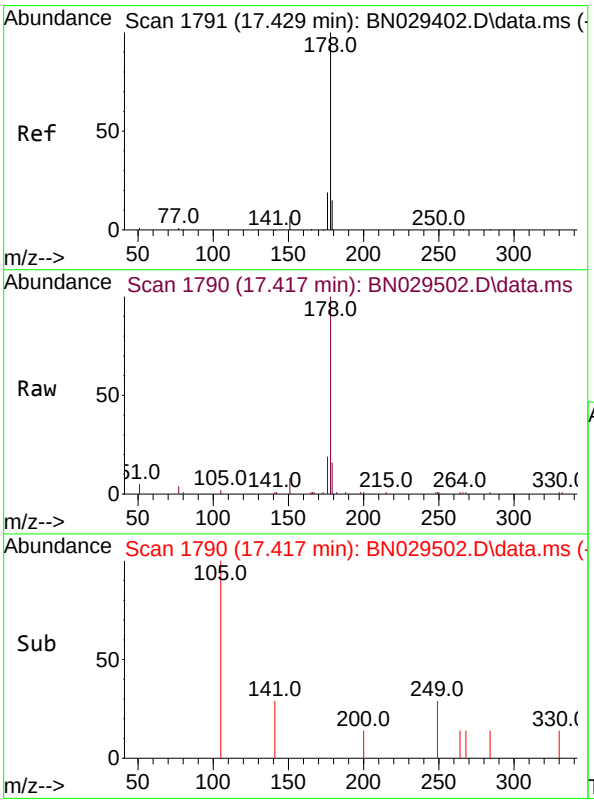
#25
Phenanthrene
Concen: 0.392 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10609

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.5	12.6	19.0

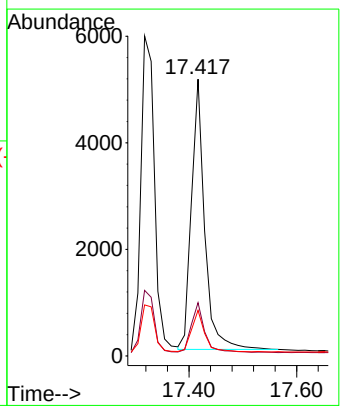


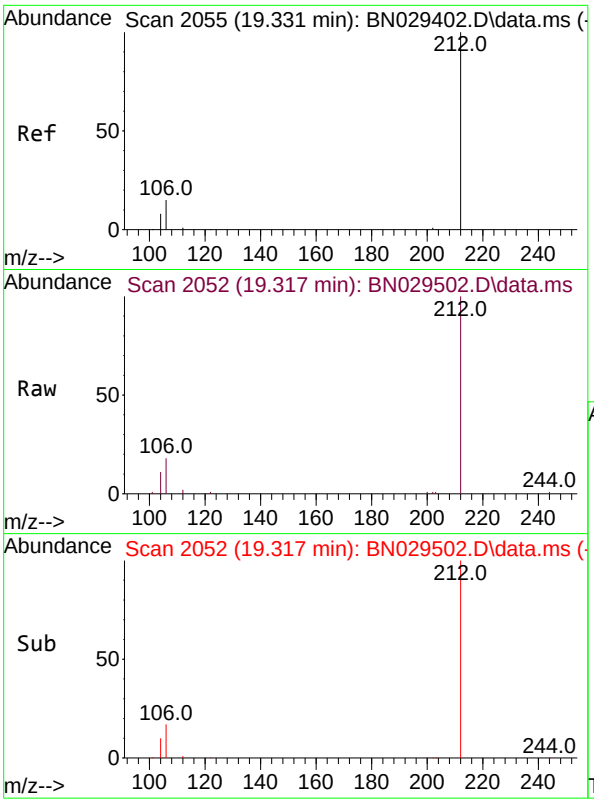


#26
Anthracene
Concen: 0.377 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:178 Resp: 8696

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.1	12.3	18.5



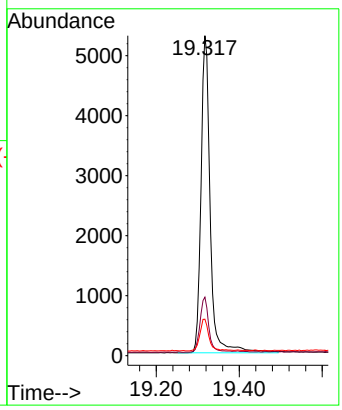


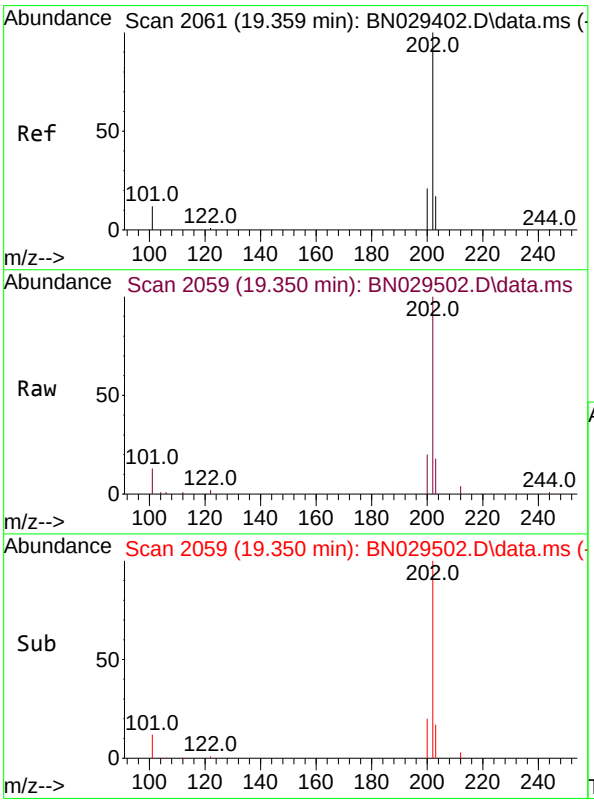
#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.317 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 8147

Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.2	19.8
104	10.0	7.7	11.5

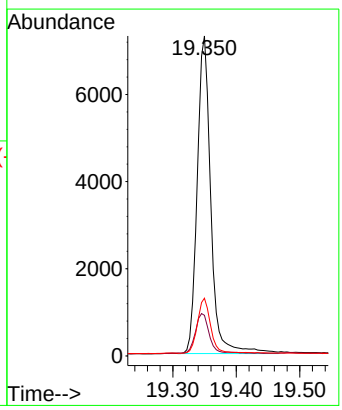


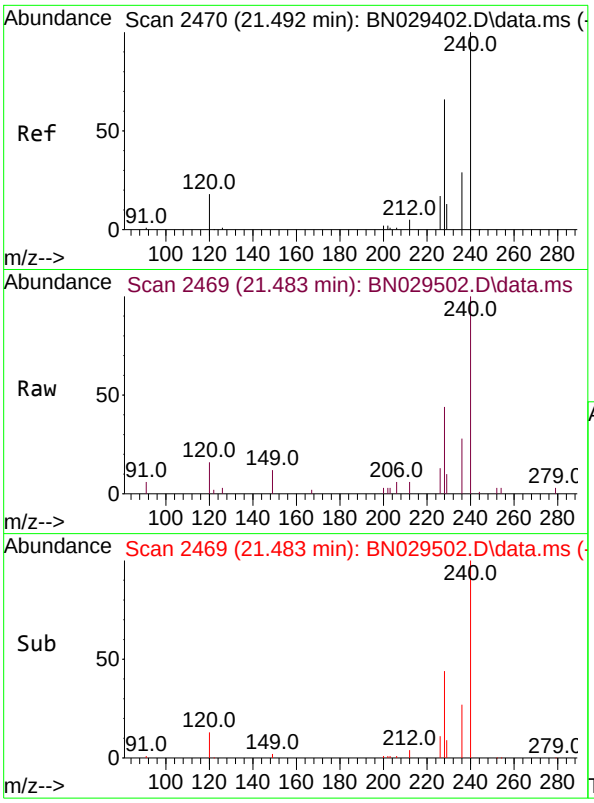


#28
Fluoranthene
Concen: 0.357 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:202 Resp: 10868

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.5	15.7
203	16.7	13.5	20.3



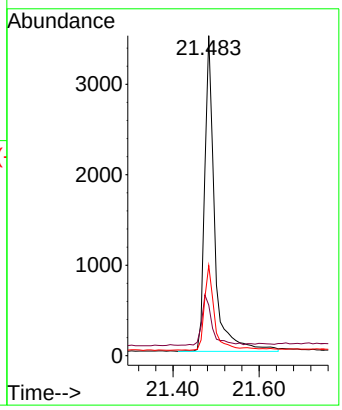


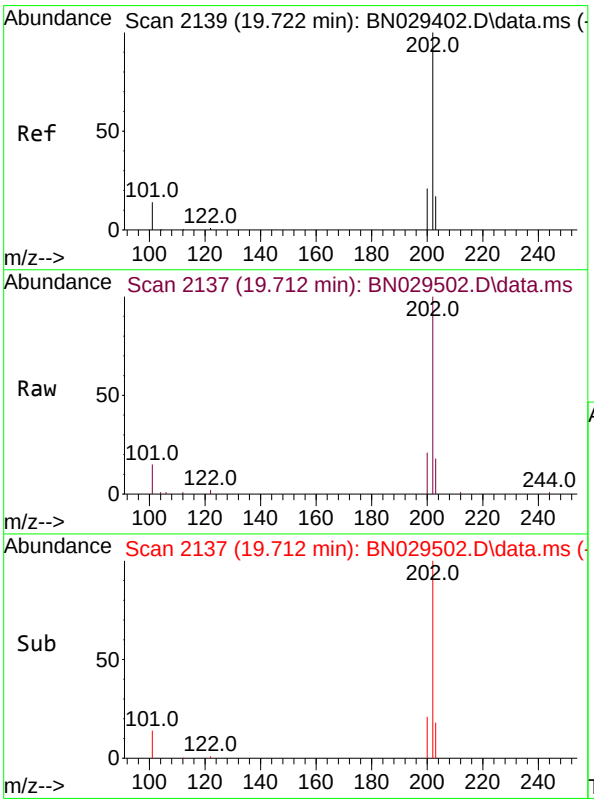
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5625

Ion	Ratio	Lower	Upper
240	100		
120	15.8	16.7	25.1#
236	28.2	23.9	35.9

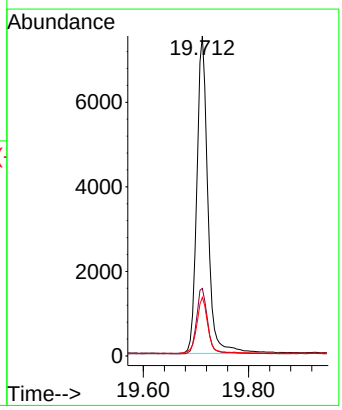


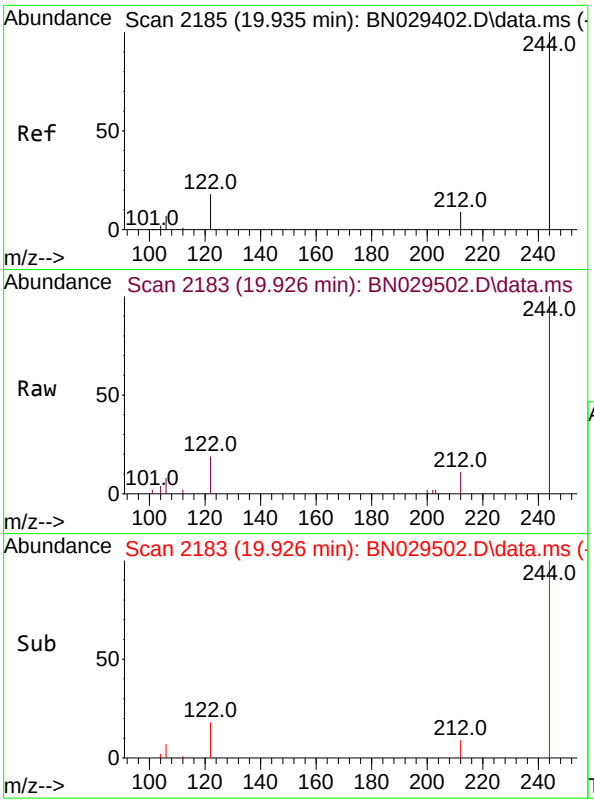


#30
Pyrene
Concen: 0.425 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:202 Resp: 10999

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.1	14.2	21.4



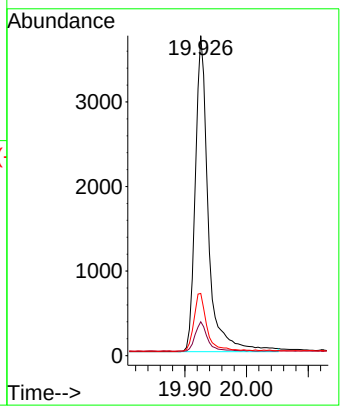


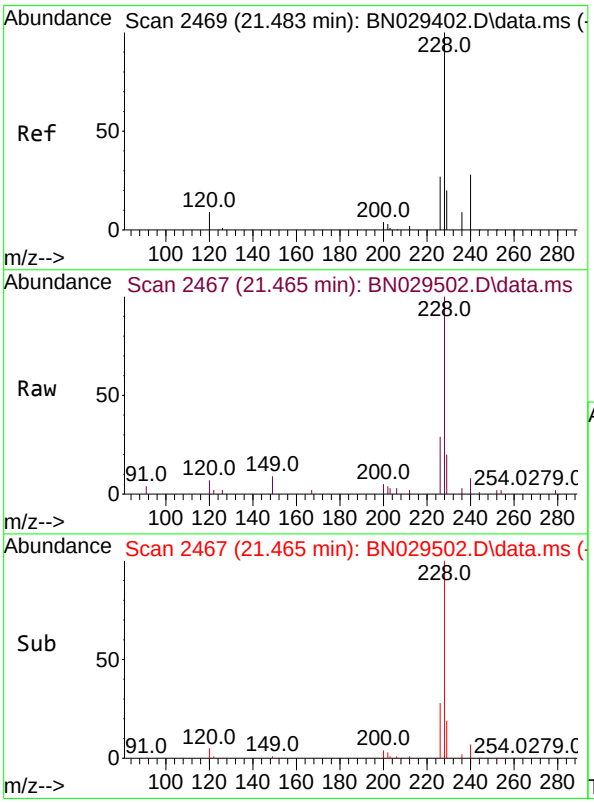
#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5522

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.2	12.4
122	19.5	15.6	23.4

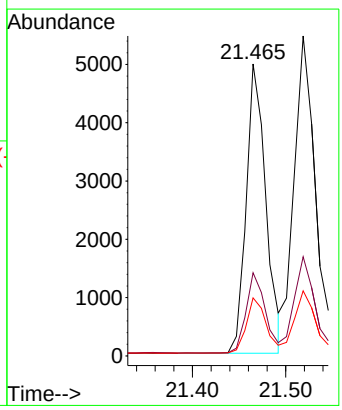


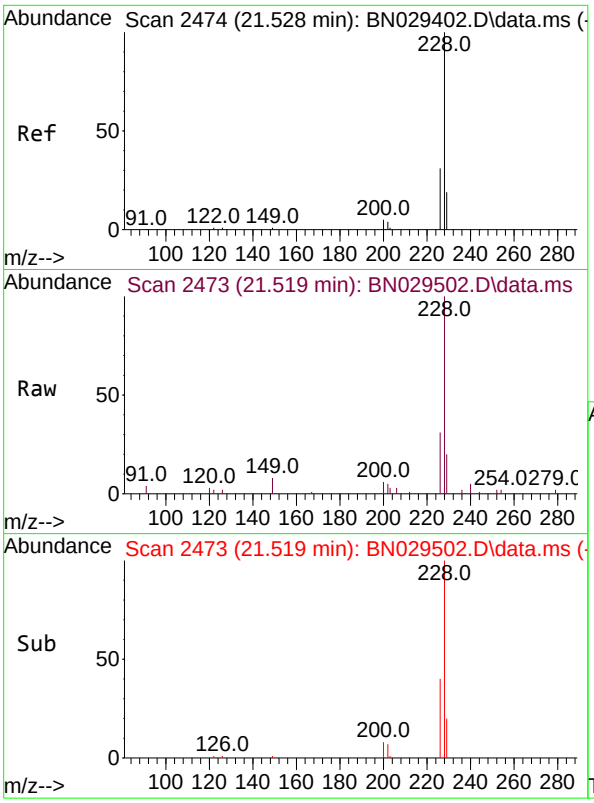


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:228 Resp: 7249

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	19.9	16.5	24.7



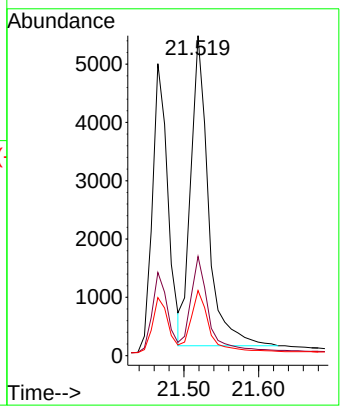


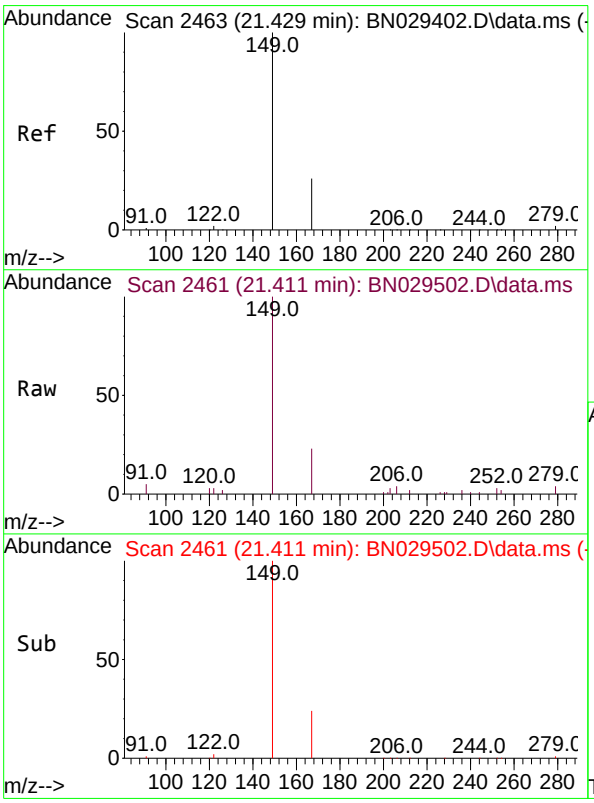
#33
Chrysene
Concen: 0.401 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8767

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.4	15.9	23.9

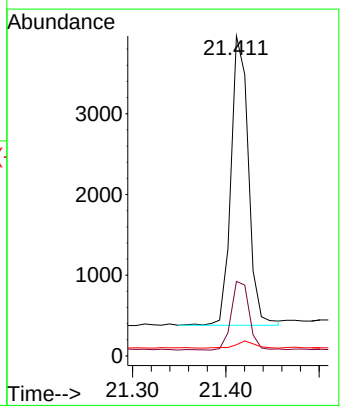


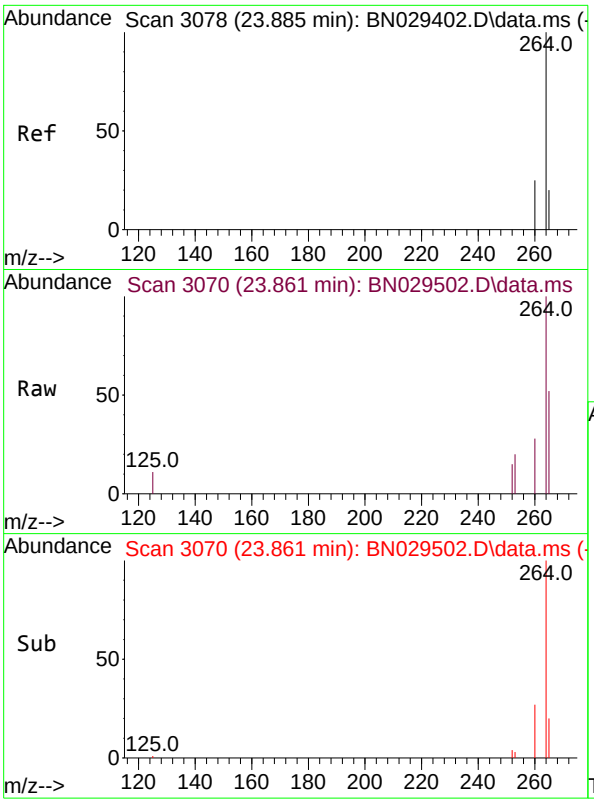


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.354 ng
RT: 21.411 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:149 Resp: 4641

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.1	30.1
279	2.6	2.5	3.7



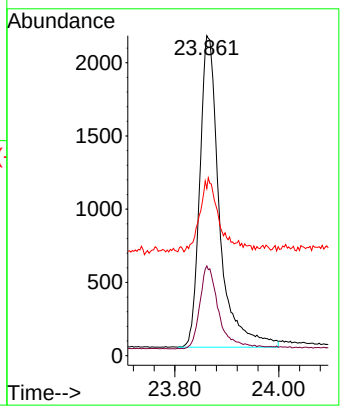


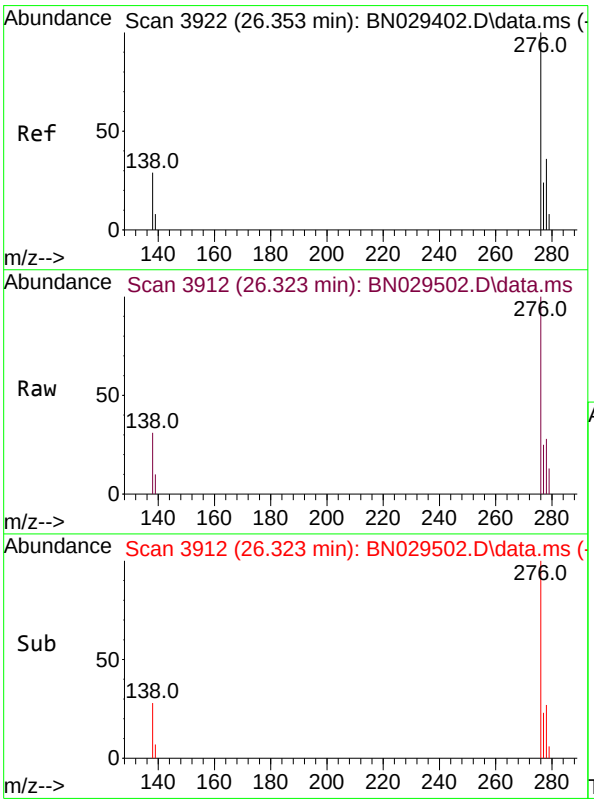
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.861 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5586

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.2	31.8
265	52.3	41.5	62.3

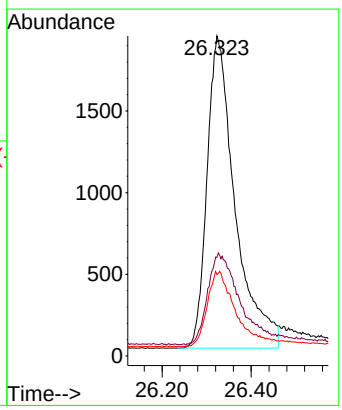


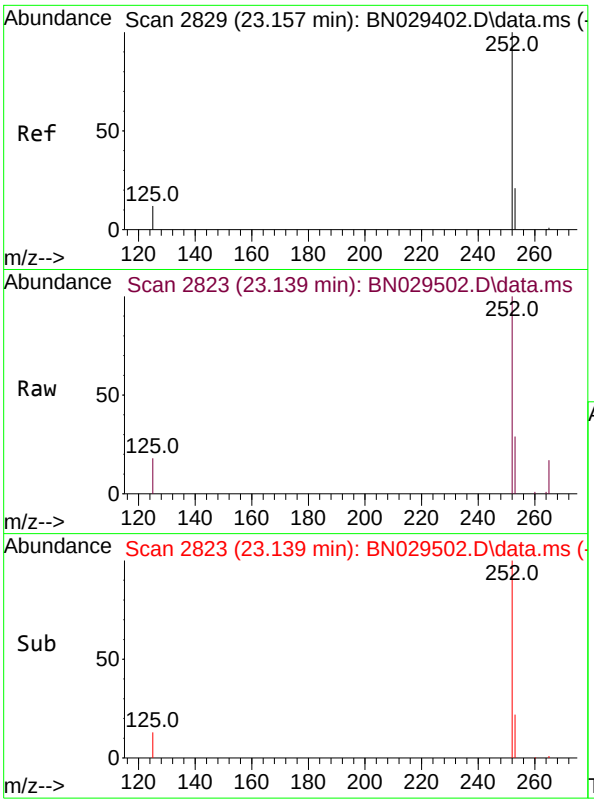


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.323 min Scan# 3912
Delta R.T. -0.012 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:276 Resp: 8367

Ion	Ratio	Lower	Upper
276	100		
138	34.0	20.5	30.7#
277	24.9	17.0	25.4



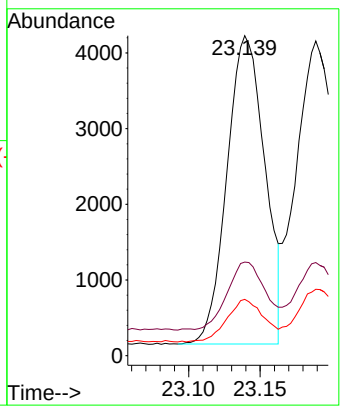


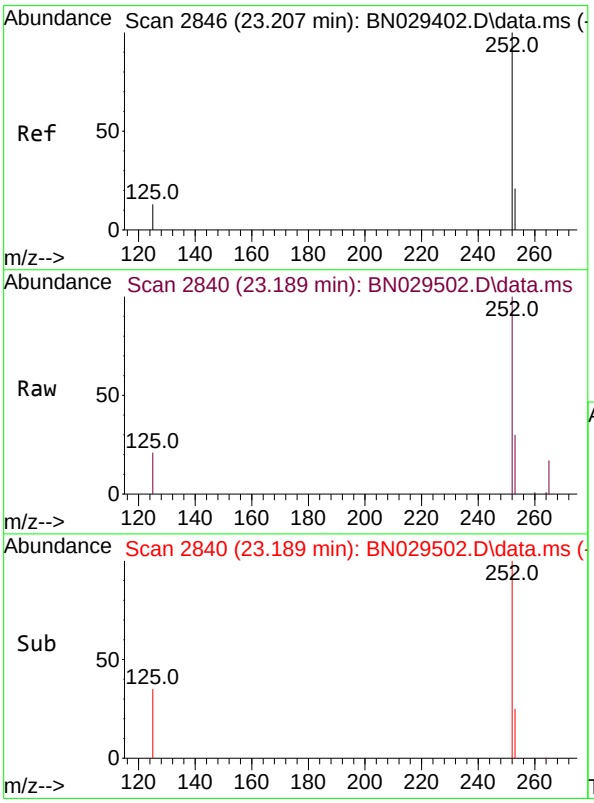
#37
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.139 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7515

Ion	Ratio	Lower	Upper
252	100		
253	29.2	21.7	32.5
125	17.6	13.3	19.9

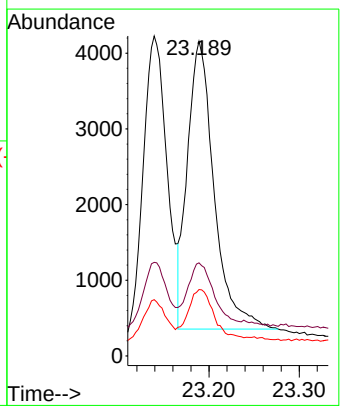


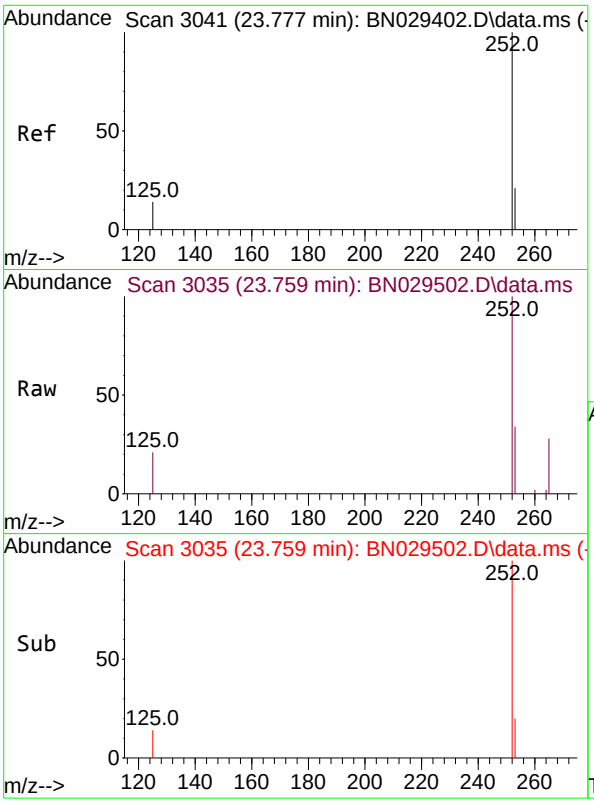


#38
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.189 min Scan# 2840
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:252 Resp: 7825

Ion	Ratio	Lower	Upper
252	100		
253	29.6	21.8	32.8
125	21.1	13.9	20.9#



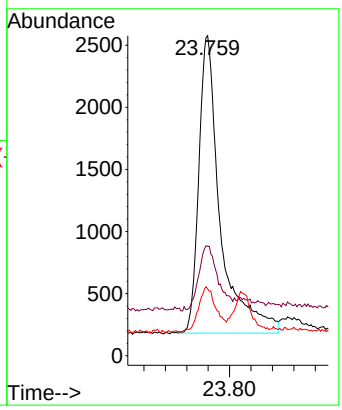


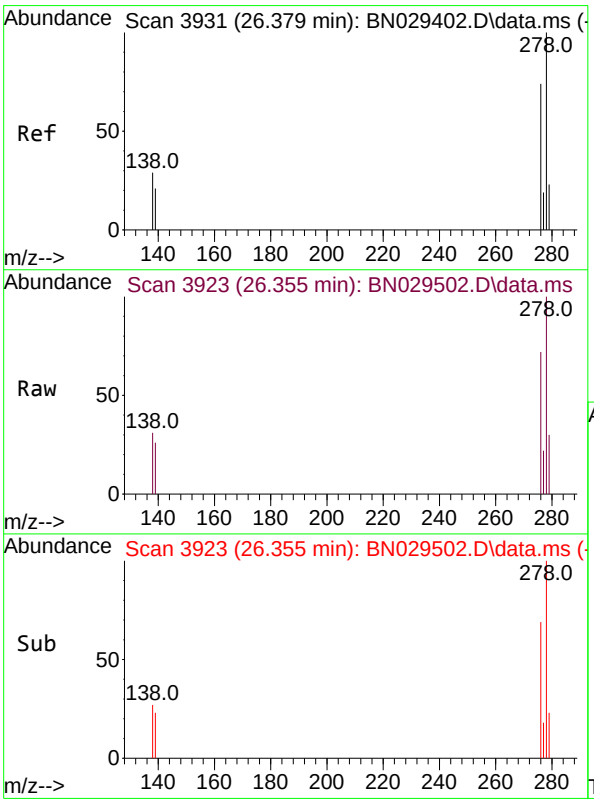
#39
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.759 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6667

Ion	Ratio	Lower	Upper
252	100		
253	34.1	24.9	37.3
125	20.8	16.6	25.0

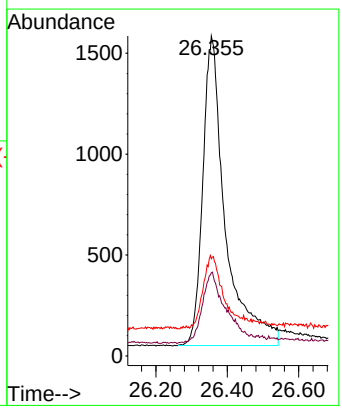


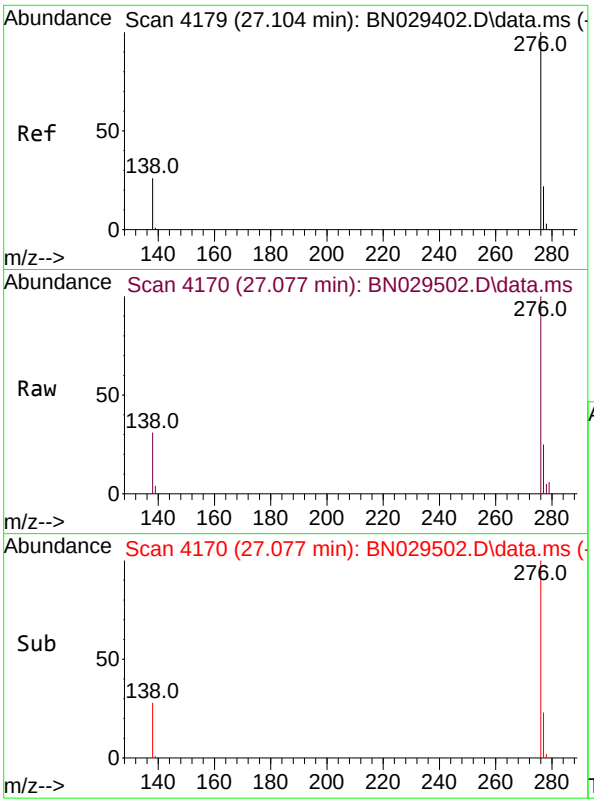


#40
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.355 min Scan# 3923
Delta R.T. -0.009 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Tgt Ion:278 Resp: 6757

Ion	Ratio	Lower	Upper
278	100		
139	26.0	20.4	30.6
279	30.3	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 27.077 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN029502.D
Acq: 05 Feb 2024 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8195

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	31.1	23.5	35.3