Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029504.D
Acq On : 05 Feb 2024 12:45
Operator : MA/JU
Sample : PB158799BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 13:14:51 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	5379	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	14412	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	6125	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10628	0.400	ng		0.00
29) Chrysene-d12	21.483	240	5736	0.400	ng		0.00
35) Perylene-d12	23.864	264	5376	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4899	0.379	ng		0.00
5) Phenol-d6	7.060	99	5747	0.385	ng		0.00
8) Nitrobenzene-d5	9.057	82	4045	0.337	ng		0.00
11) 2-Methylnaphthalene-d10	12.280	152	8208	0.418	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	610	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	9121	0.347	ng		0.00
27) Fluoranthene-d10	19.317	212	7055	0.274	ng		0.00
31) Terphenyl-d14	19.926	244	4932	0.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	2525	0.333	ng	#	57
3) n-Nitrosodimethylamine	3.702	42	1794	0.291	ng	#	84
6) bis(2-Chloroethyl)ether	7.327	93	4771	0.335	ng		98
9) Naphthalene	10.744	128	12603	0.307	ng		99
10) Hexachlorobutadiene	11.021	225	2261	0.290	ng	#	99
12) 2-Methylnaphthalene	12.355	142	7259	0.301	ng		99
16) Acenaphthylene	14.254	152	9400	0.323	ng		99
17) Acenaphthene	14.596	154	5980	0.306	ng		98
18) Fluorene	15.580	166	7138	0.291	ng		100
20) 4,6-Dinitro-2-methylph...	15.667	198	457	0.293	ng	#	62
21) 4-Bromophenyl-phenylether	16.486	248	1989	0.314	ng	#	68
22) Hexachlorobenzene	16.573	284	2337	0.301	ng		99
23) Atrazine	16.759	200	1318	0.293	ng		99
24) Pentachlorophenol	16.933	266	775	0.315	ng		98
25) Phenanthrene	17.317	178	9848	0.313	ng		98
26) Anthracene	17.417	178	8231	0.307	ng		100
28) Fluoranthene	19.350	202	8922	0.252	ng		100
30) Pyrene	19.712	202	9222	0.349	ng		100
32) Benzo(a)anthracene	21.465	228	5911	0.302	ng		99
33) Chrysene	21.519	228	6740	0.303	ng		100
34) Bis(2-ethylhexyl)phtha...	21.420	149	3822	0.286	ng		98
36) Indeno(1,2,3-cd)pyrene	26.329	276	6895	0.319	ng	#	89
37) Benzo(b)fluoranthene	23.142	252	6059	0.315	ng		92
38) Benzo(k)fluoranthene	23.192	252	5825	0.289	ng	#	89
39) Benzo(a)pyrene	23.759	252	5166	0.308	ng	#	89
40) Dibenzo(a,h)anthracene	26.355	278	5448	0.317	ng		97
41) Benzo(g,h,i)perylene	27.080	276	6352	0.303	ng		95

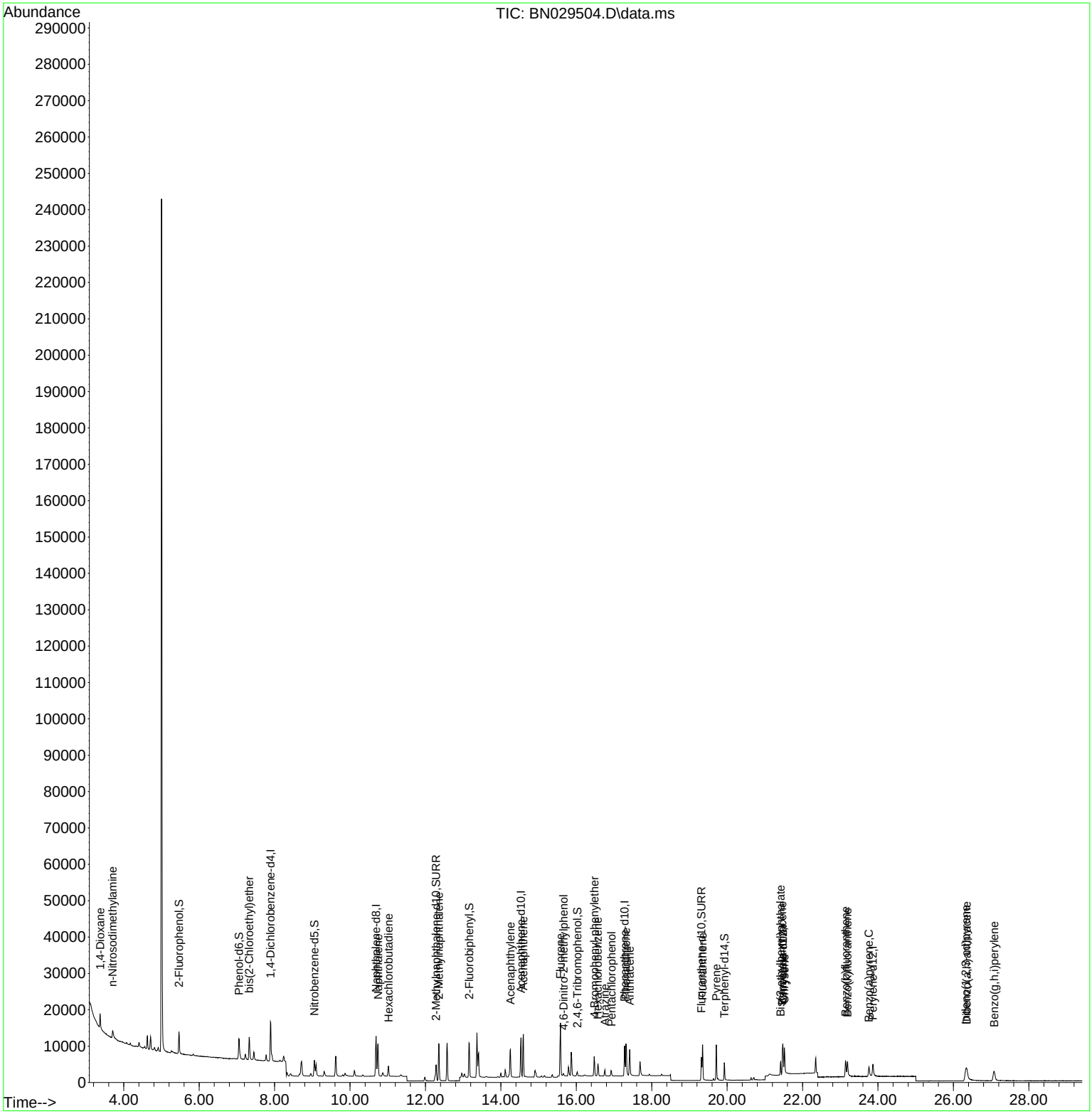
(#) = qualifier out of range (m) = manual integration (+) = signals summed

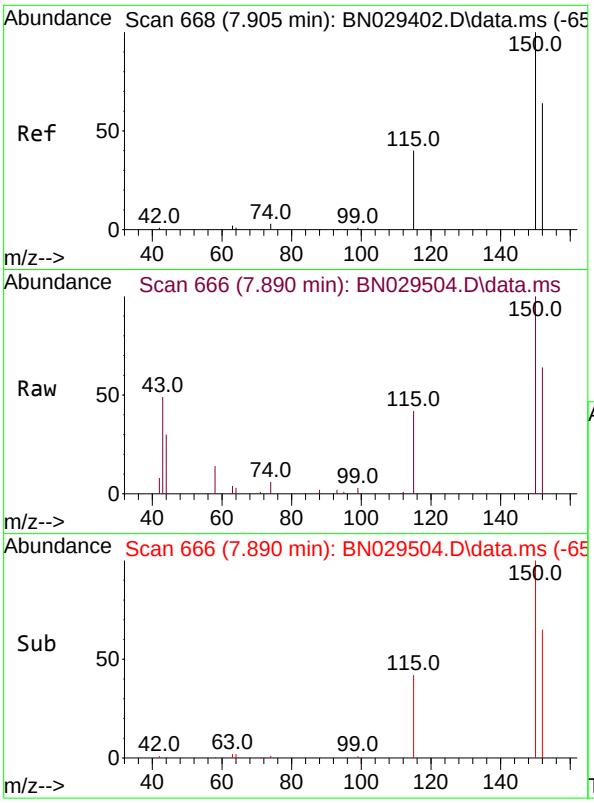
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029504.D
Acq On : 05 Feb 2024 12:45
Operator : MA/JU
Sample : PB158799BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 13:14:51 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



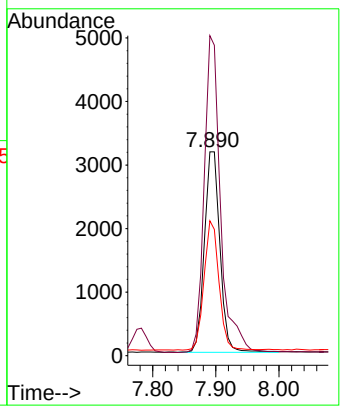


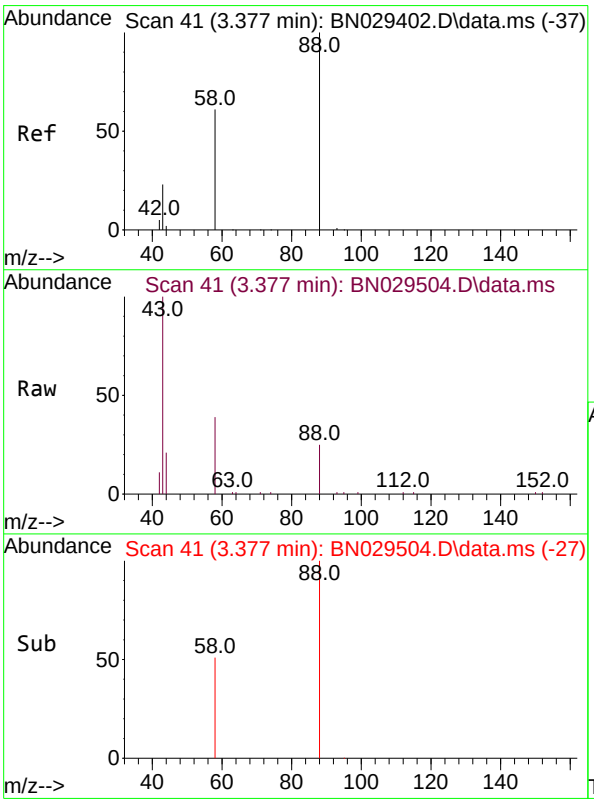
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5379

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.4
115	66.2	51.4	77.0

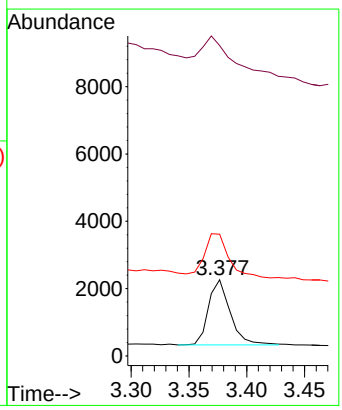


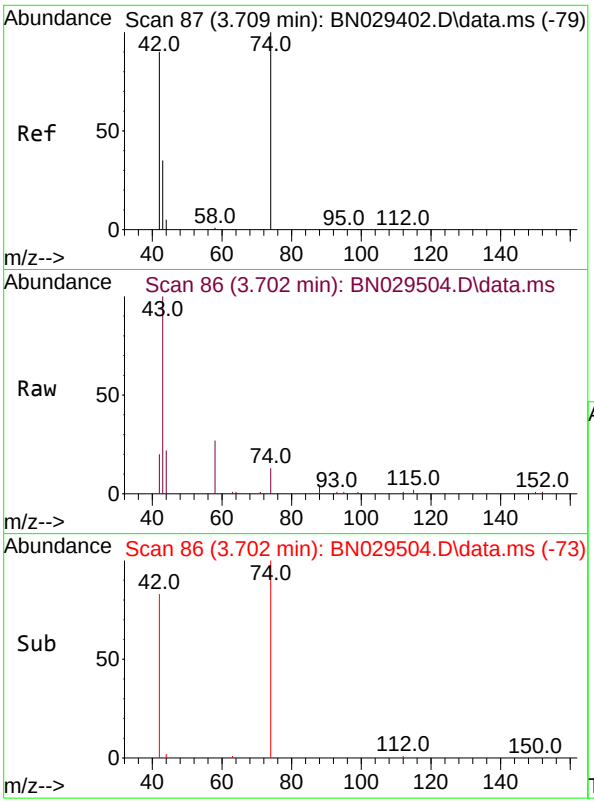


#2
1,4-Dioxane
Concen: 0.333 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 88 Resp: 2525

Ion	Ratio	Lower	Upper
88	100		
43	89.9	23.3	34.9#
58	76.6	53.8	80.6



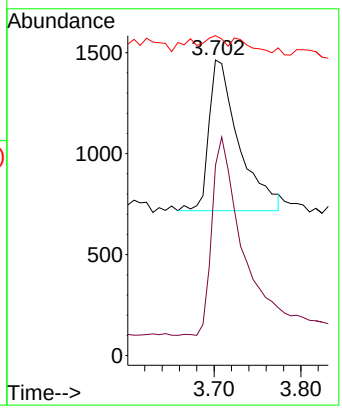


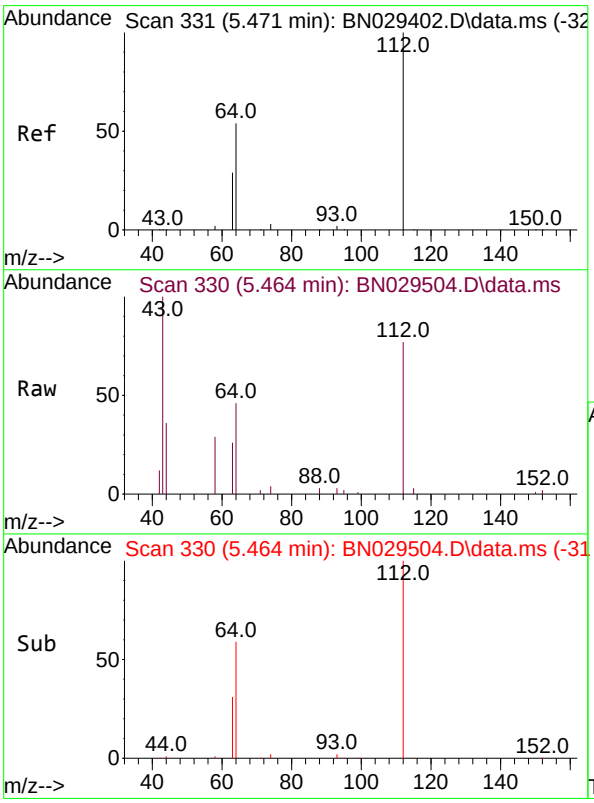
#3
n-Nitrosodimethylamine
Concen: 0.291 ng
RT: 3.702 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1794

Ion	Ratio	Lower	Upper
42	100		
74	132.3	93.7	140.5
44	4.3	13.0	19.4#

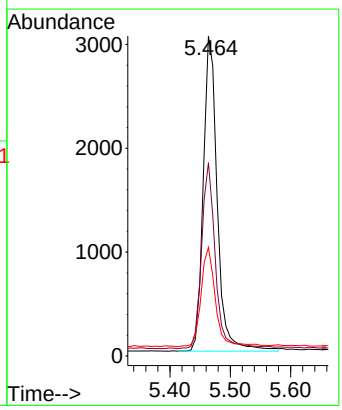


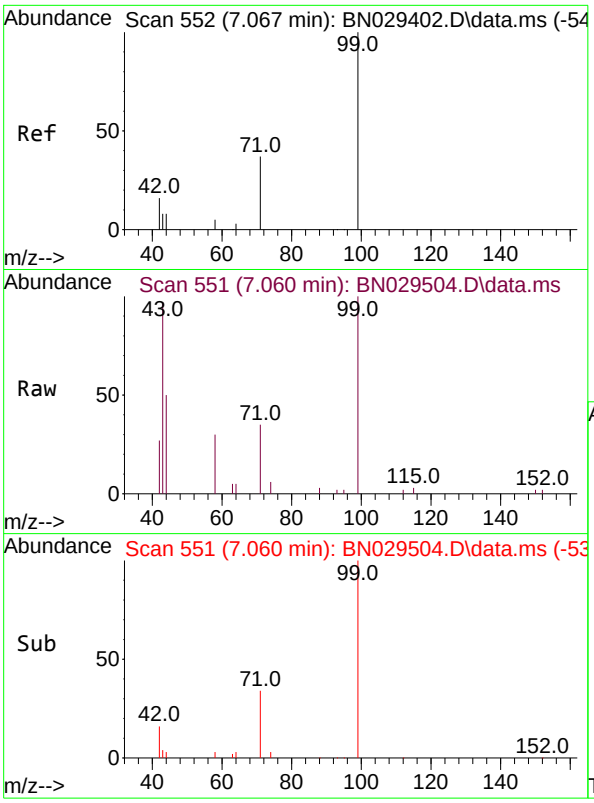


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:112 Resp: 4899

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.2	70.8
63	32.6	25.8	38.6



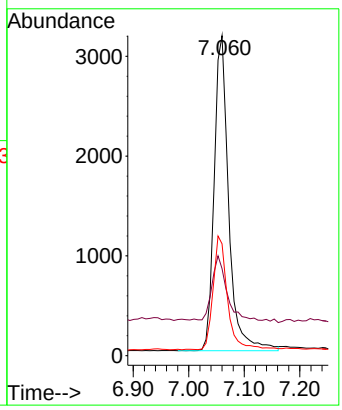


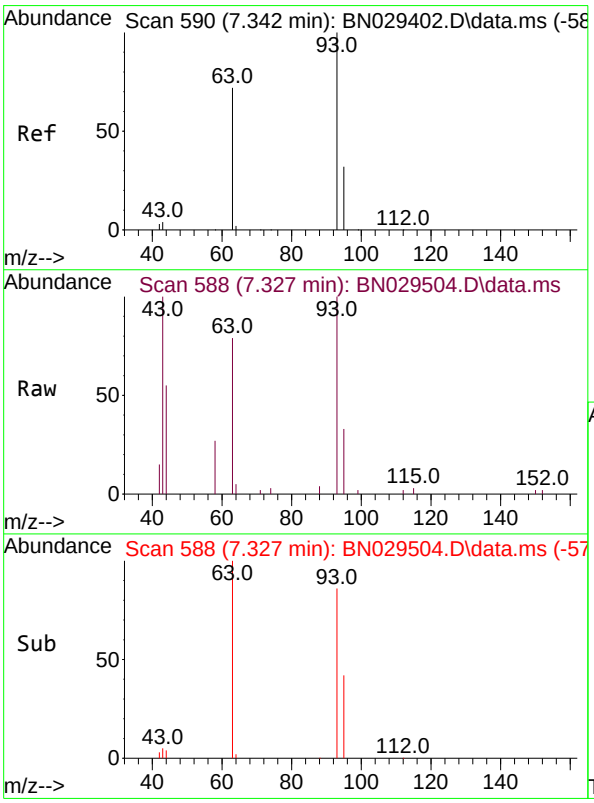
#5
Phenol-d6
Concen: 0.385 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5747

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.9	25.3
71	35.7	30.0	45.0

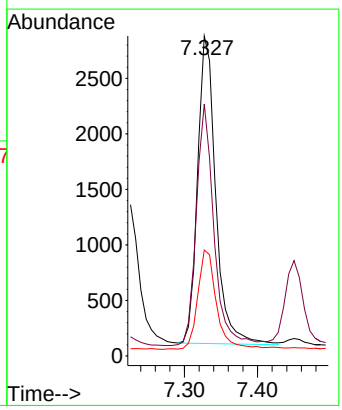


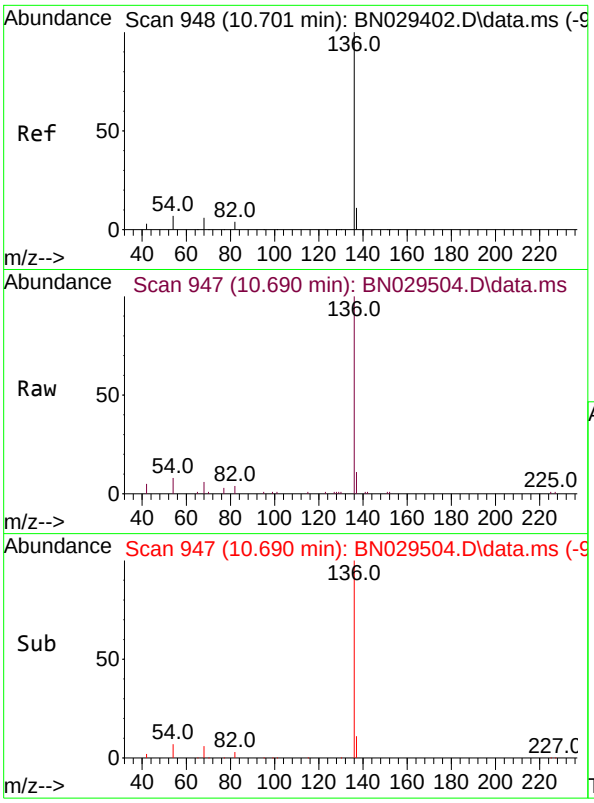


#6
bis(2-Chloroethyl)ether
Concen: 0.335 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 93 Resp: 4771

Ion	Ratio	Lower	Upper
93	100		
63	76.6	63.1	94.7
95	33.7	27.1	40.7



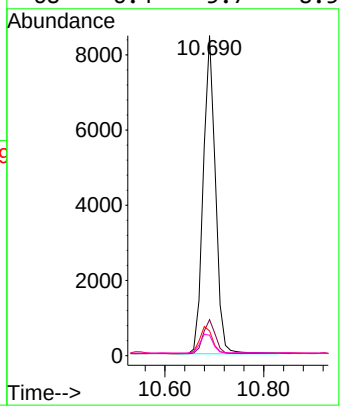


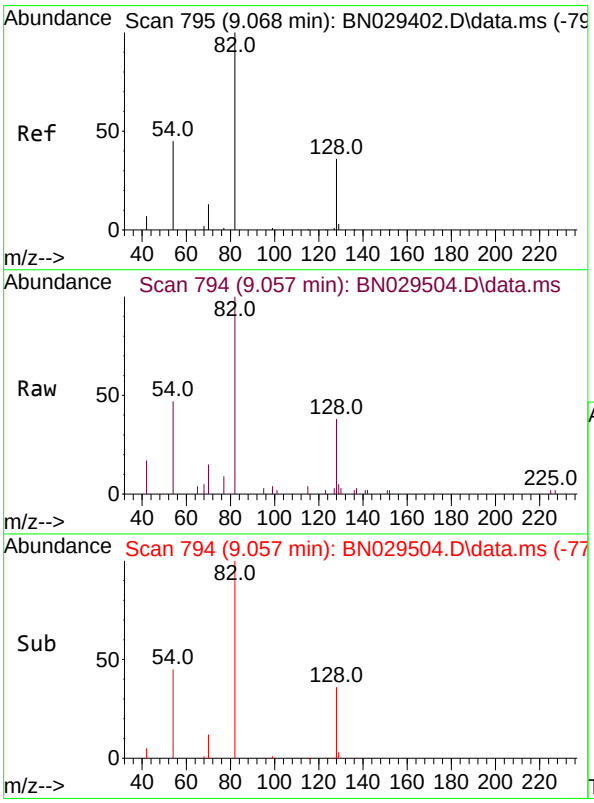
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14412

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.7	14.5
54	7.7	6.6	10.0
68	6.4	5.7	8.5

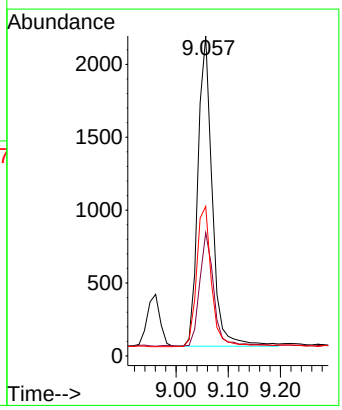


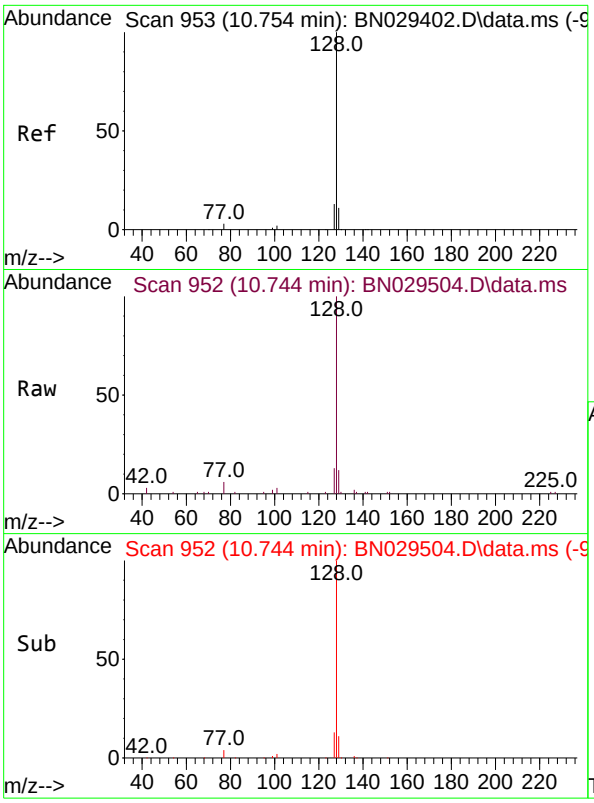


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 82 Resp: 4045

Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.6	47.4
54	46.7	38.2	57.4



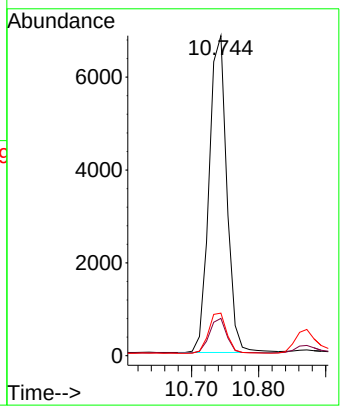


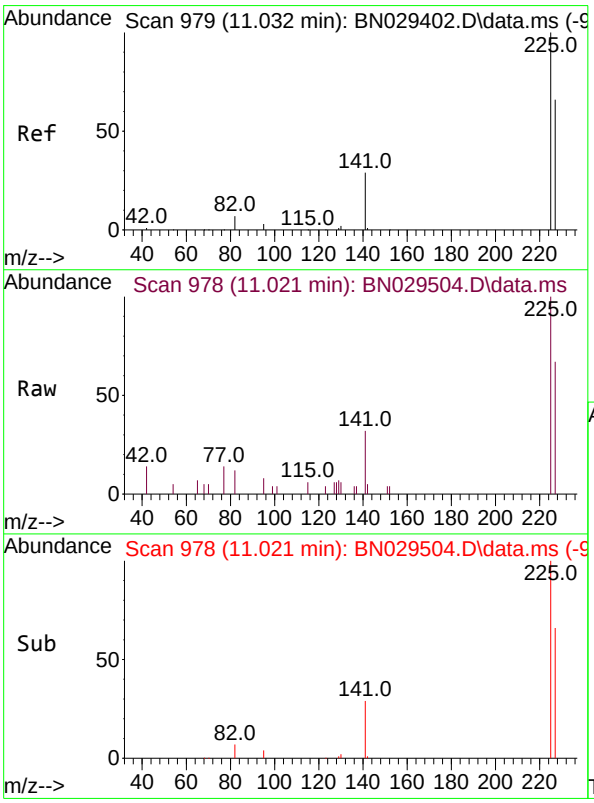
#9
Naphthalene
Concen: 0.307 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 12603

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.3	10.8	16.2

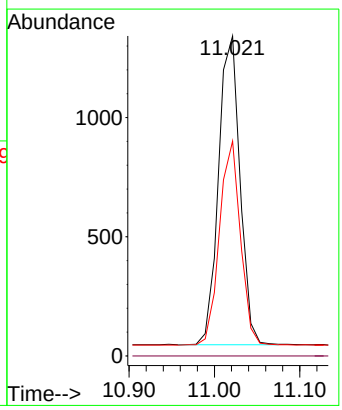


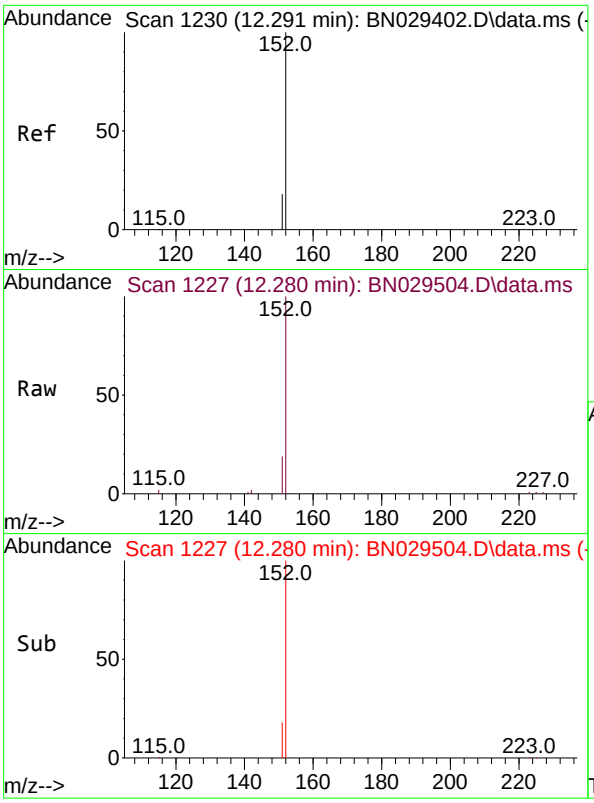


#10
Hexachlorobutadiene
Concen: 0.290 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:225 Resp: 2261

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.1	76.7



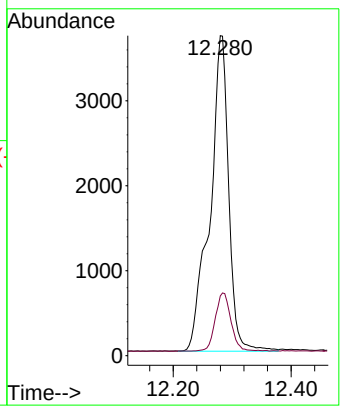


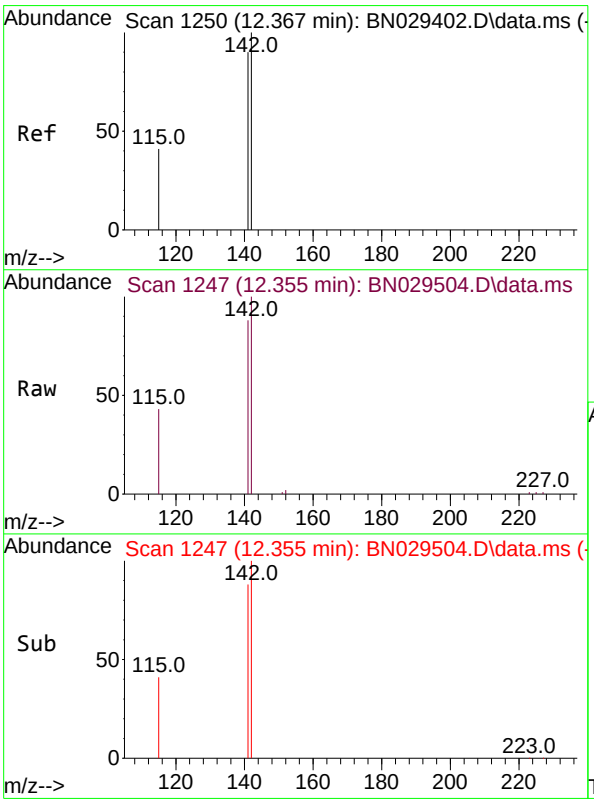
#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 12.280 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8208

Ion	Ratio	Lower	Upper
152	100		
151	15.4	17.1	25.7#

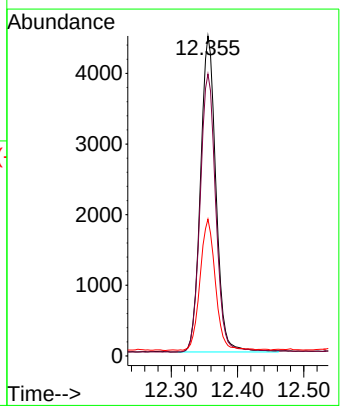


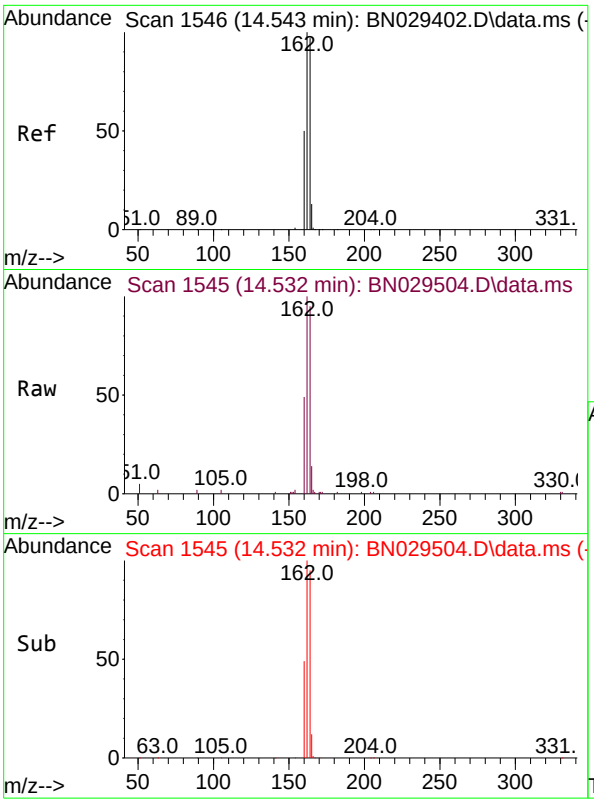


#12
2-Methylnaphthalene
Concen: 0.301 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:142 Resp: 7259

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9
115	42.7	33.9	50.9



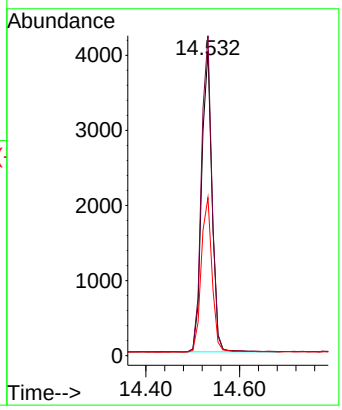


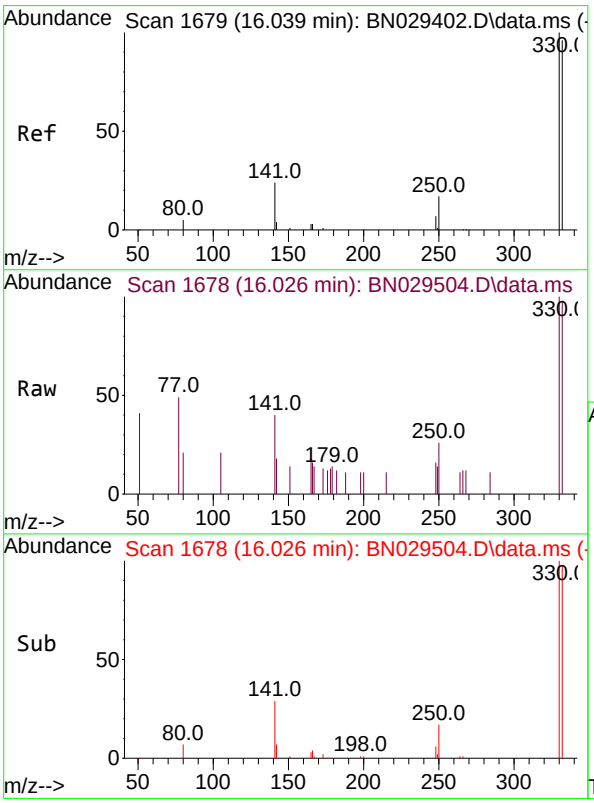
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6125

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	51.9	41.5	62.3

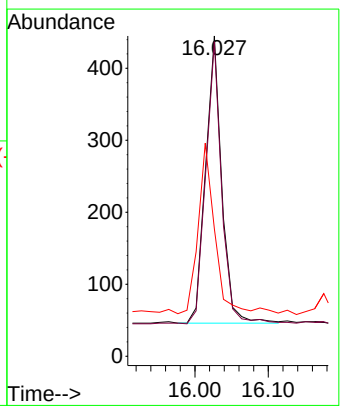


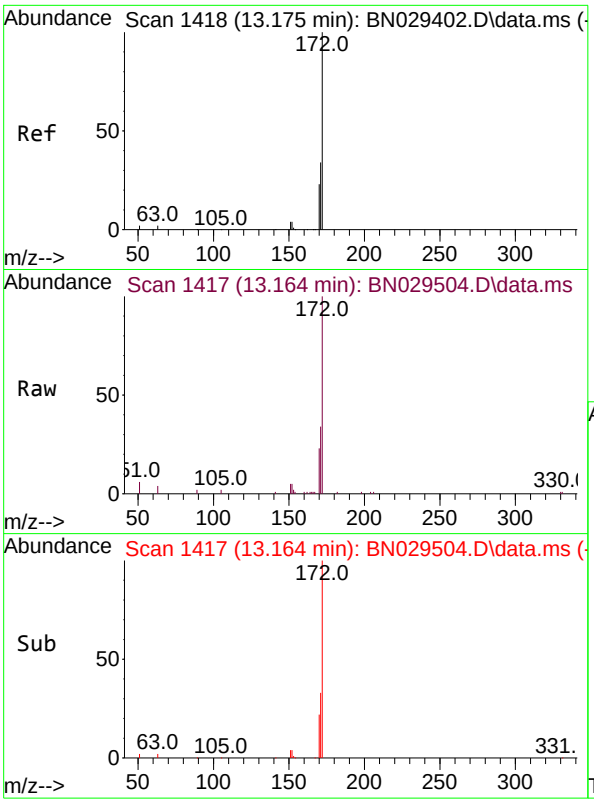


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 16.026 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:330 Resp: 610

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.0	114.0
141	61.5	43.4	65.2



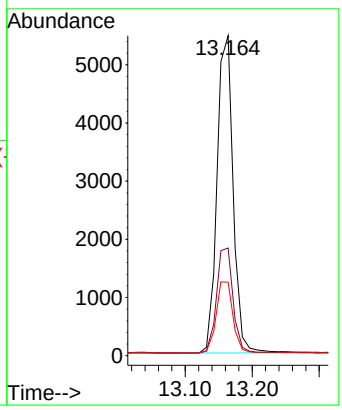


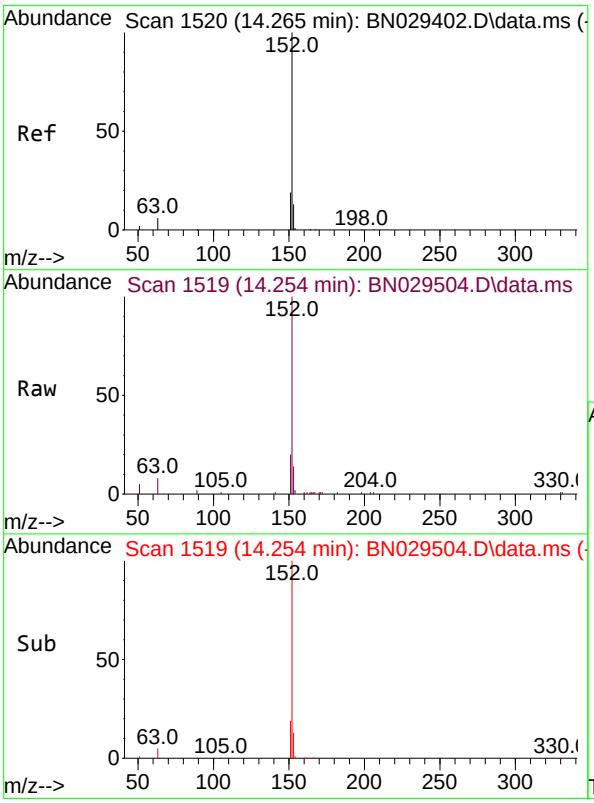
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9121

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.0	42.0
170	22.9	18.7	28.1

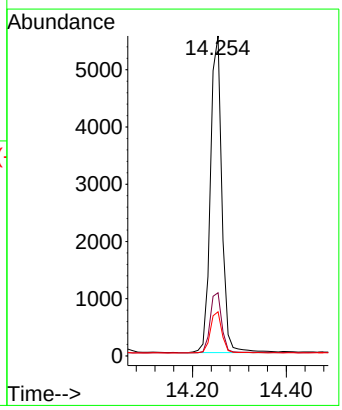


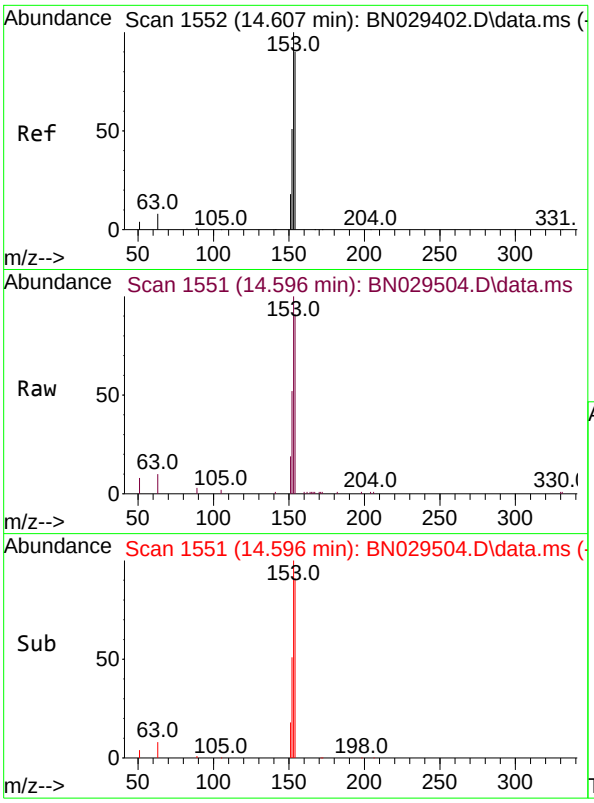


#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:152 Resp: 9400

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.3	10.5	15.7



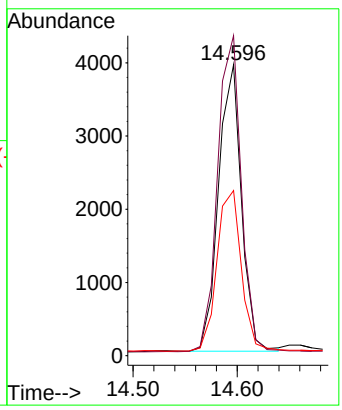


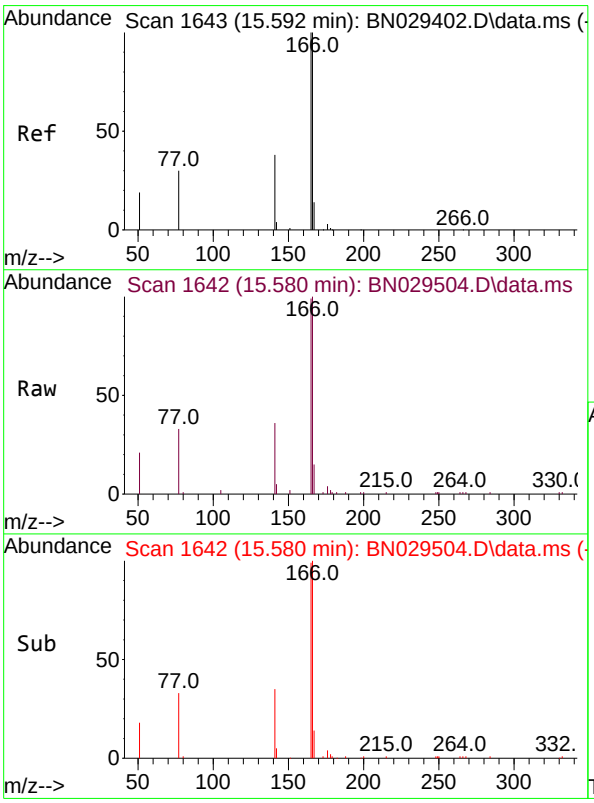
#17
Acenaphthene
Concen: 0.306 ng
RT: 14.596 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5980

Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.6	140.4
152	60.7	48.6	73.0

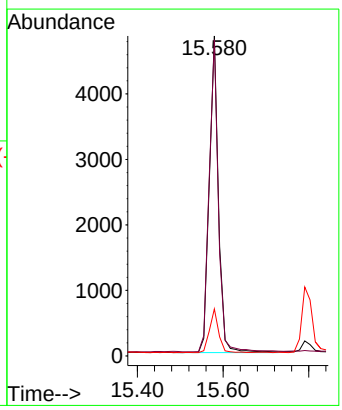


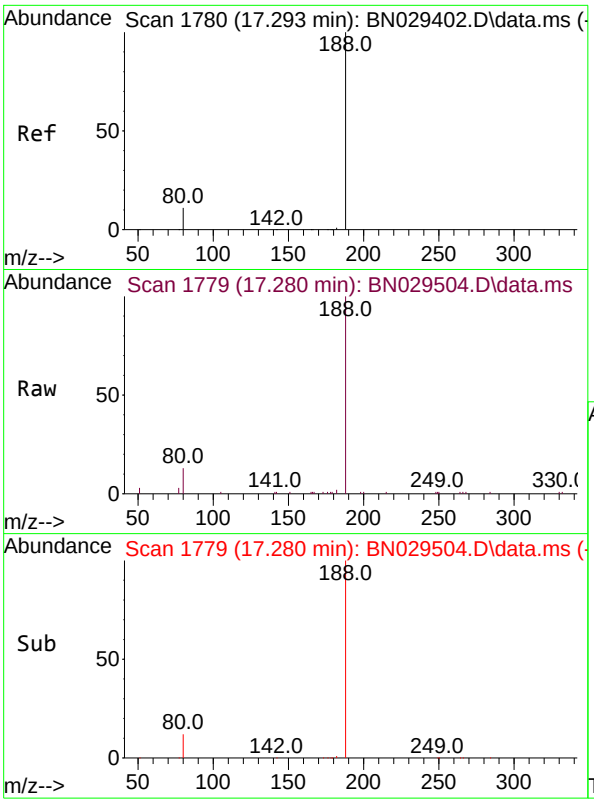


#18
Fluorene
Concen: 0.291 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:166 Resp: 7138

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	13.7	11.3	16.9



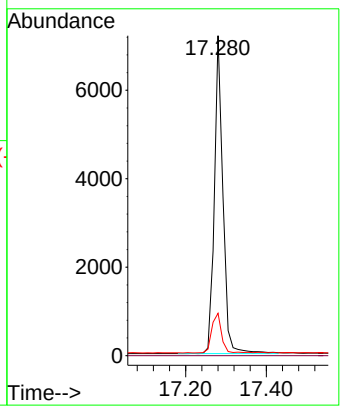


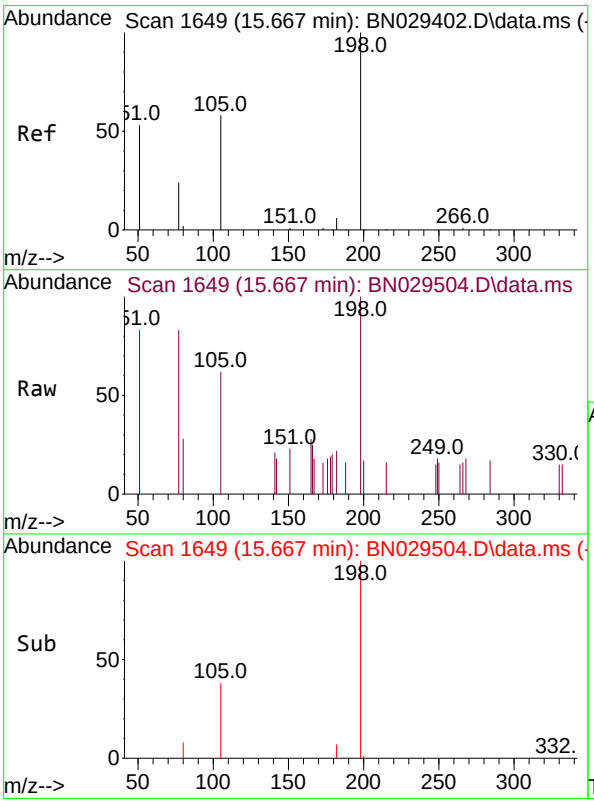
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10628

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	10.0	15.0

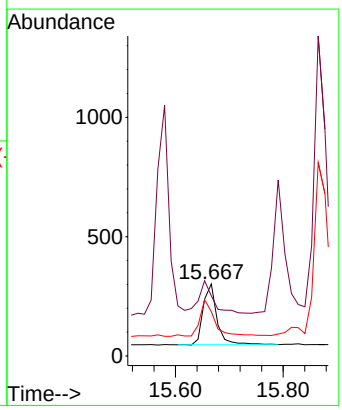


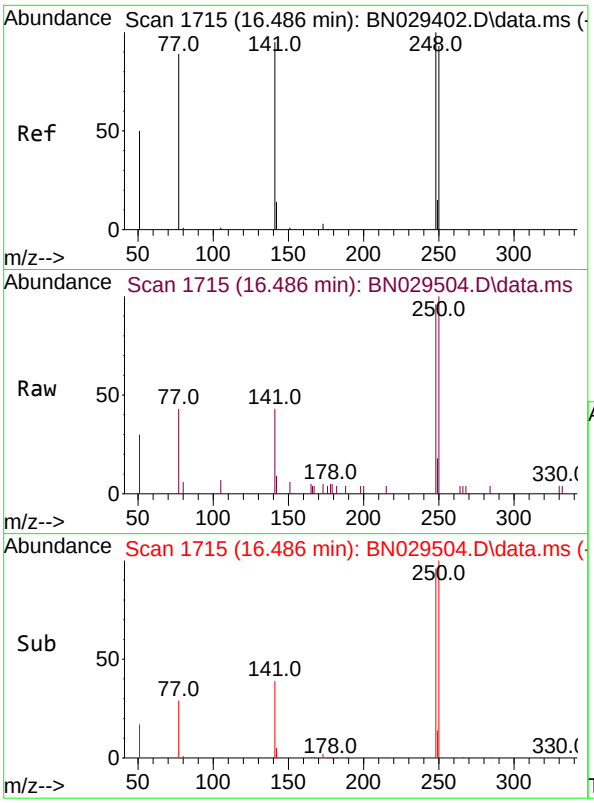


#20
4,6-Dinitro-2-methylphenol
Concen: 0.293 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:198 Resp: 457

Ion	Ratio	Lower	Upper
198	100		
51	83.4	111.0	166.6#
105	61.6	67.0	100.6#



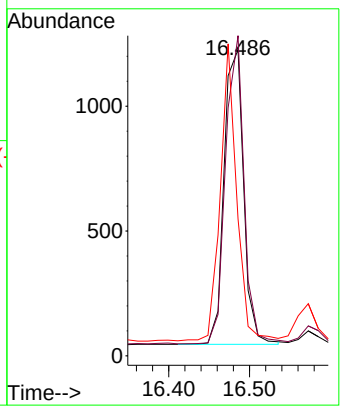


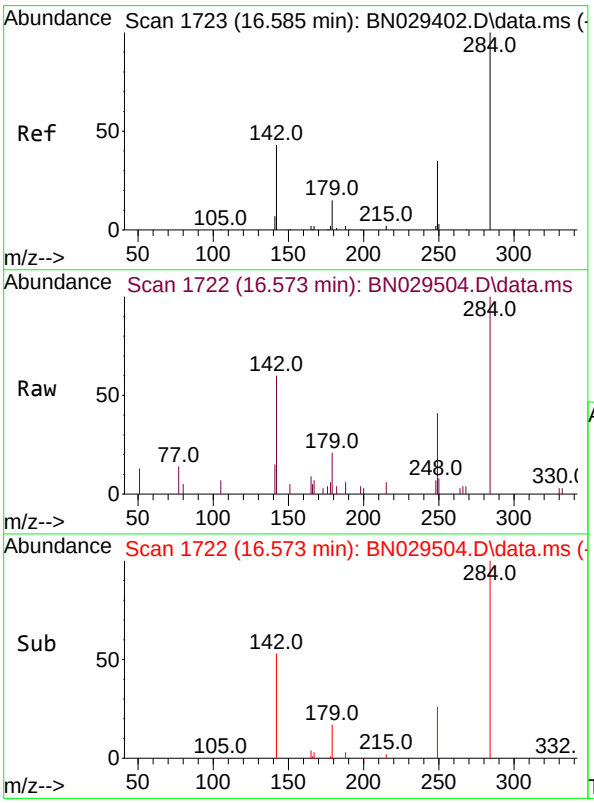
#21
4-Bromophenyl-phenylether
Concen: 0.314 ng
RT: 16.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1989

Ion	Ratio	Lower	Upper
248	100		
250	104.6	75.0	112.4
141	44.7	77.0	115.6#

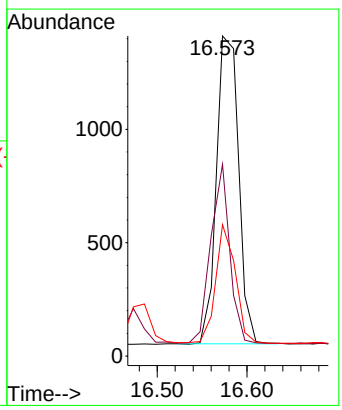


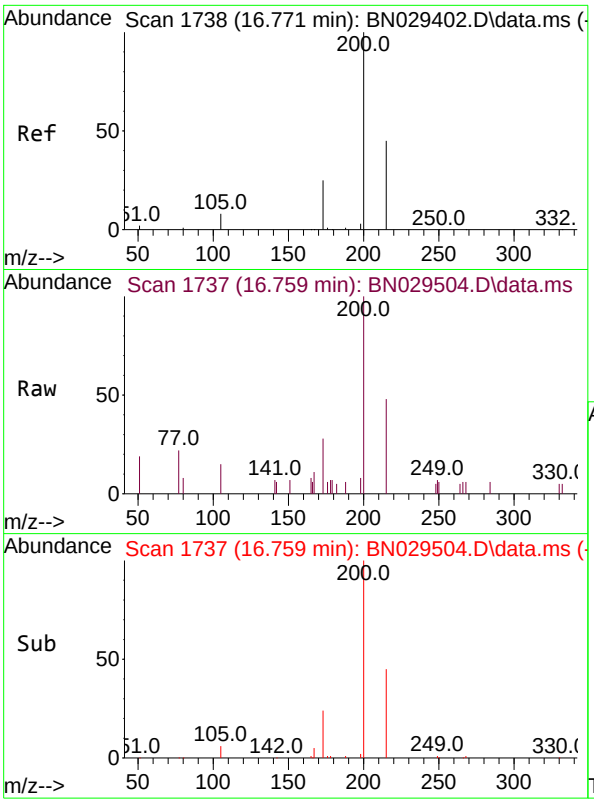


#22
Hexachlorobenzene
Concen: 0.301 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:284 Resp: 2337

Ion	Ratio	Lower	Upper
284	100		
142	49.4	39.4	59.2
249	34.3	26.9	40.3



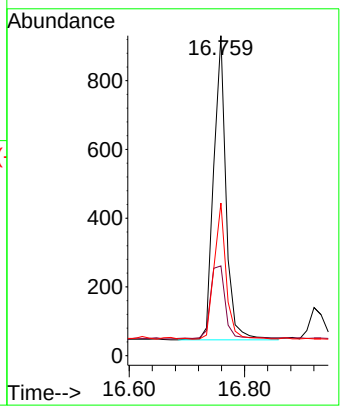


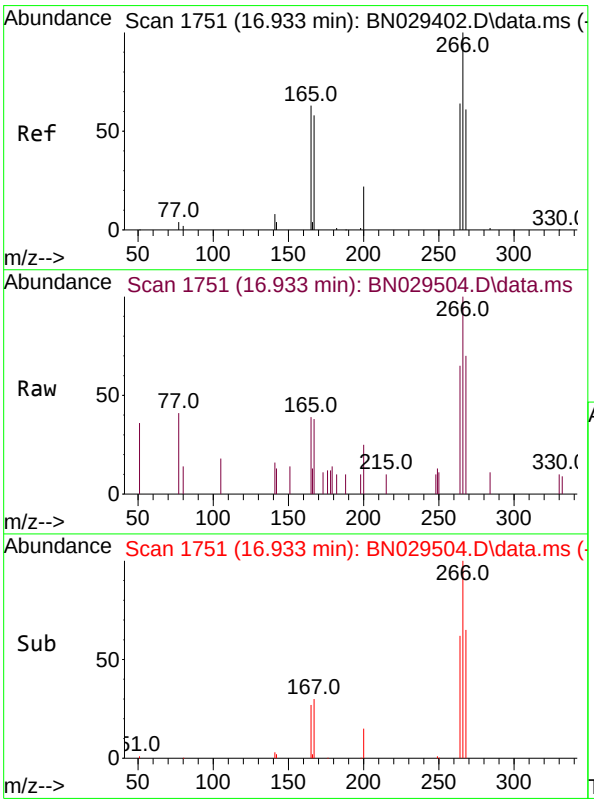
#23
Atrazine
Concen: 0.293 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1318

Ion	Ratio	Lower	Upper
200	100		
173	28.0	23.4	35.0
215	47.7	38.4	57.6

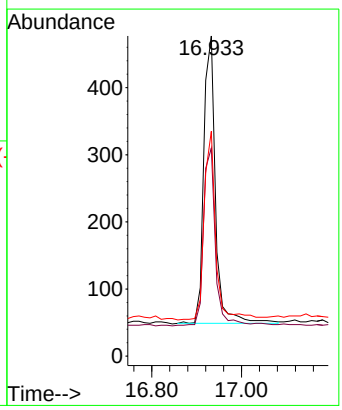


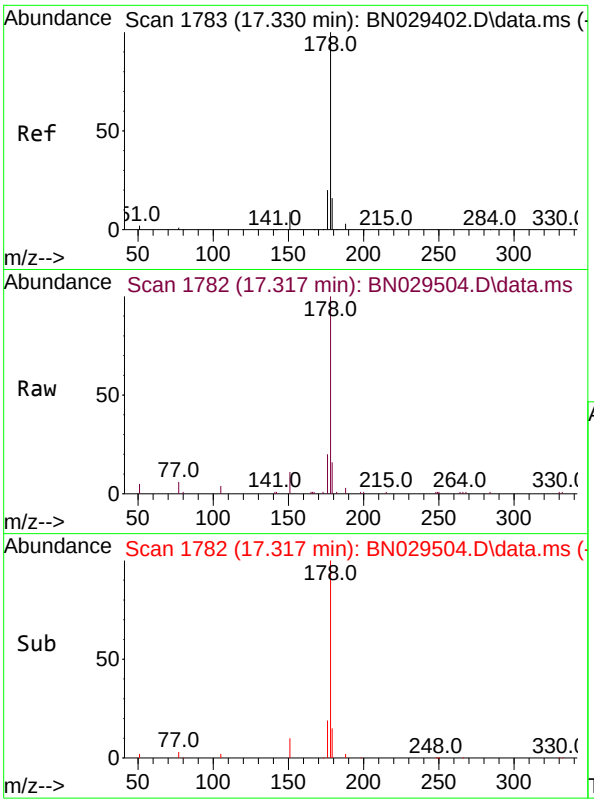


#24
Pentachlorophenol
Concen: 0.315 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:266 Resp: 775

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.8	76.2
268	64.8	51.5	77.3



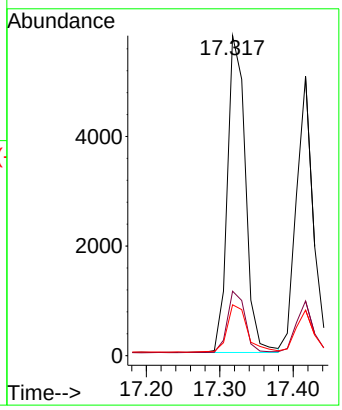


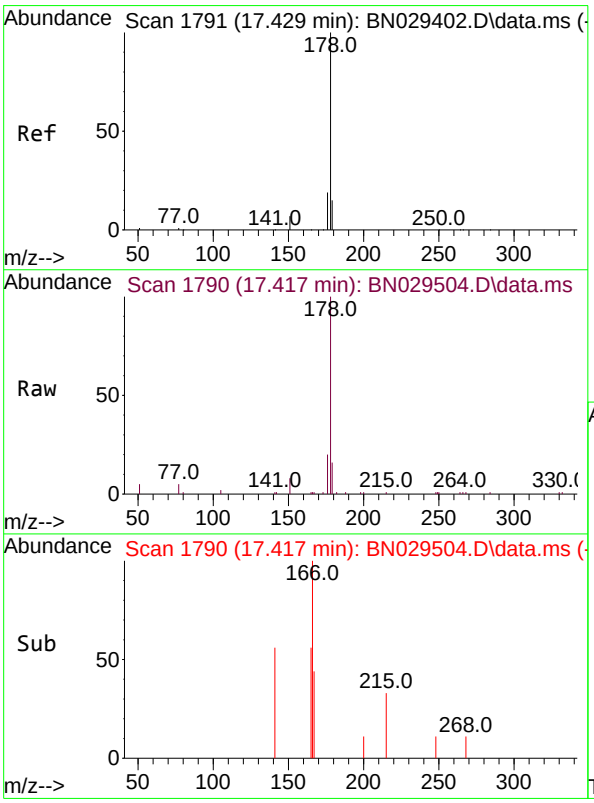
#25
Phenanthrene
Concen: 0.313 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9848

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	16.6	12.6	19.0

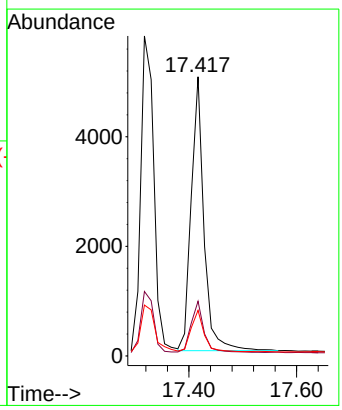


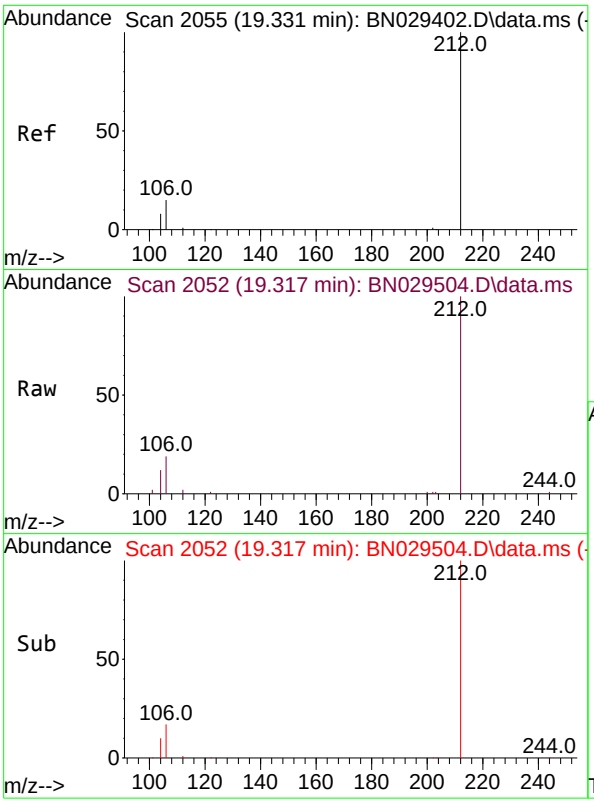


#26
Anthracene
Concen: 0.307 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:178 Resp: 8231

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



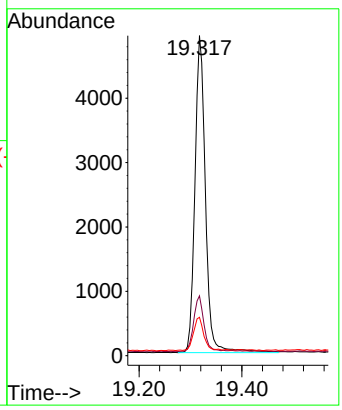


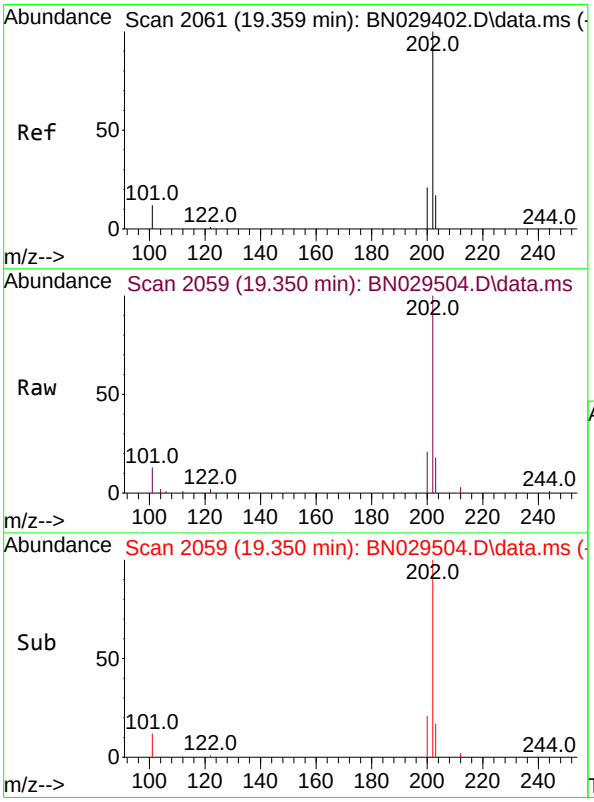
#27
Fluoranthene-d10
Concen: 0.274 ng
RT: 19.317 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7055

Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.2	19.8
104	10.1	7.7	11.5

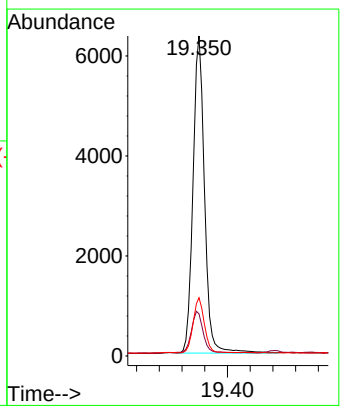


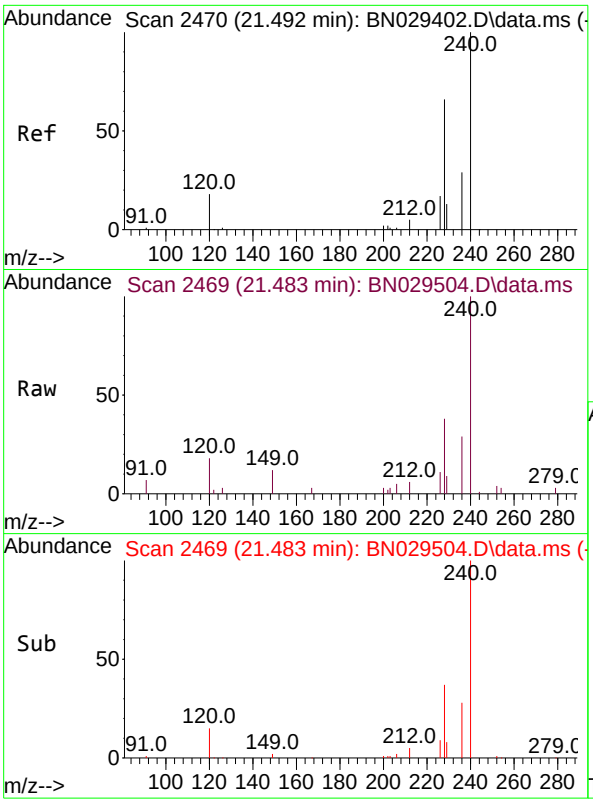


#28
Fluoranthene
Concen: 0.252 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:202 Resp: 8922

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.5	15.7
203	17.0	13.5	20.3



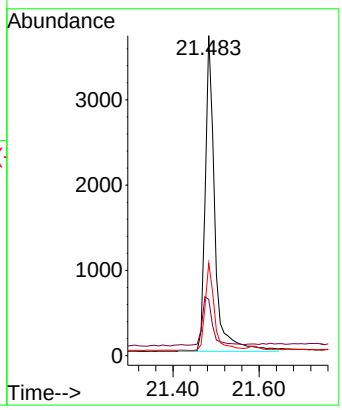


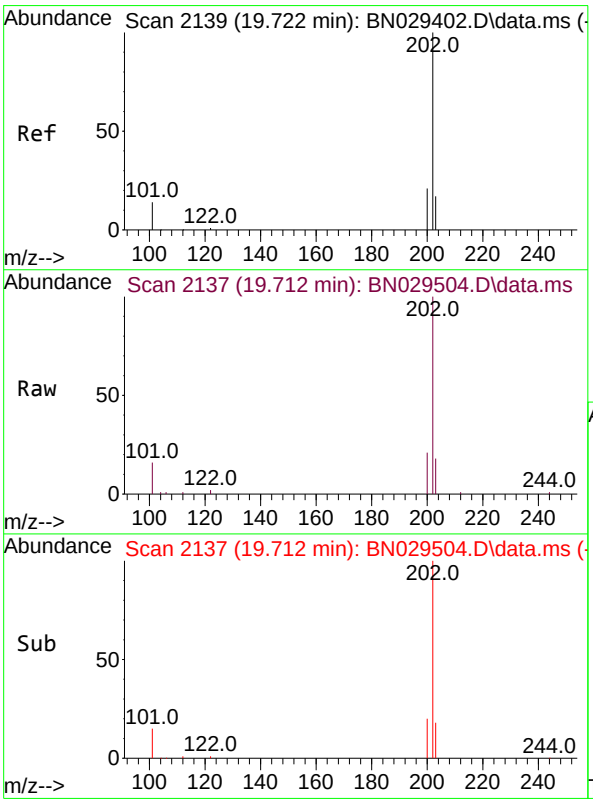
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5736

Ion	Ratio	Lower	Upper
240	100		
120	17.6	16.7	25.1
236	29.0	23.9	35.9

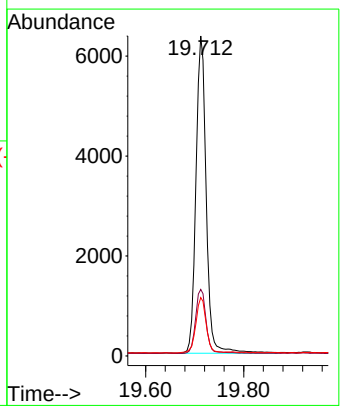


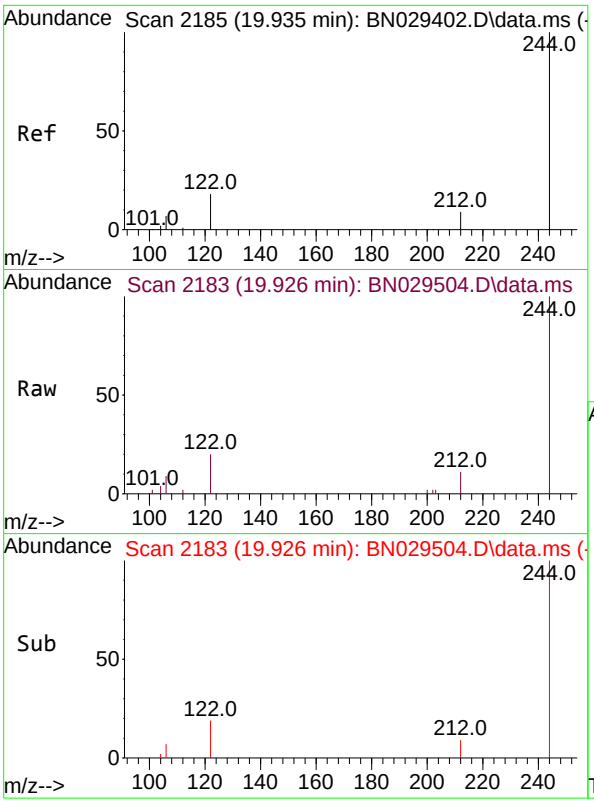


#30
Pyrene
Concen: 0.349 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:202 Resp: 9222

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.5	14.2	21.4



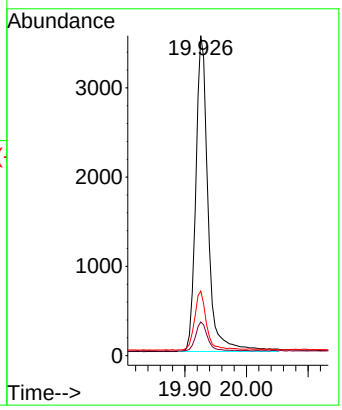


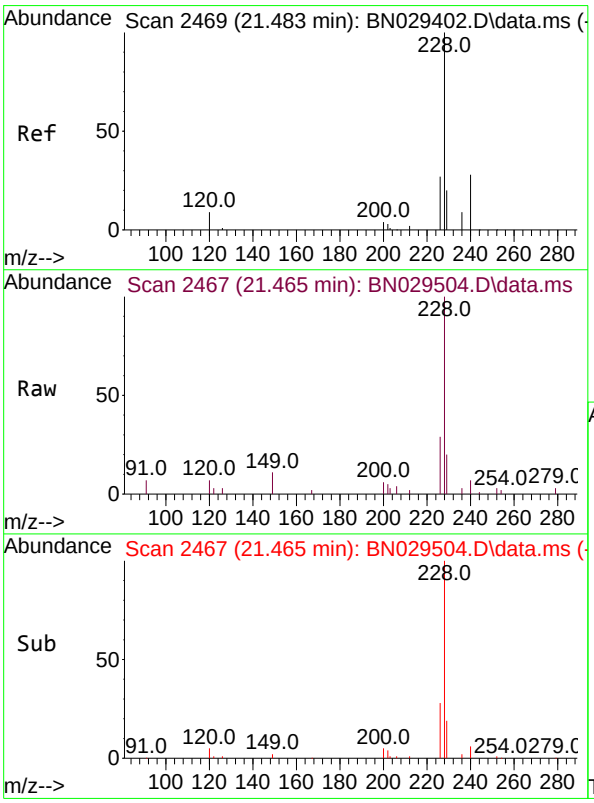
#31
Terphenyl-d14
Concen: 0.346 ng
RT: 19.926 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4932

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.2	12.4
122	20.2	15.6	23.4

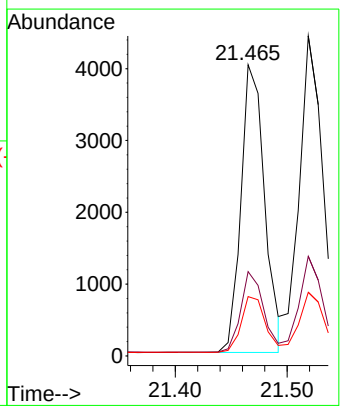


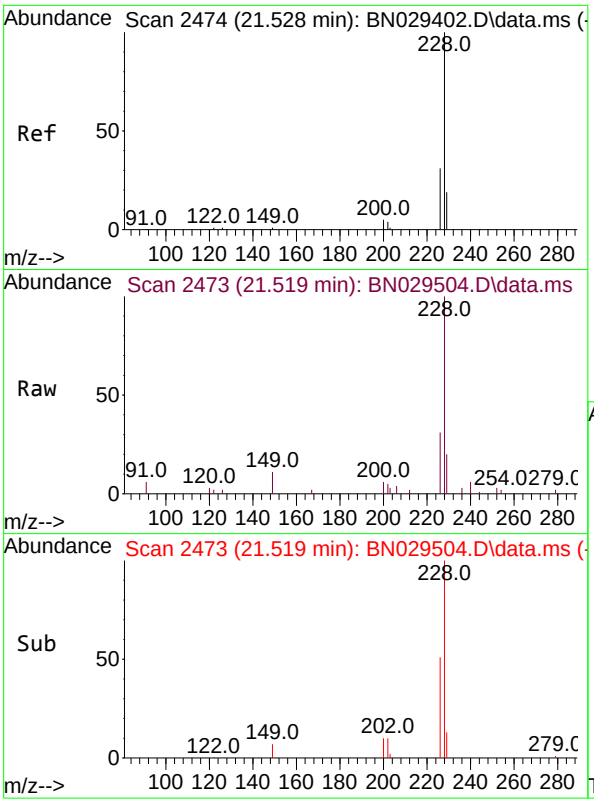


#32
Benzo(a)anthracene
Concen: 0.302 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:228 Resp: 5911

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.4
229	20.4	16.5	24.7



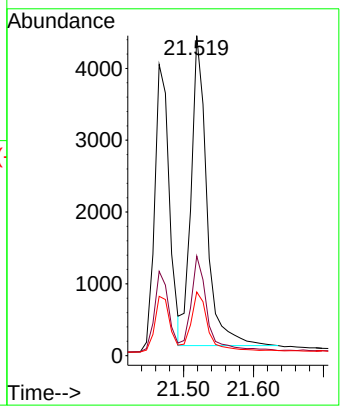


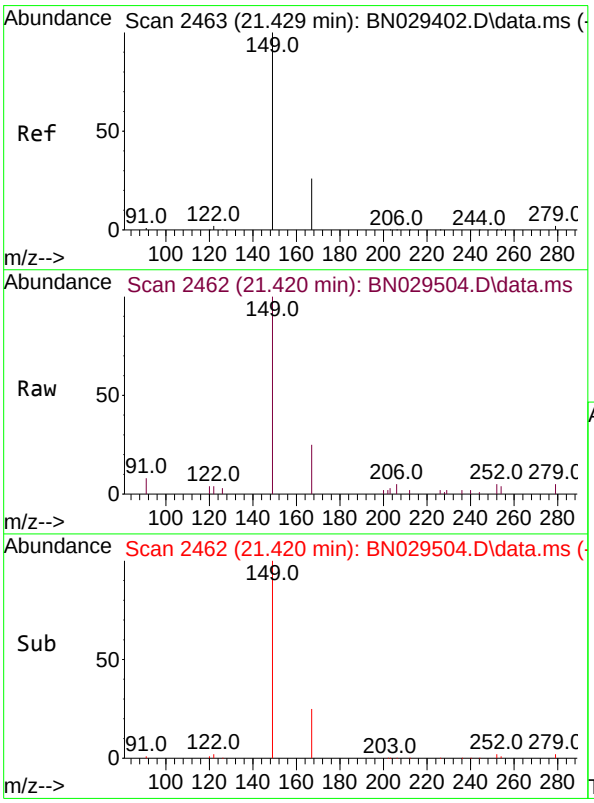
#33
Chrysene
Concen: 0.303 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6740

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.9	15.9	23.9

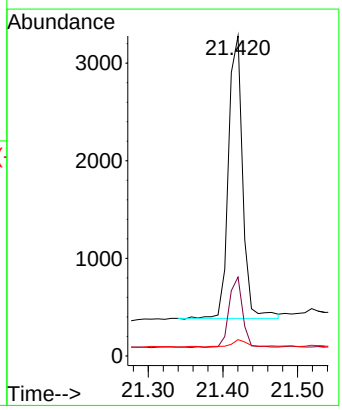


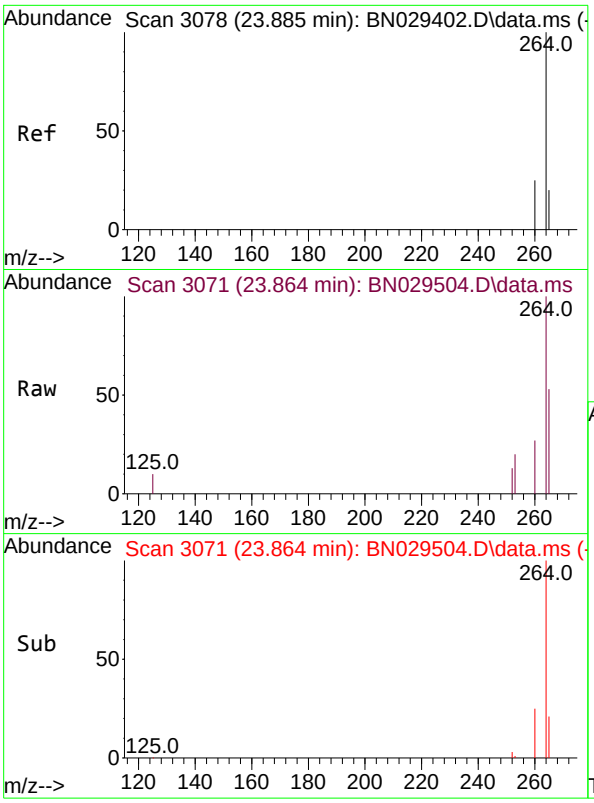


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:149 Resp: 3822

Ion	Ratio	Lower	Upper
149	100		
167	23.8	20.1	30.1
279	2.8	2.5	3.7



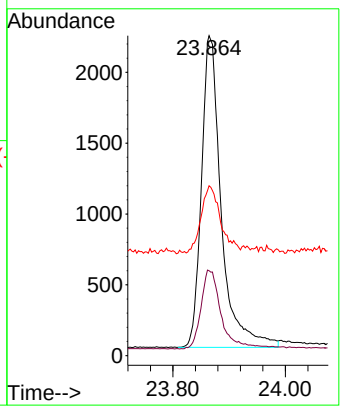


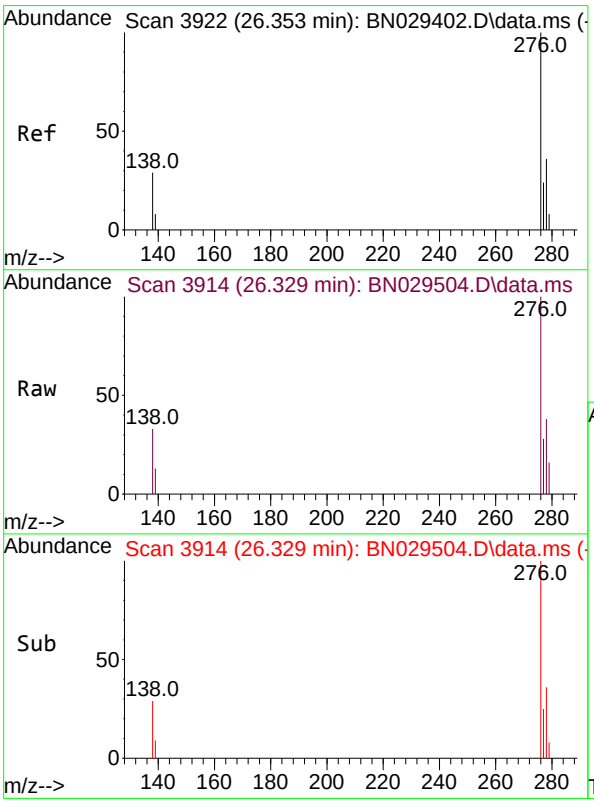
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.864 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5376

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	53.1	41.5	62.3

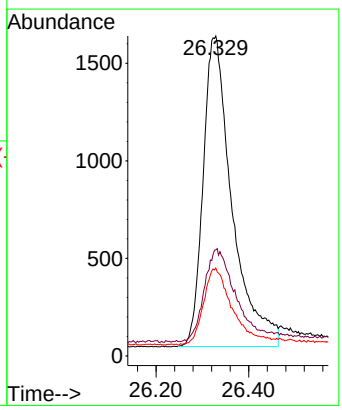


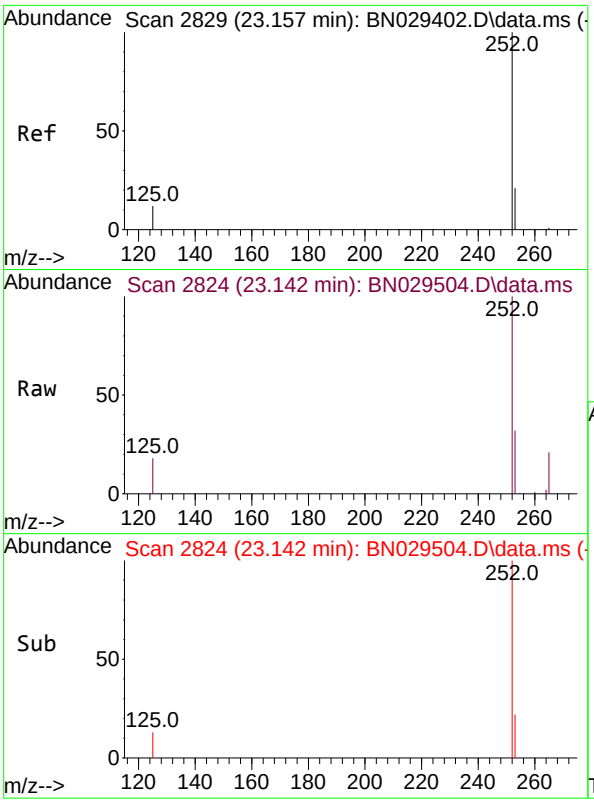


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng
RT: 26.329 min Scan# 3914
Delta R.T. -0.006 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:276 Resp: 6895

Ion	Ratio	Lower	Upper
276	100		
138	32.3	20.5	30.7#
277	25.2	17.0	25.4



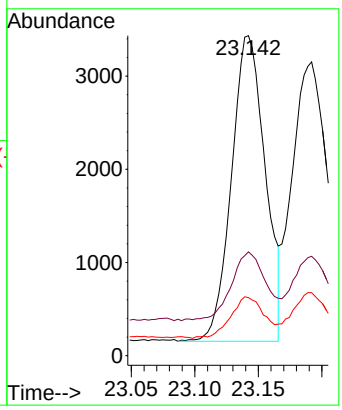


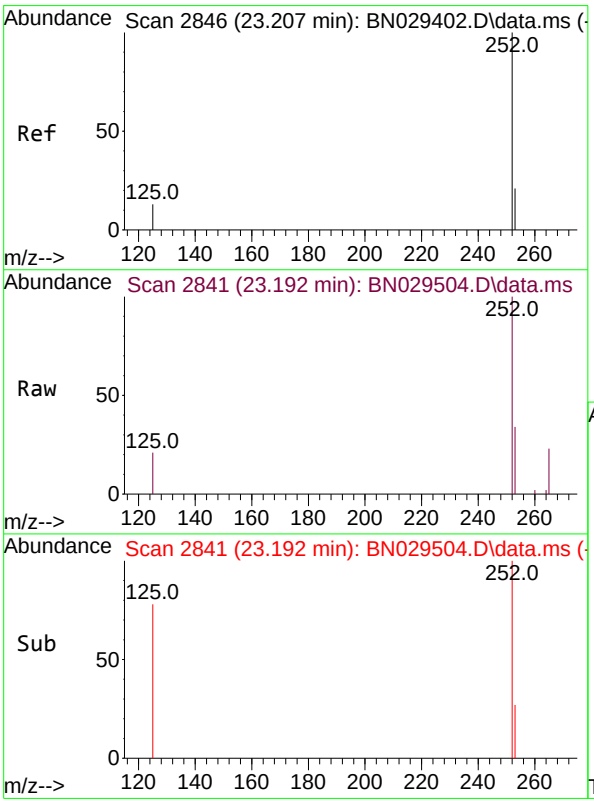
#37
Benzo(b)fluoranthene
Concen: 0.315 ng
RT: 23.142 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6059

Ion	Ratio	Lower	Upper
252	100		
253	32.5	21.7	32.5
125	18.2	13.3	19.9

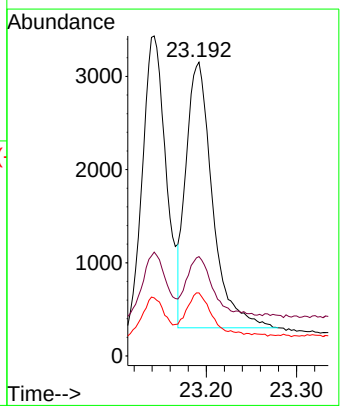


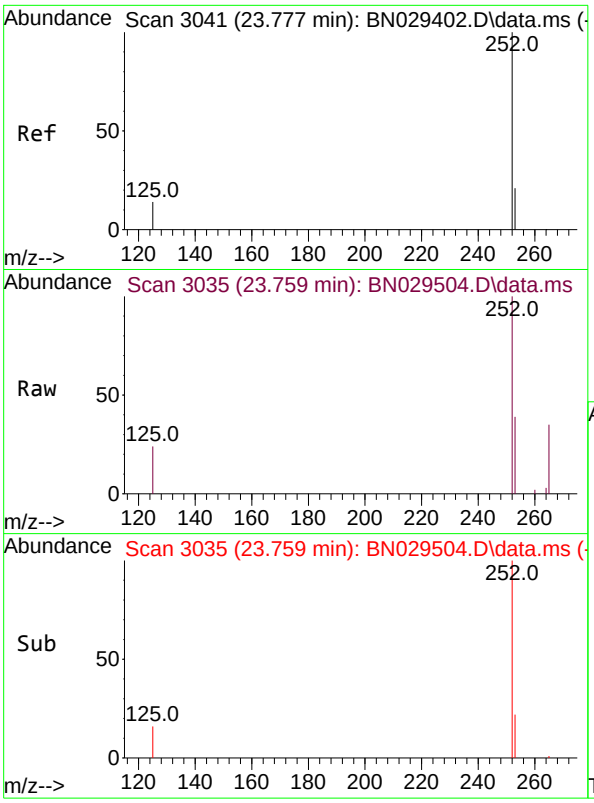


#38
Benzo(k)fluoranthene
Concen: 0.289 ng
RT: 23.192 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:252 Resp: 5825

Ion	Ratio	Lower	Upper
252	100		
253	33.8	21.8	32.8#
125	21.4	13.9	20.9#



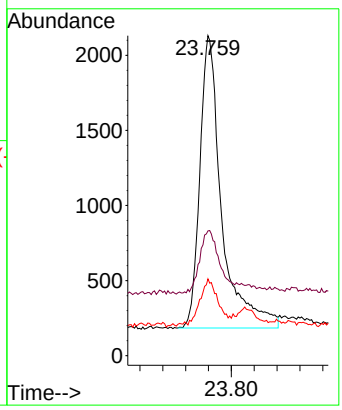


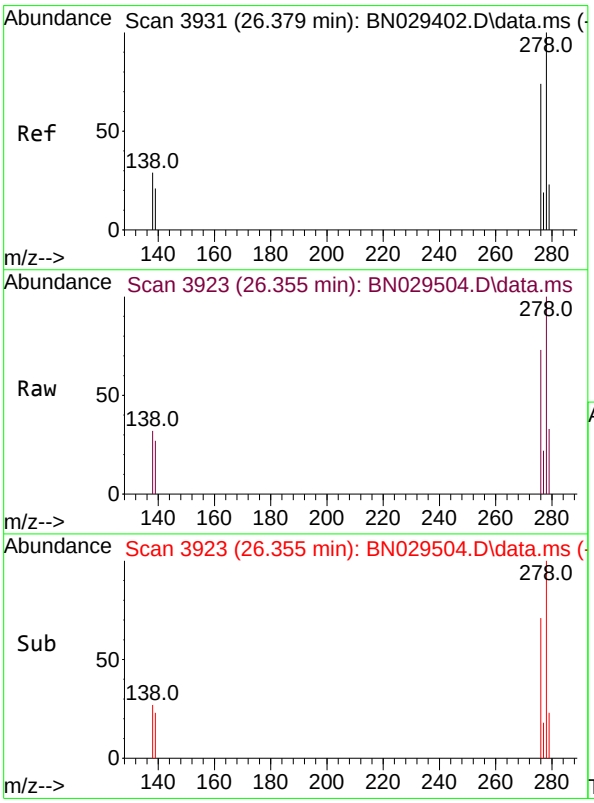
#39
Benzo(a)pyrene
Concen: 0.308 ng
RT: 23.759 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5166

Ion	Ratio	Lower	Upper
252	100		
253	39.0	24.9	37.3#
125	24.0	16.6	25.0

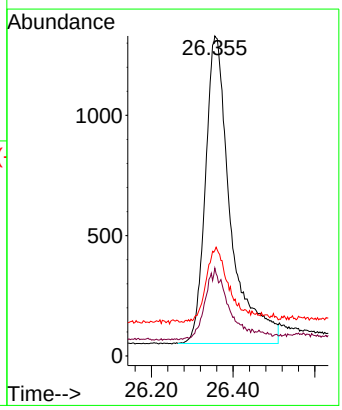


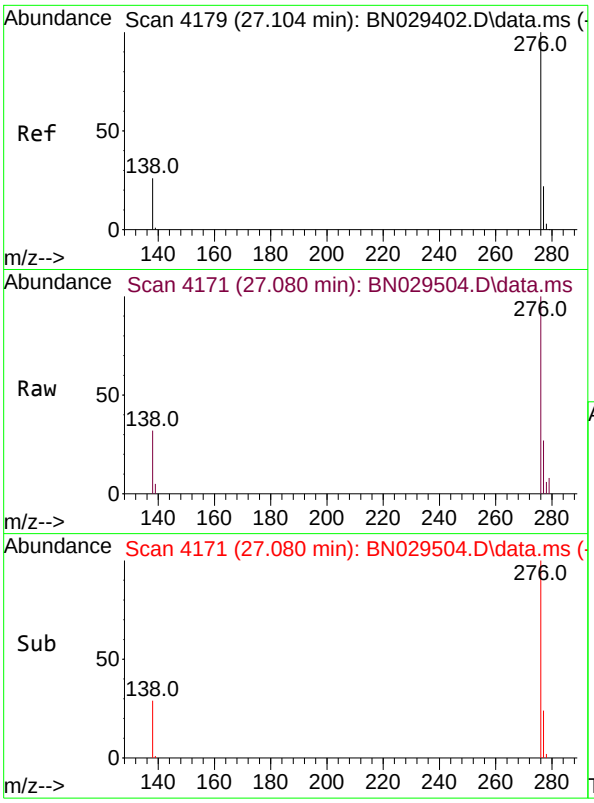


#40
Dibenzo(a,h)anthracene
Concen: 0.317 ng
RT: 26.355 min Scan# 3923
Delta R.T. -0.009 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Tgt Ion:278 Resp: 5448

Ion	Ratio	Lower	Upper
278	100		
139	27.4	20.4	30.6
279	33.0	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.303 ng
RT: 27.080 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN029504.D
Acq: 05 Feb 2024 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6352

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.2
138	32.1	23.5	35.3