Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029509.D
Acq On : 05 Feb 2024 15:46
Operator : MA/JU
Sample : PB158803BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 17:11:40 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	7.898	152	5265	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	14062	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5859	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10169	0.400	ng		0.00
29) Chrysene-d12	21.483	240	5647	0.400	ng		0.00
35) Perylene-d12	23.867	264	5238	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	5084	0.402	ng		0.00
5) Phenol-d6	7.060	99	5991	0.411	ng		0.00
8) Nitrobenzene-d5	9.057	82	4123	0.352	ng		0.00
11) 2-Methylnaphthalene-d10	12.280	152	8517	0.445	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	588	0.313	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	9220	0.367	ng		0.00
27) Fluoranthene-d10	19.317	212	6939	0.282	ng		0.00
31) Terphenyl-d14	19.926	244	5001	0.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	2511	0.339	ng	#	49
3) n-Nitrosodimethylamine	3.702	42	1888	0.313	ng	#	84
6) bis(2-Chloroethyl)ether	7.327	93	4885	0.351	ng		99
9) Naphthalene	10.744	128	12971	0.324	ng		99
10) Hexachlorobutadiene	11.021	225	2346	0.309	ng	#	100
12) 2-Methylnaphthalene	12.355	142	7383	0.314	ng		100
16) Acenaphthylene	14.254	152	9520	0.342	ng		99
17) Acenaphthene	14.597	154	6048	0.324	ng		99
18) Fluorene	15.580	166	7224	0.308	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	445	0.298	ng	#	66
21) 4-Bromophenyl-phenylether	16.486	248	1971	0.326	ng	#	70
22) Hexachlorobenzene	16.573	284	2408	0.324	ng		99
23) Atrazine	16.759	200	1283	0.298	ng		98
24) Pentachlorophenol	16.933	266	688	0.292	ng		97
25) Phenanthrene	17.317	178	9780	0.325	ng		99
26) Anthracene	17.417	178	8212	0.320	ng		99
28) Fluoranthene	19.350	202	8868	0.262	ng		100
30) Pyrene	19.712	202	9101	0.350	ng		99
32) Benzo(a)anthracene	21.465	228	6034	0.313	ng		98
33) Chrysene	21.519	228	6967	0.318	ng		100
34) Bis(2-ethylhexyl)phtha...	21.420	149	3899	0.297	ng		98
36) Indeno(1,2,3-cd)pyrene	26.326	276	7166	0.340	ng	#	85
37) Benzo(b)fluoranthene	23.142	252	6134	0.328	ng		93
38) Benzo(k)fluoranthene	23.192	252	6140	0.313	ng	#	90
39) Benzo(a)pyrene	23.759	252	5491	0.336	ng	#	89
40) Dibenzo(a,h)anthracene	26.355	278	5821	0.347	ng		97
41) Benzo(g,h,i)perylene	27.078	276	6723	0.329	ng		97

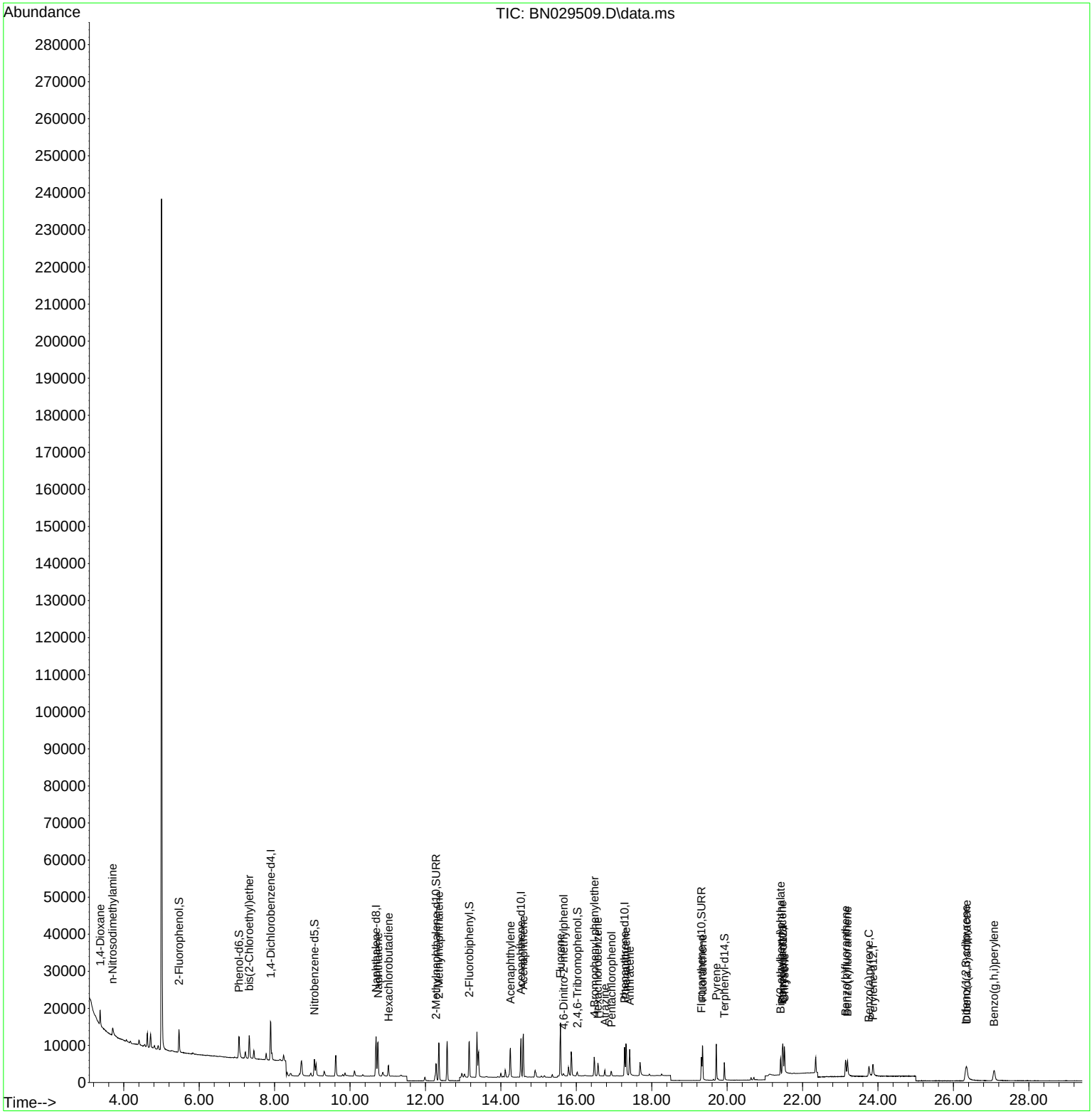
(#) = qualifier out of range (m) = manual integration (+) = signals summed

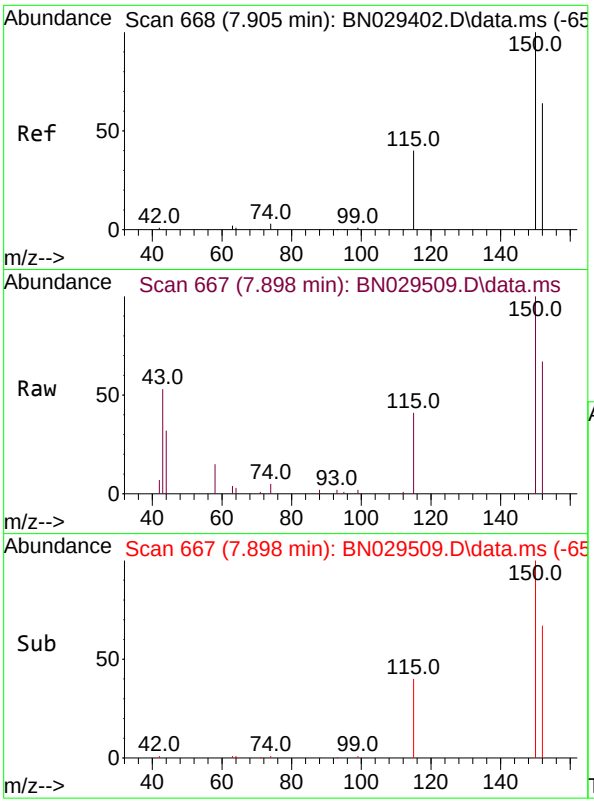
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029509.D
Acq On : 05 Feb 2024 15:46
Operator : MA/JU
Sample : PB158803BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 17:11:40 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



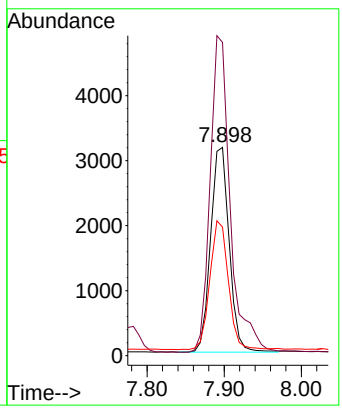


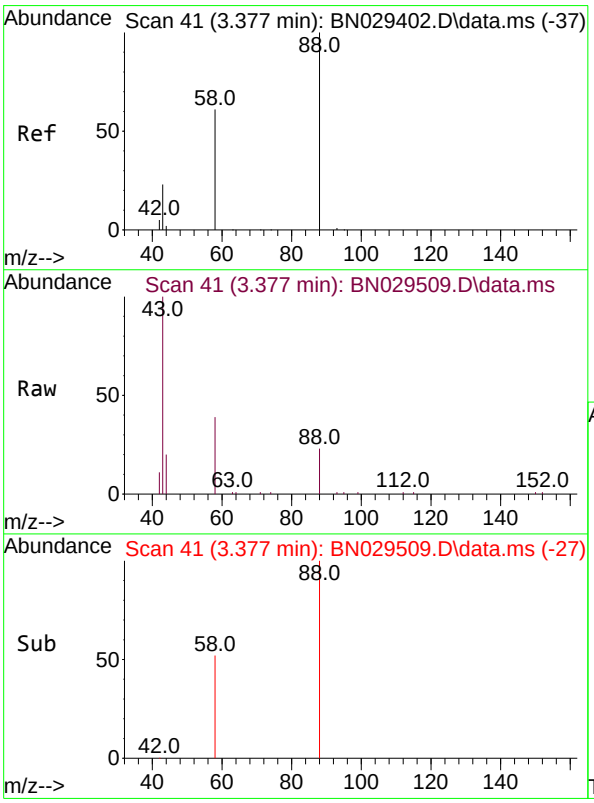
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5265

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.0	184.4
115	61.8	51.4	77.0

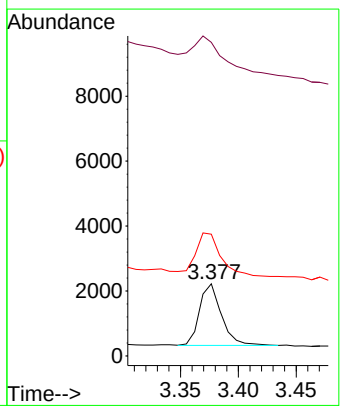


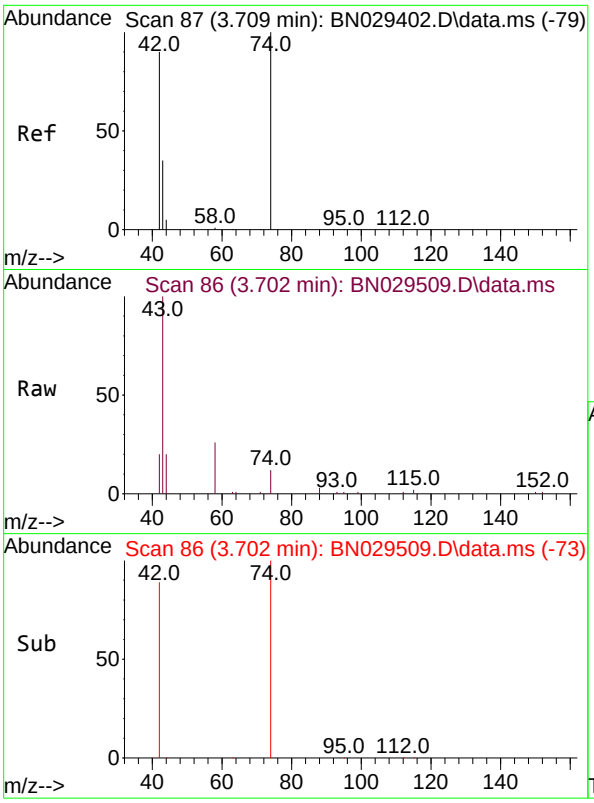


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion: 88 Resp: 2511

Ion	Ratio	Lower	Upper
88	100		
43	97.3	23.3	34.9#
58	81.6	53.8	80.6#



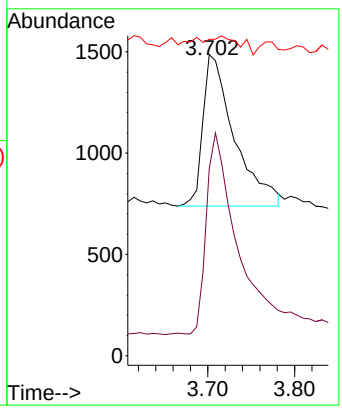


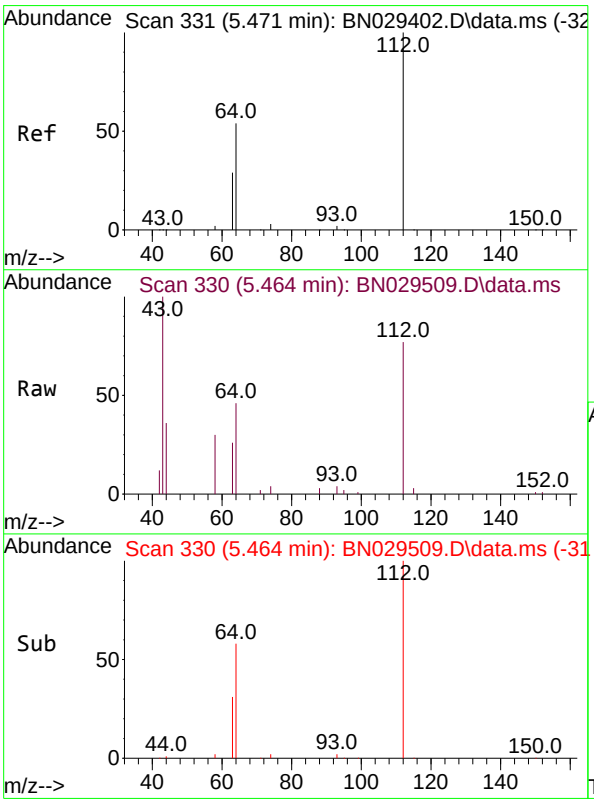
#3
n-Nitrosodimethylamine
Concen: 0.313 ng
RT: 3.702 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1888

Ion	Ratio	Lower	Upper
42	100		
74	130.9	93.7	140.5
44	0.0	13.0	19.4#

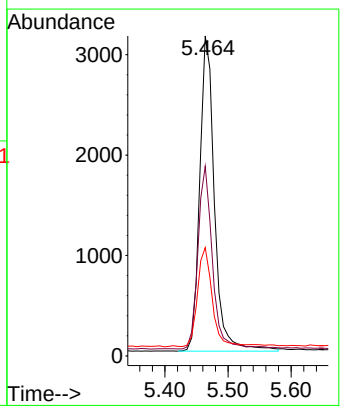


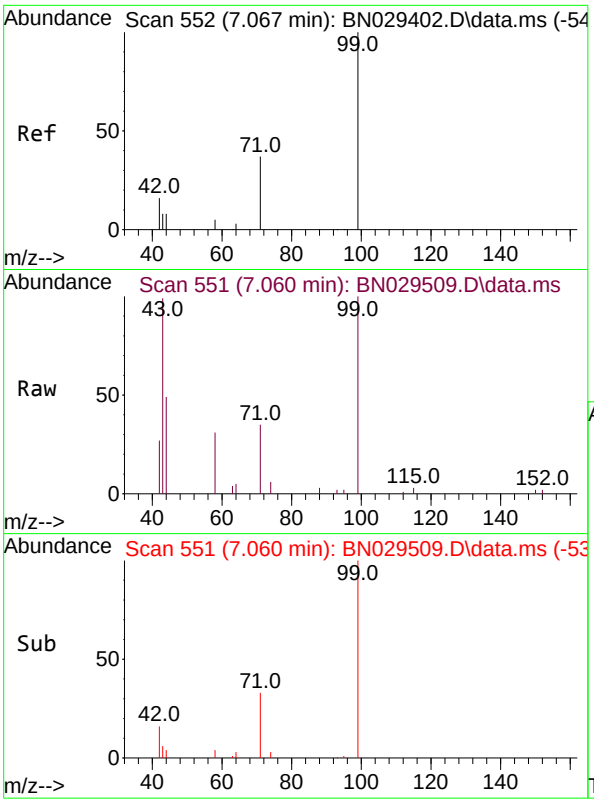


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:112 Resp: 5084

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.2	70.8
63	31.1	25.8	38.6



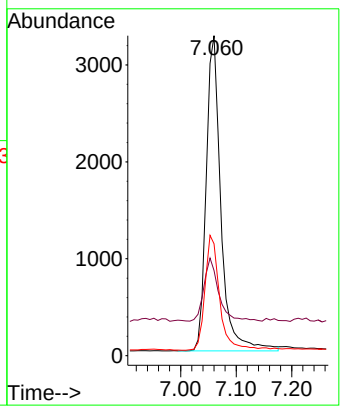


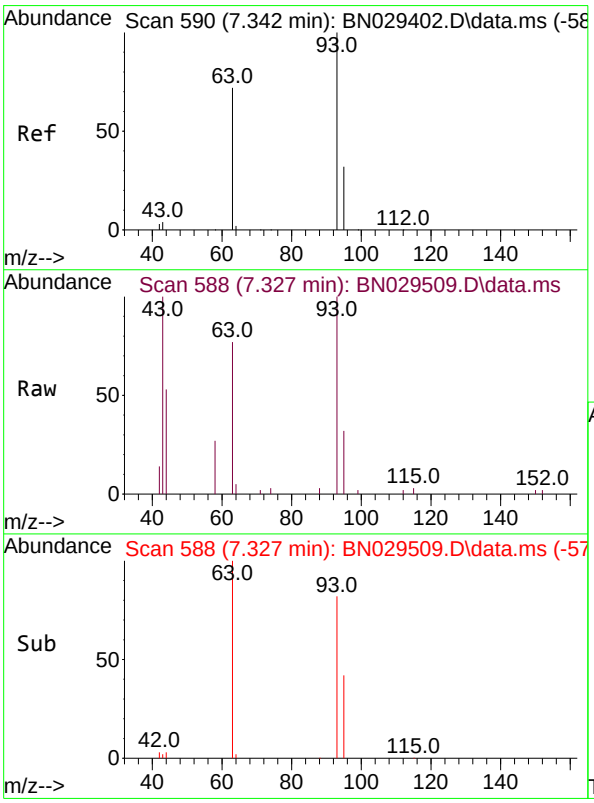
#5
Phenol-d6
Concen: 0.411 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5991

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.9	25.3
71	36.9	30.0	45.0

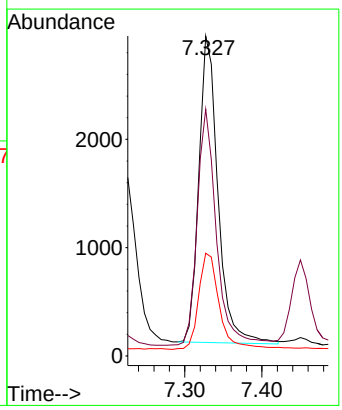


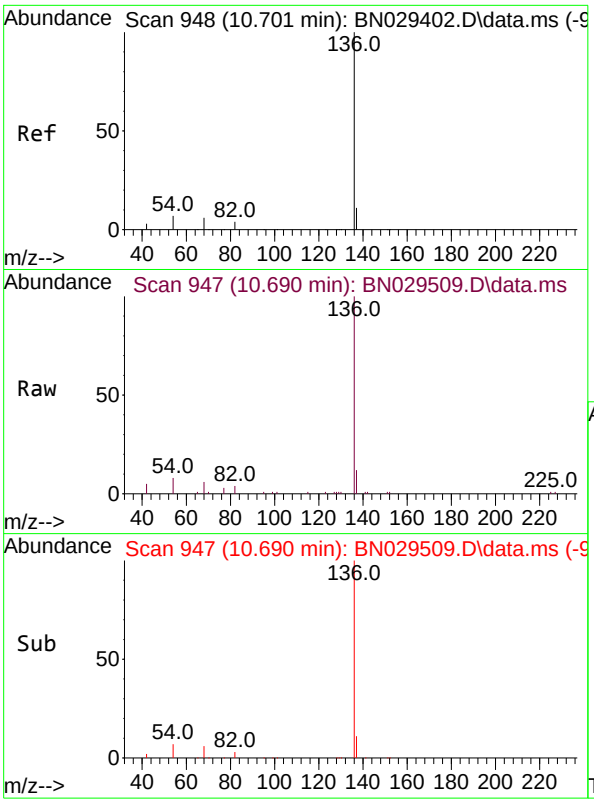


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion: 93 Resp: 4885

Ion	Ratio	Lower	Upper
93	100		
63	77.7	63.1	94.7
95	34.6	27.1	40.7



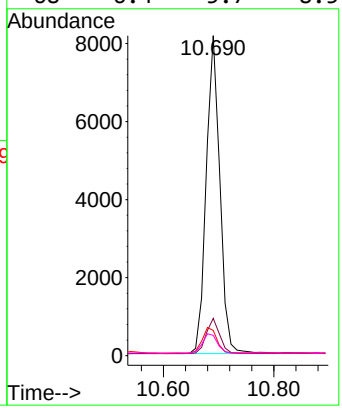


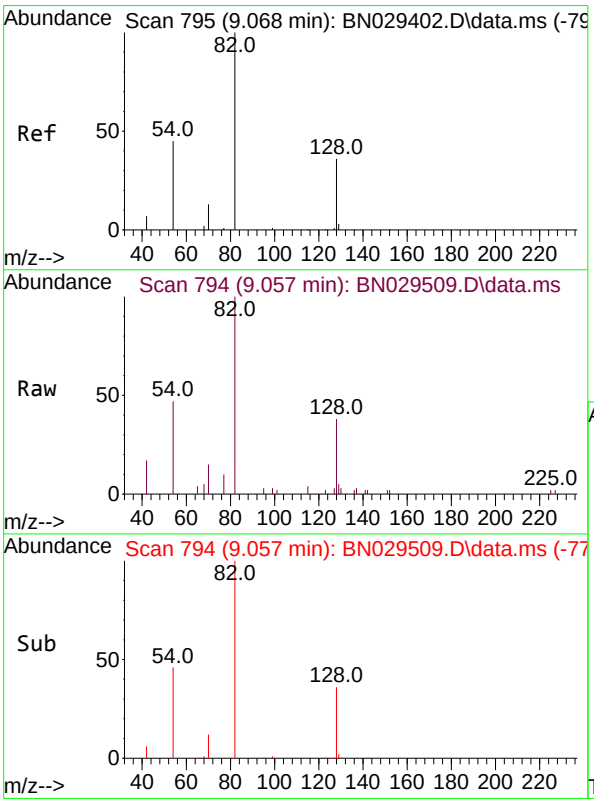
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14062

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	7.9	6.6	10.0
68	6.4	5.7	8.5

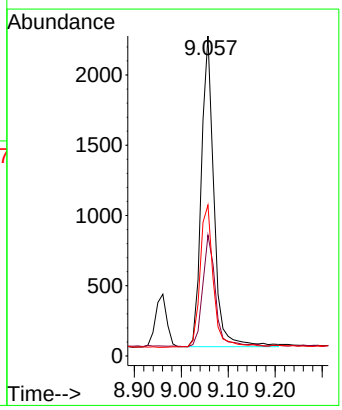


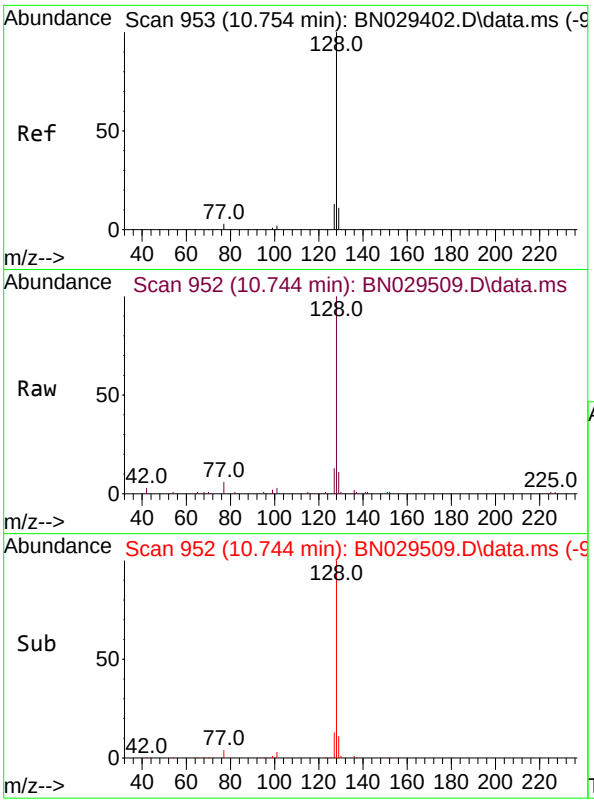


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion: 82 Resp: 4123

Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.6	47.4
54	47.1	38.2	57.4



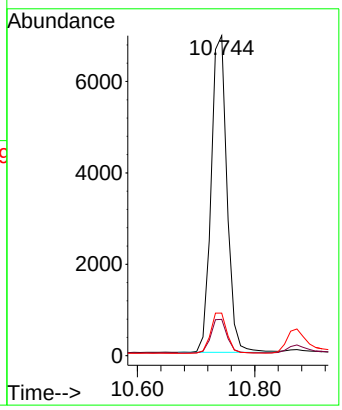


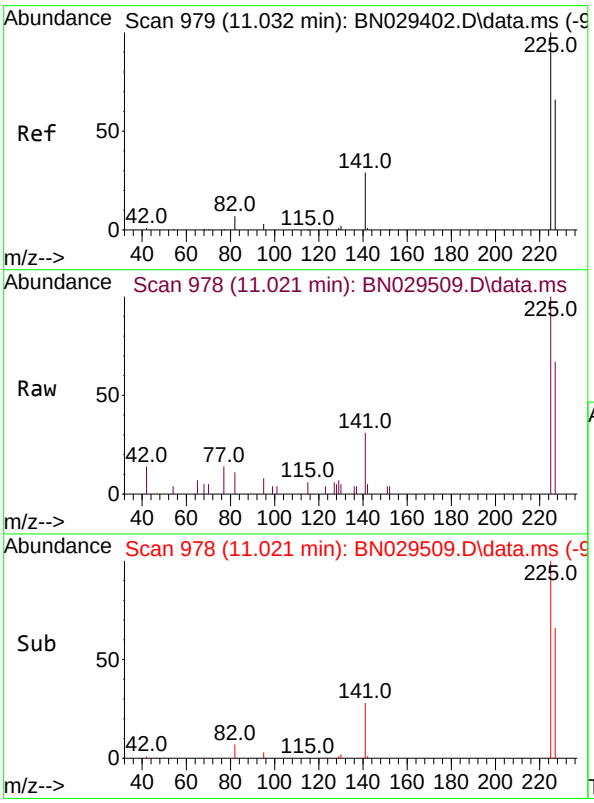
#9
Naphthalene
Concen: 0.324 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 12971

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

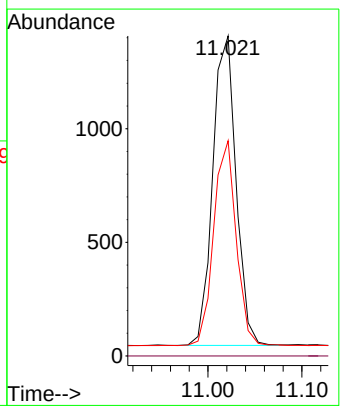


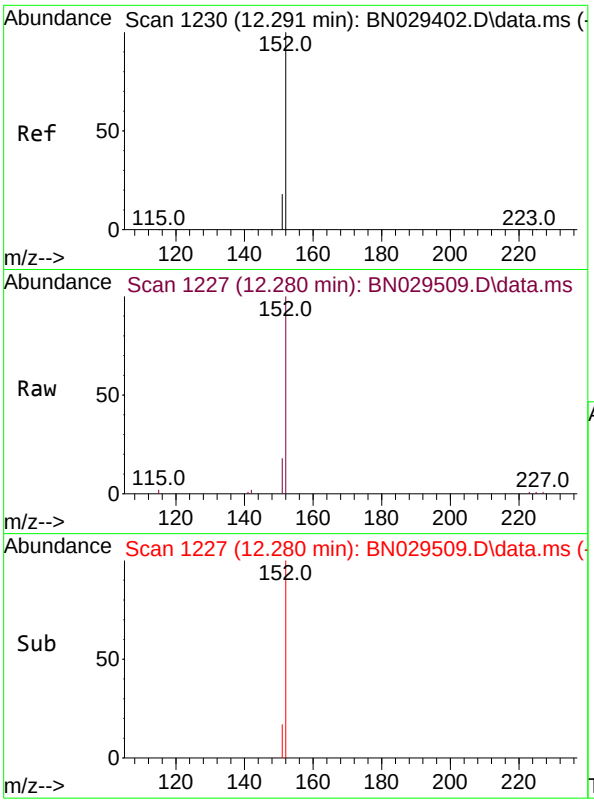


#10
Hexachlorobutadiene
Concen: 0.309 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:225 Resp: 2346

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



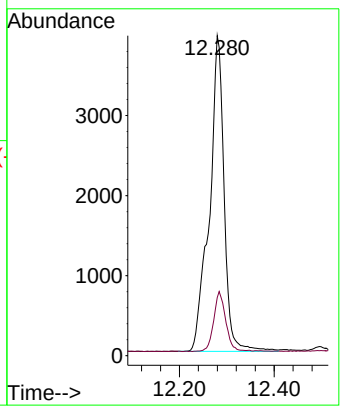


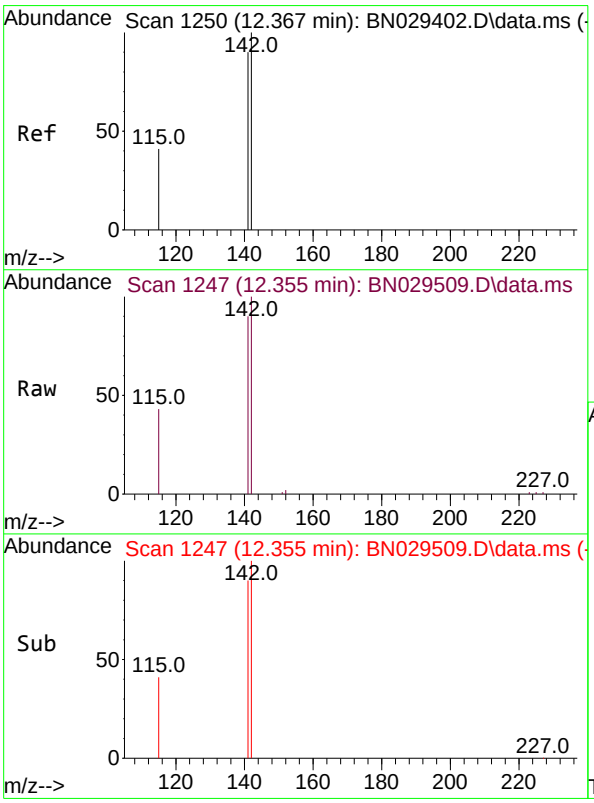
#11
2-Methylnaphthalene-d10
Concen: 0.445 ng
RT: 12.280 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8517

Ion	Ratio	Lower	Upper
152	100		
151	15.5	17.1	25.7#

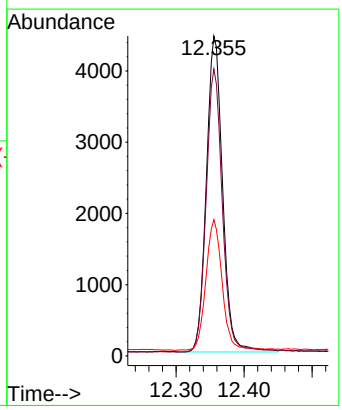


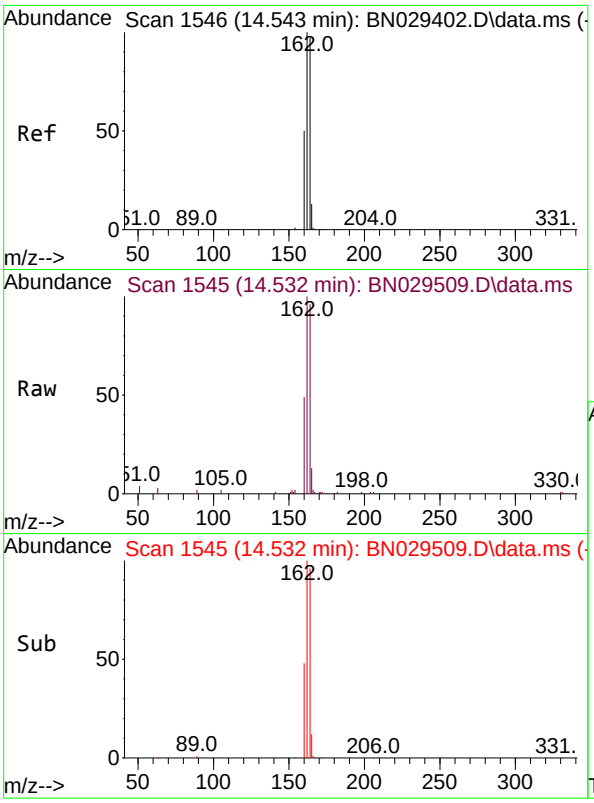


#12
2-Methylnaphthalene
Concen: 0.314 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:142 Resp: 7383

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	42.6	33.9	50.9



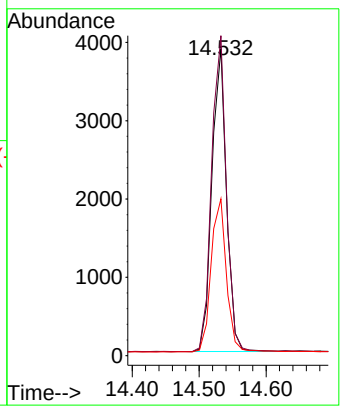


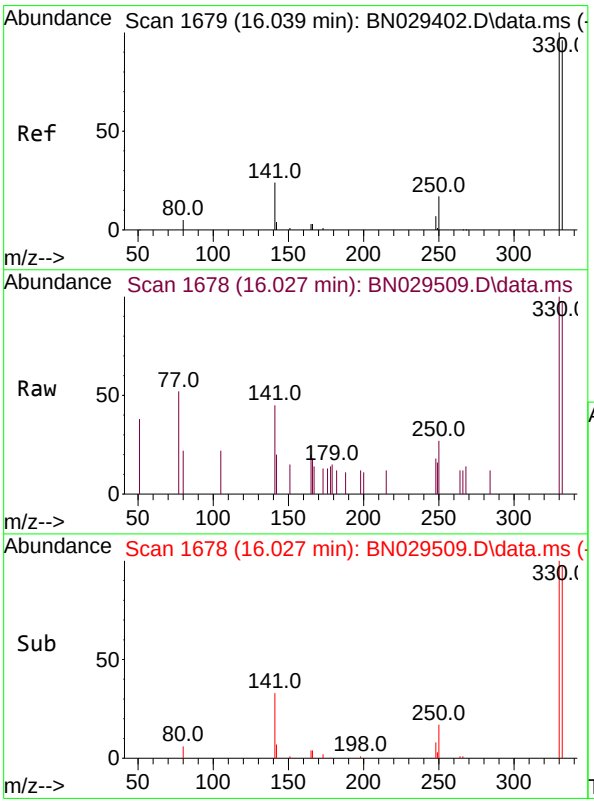
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5859

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	51.1	41.5	62.3

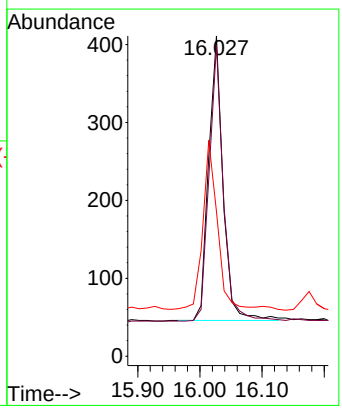


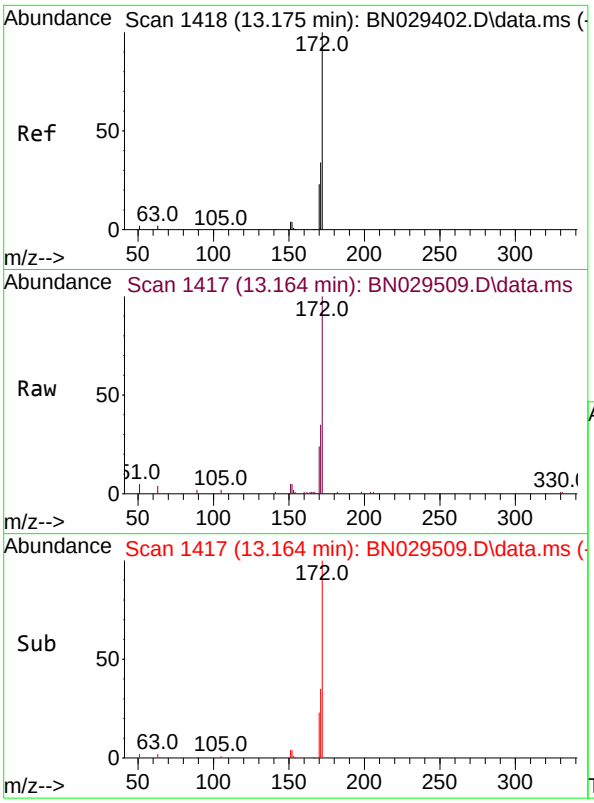


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 16.027 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:330 Resp: 588

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	60.7	43.4	65.2



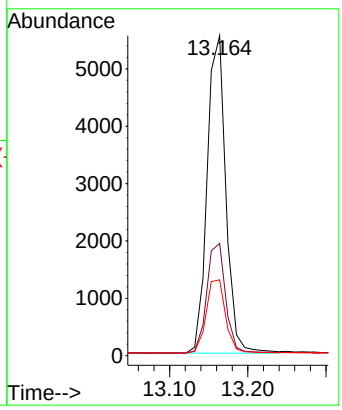


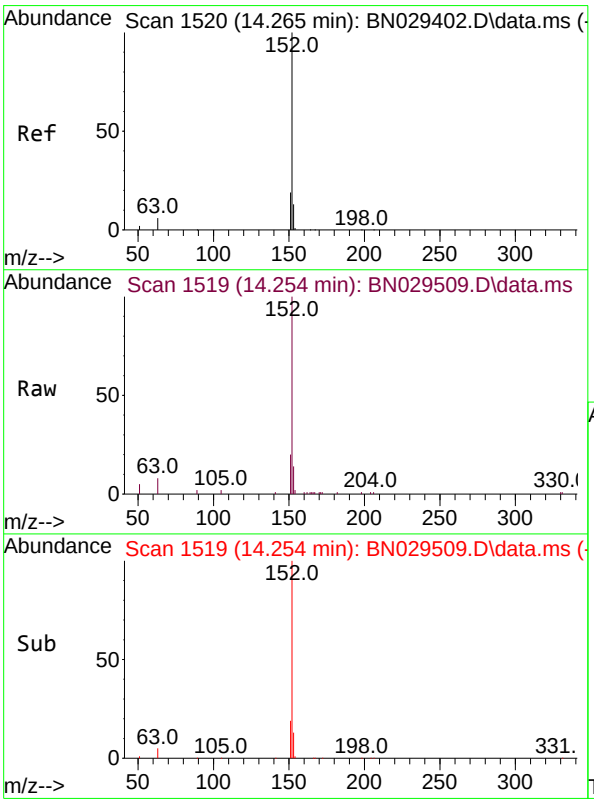
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9220

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.7	18.7	28.1

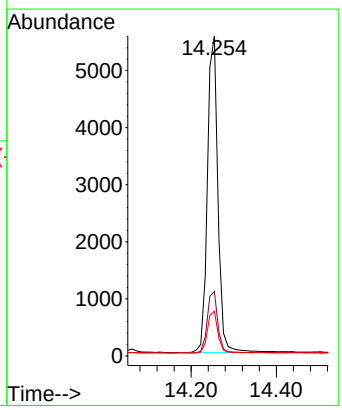


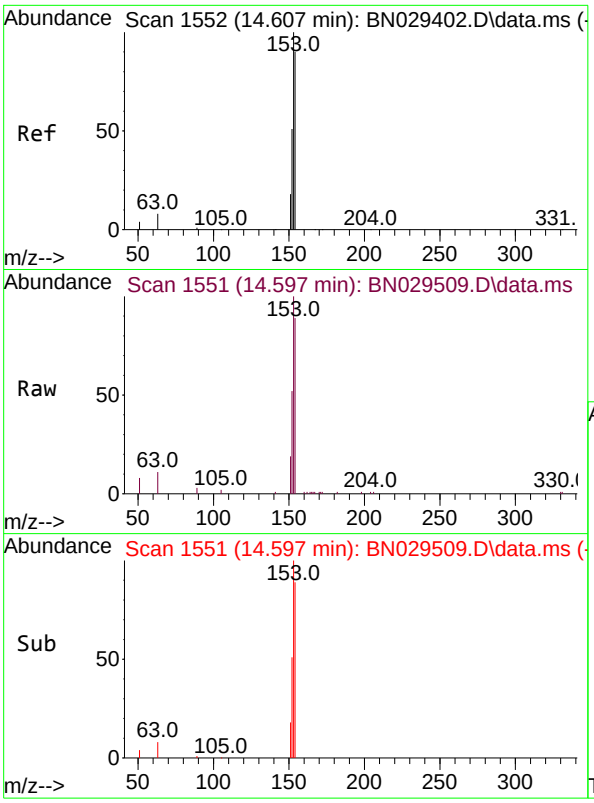


#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:152 Resp: 9520

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.1	10.5	15.7



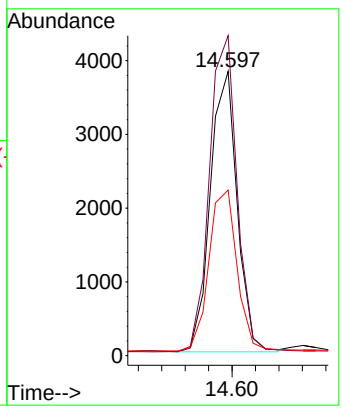


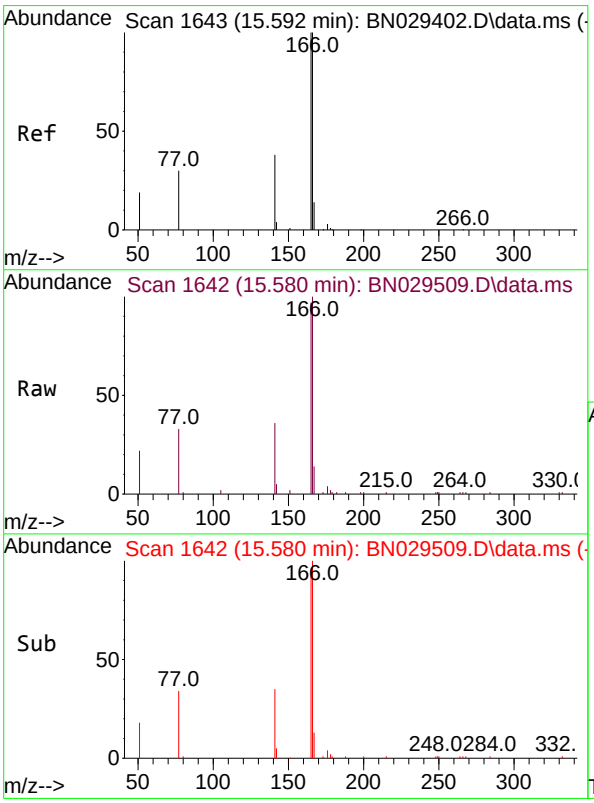
#17
Acenaphthene
Concen: 0.324 ng
RT: 14.597 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6048

Ion	Ratio	Lower	Upper
154	100		
153	116.2	93.6	140.4
152	60.7	48.6	73.0

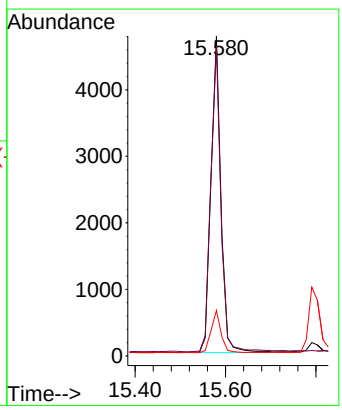


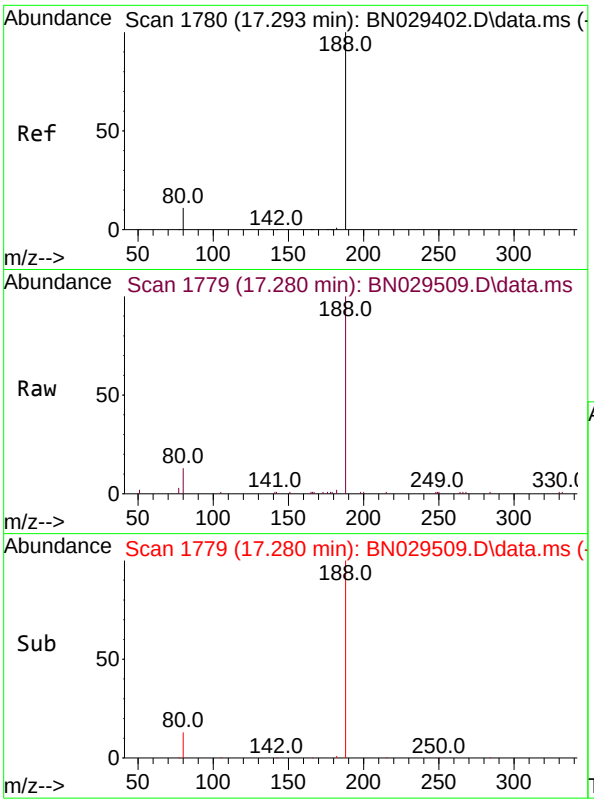


#18
Fluorene
Concen: 0.308 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:166 Resp: 7224

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.9	119.9
167	13.4	11.3	16.9



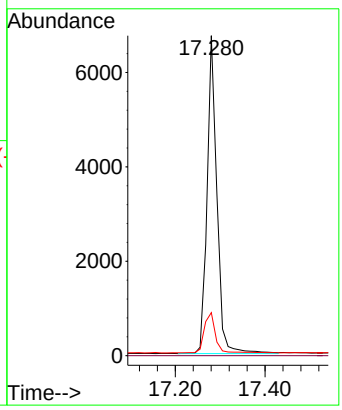


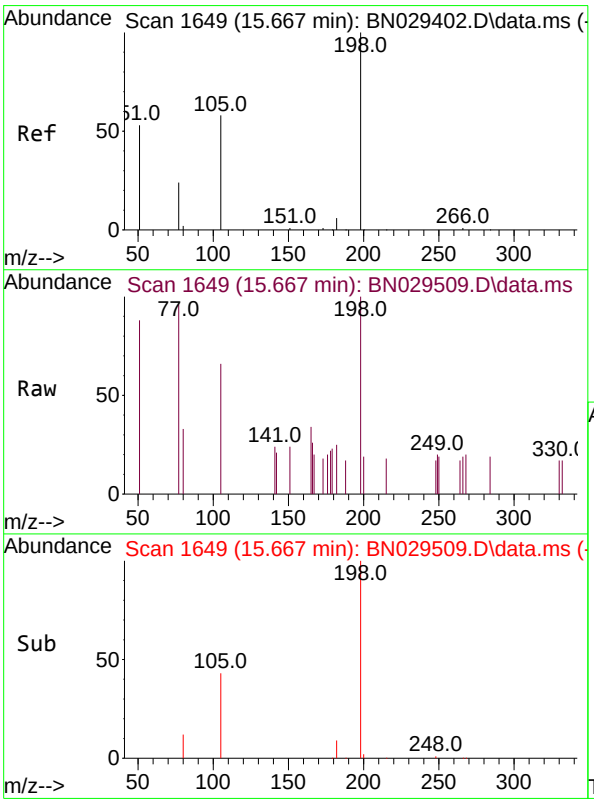
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10169

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	10.0	15.0

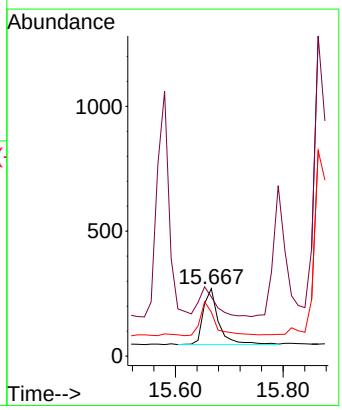


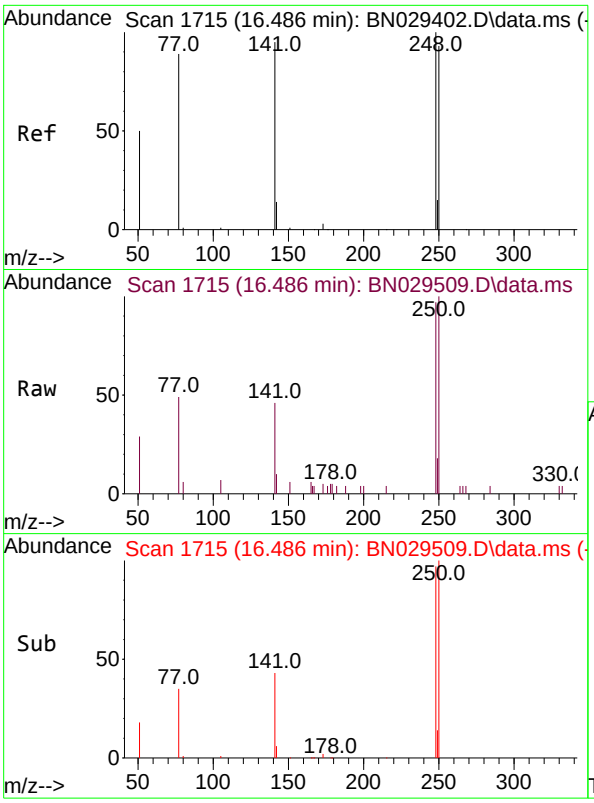


#20
4,6-Dinitro-2-methylphenol
Concen: 0.298 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:198 Resp: 445

Ion	Ratio	Lower	Upper
198	100		
51	87.8	111.0	166.6#
105	65.6	67.0	100.6#



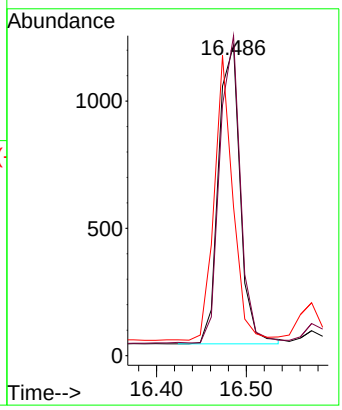


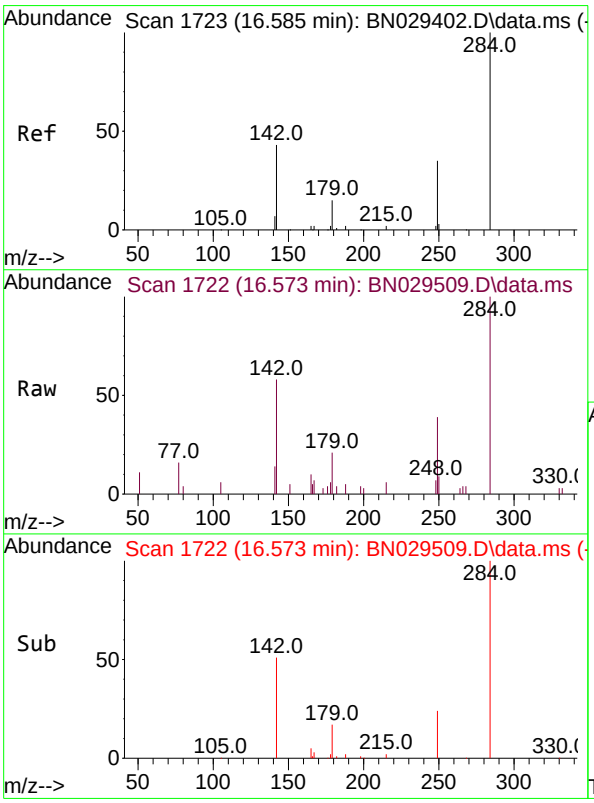
#21
4-Bromophenyl-phenylether
Concen: 0.326 ng
RT: 16.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1971

Ion	Ratio	Lower	Upper
248	100		
250	103.1	75.0	112.4
141	47.9	77.0	115.6#

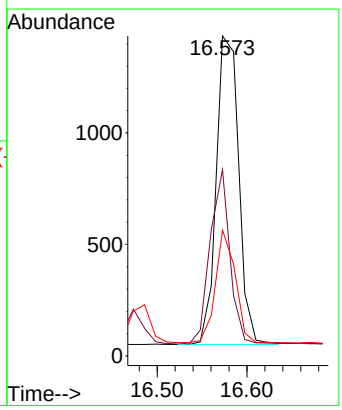


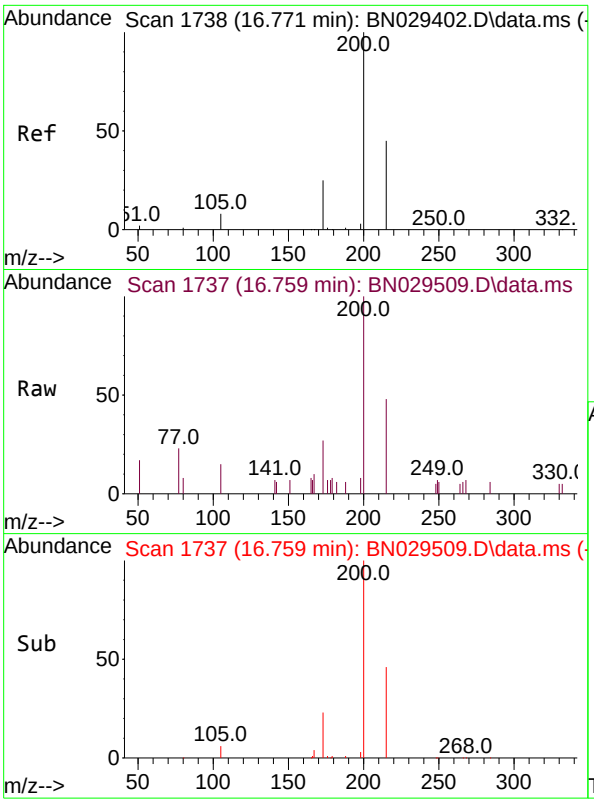


#22
Hexachlorobenzene
Concen: 0.324 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:284 Resp: 2408

Ion	Ratio	Lower	Upper
284	100		
142	49.4	39.4	59.2
249	32.2	26.9	40.3



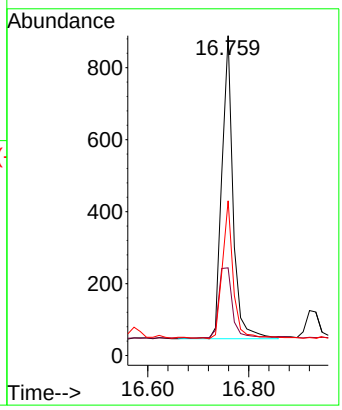


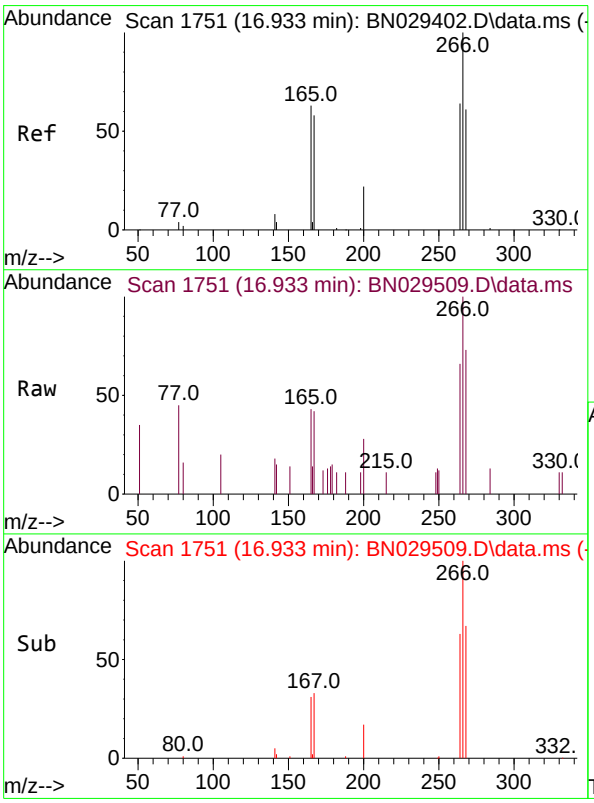
#23
Atrazine
Concen: 0.298 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1283

Ion	Ratio	Lower	Upper
200	100		
173	27.4	23.4	35.0
215	48.4	38.4	57.6

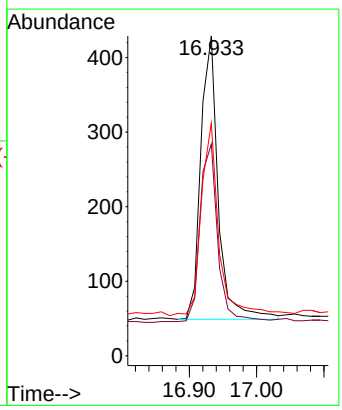


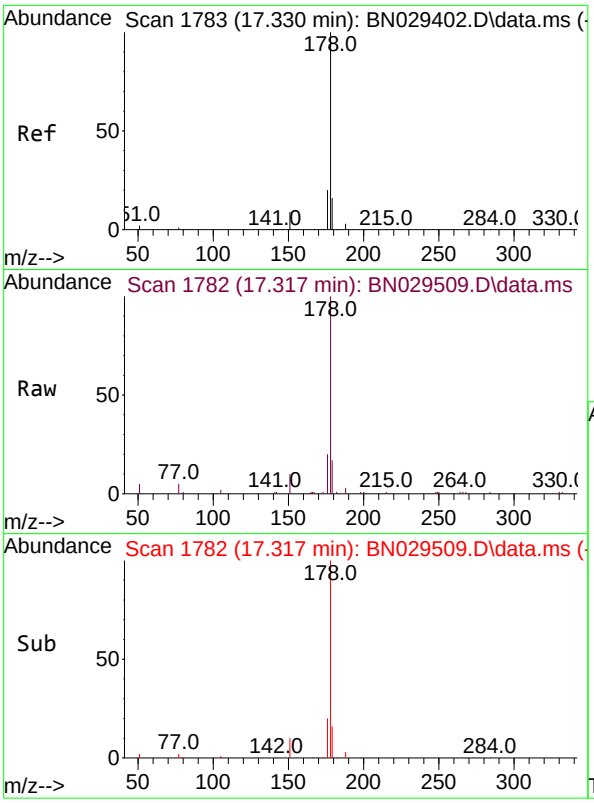


#24
Pentachlorophenol
Concen: 0.292 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:266 Resp: 688

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.8	76.2
268	68.9	51.5	77.3



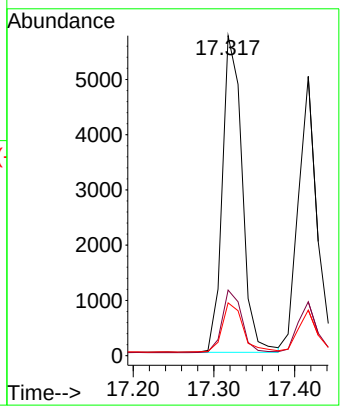


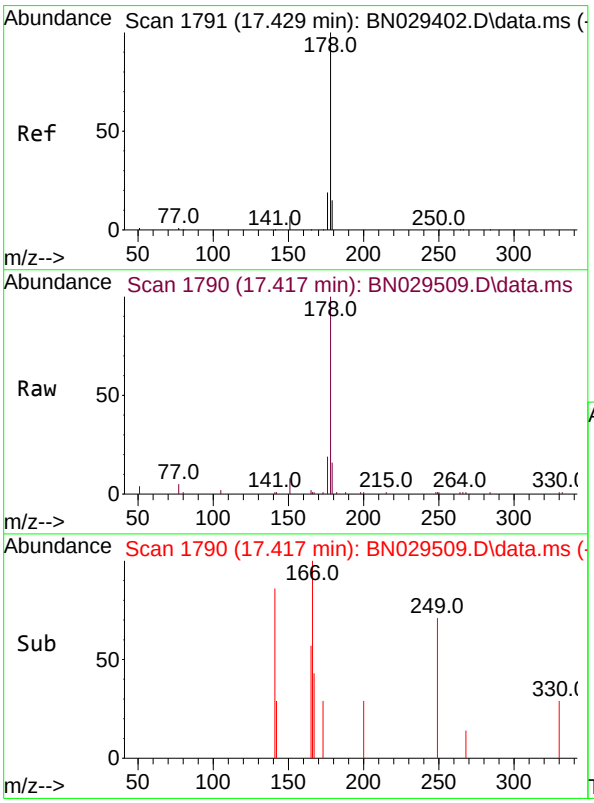
#25
Phenanthrene
Concen: 0.325 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9780

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.6	12.6	19.0

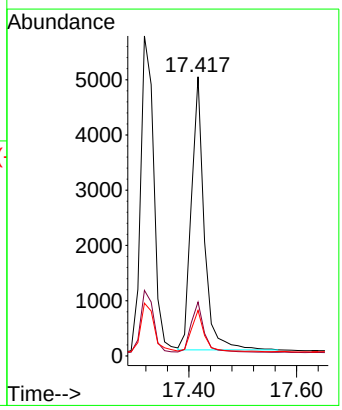


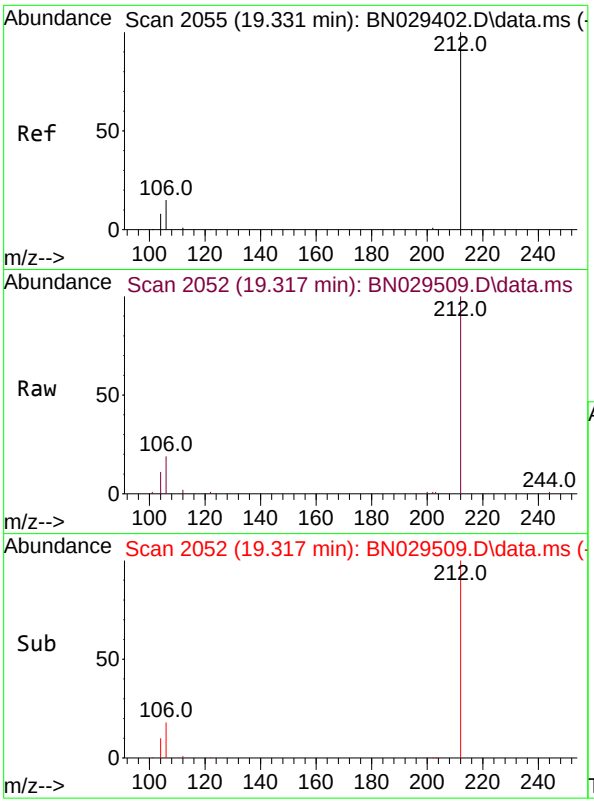


#26
Anthracene
Concen: 0.320 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:178 Resp: 8212

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	14.9	12.3	18.5



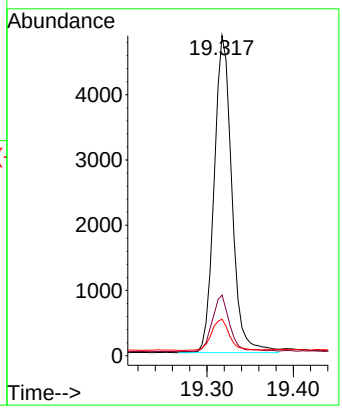


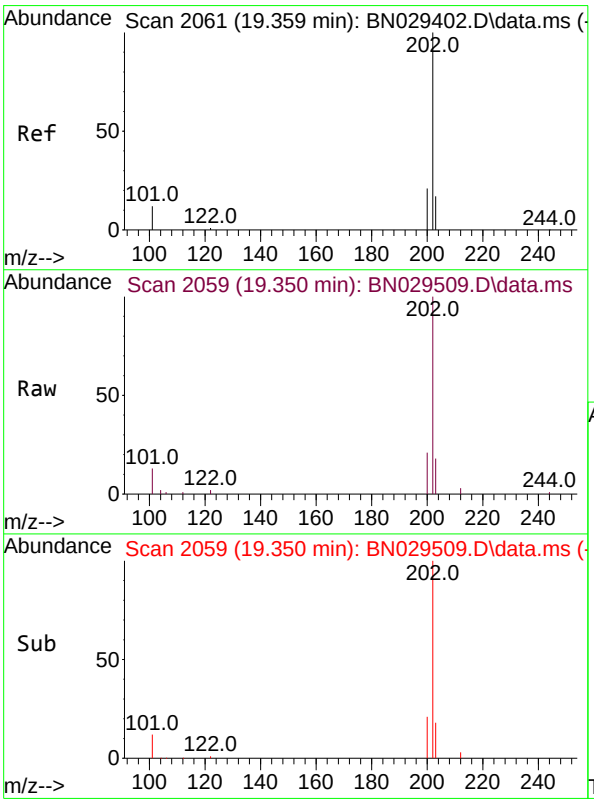
#27
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.317 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6939

Ion	Ratio	Lower	Upper
212	100		
106	17.8	13.2	19.8
104	10.1	7.7	11.5

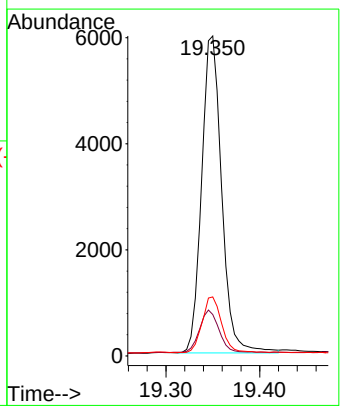


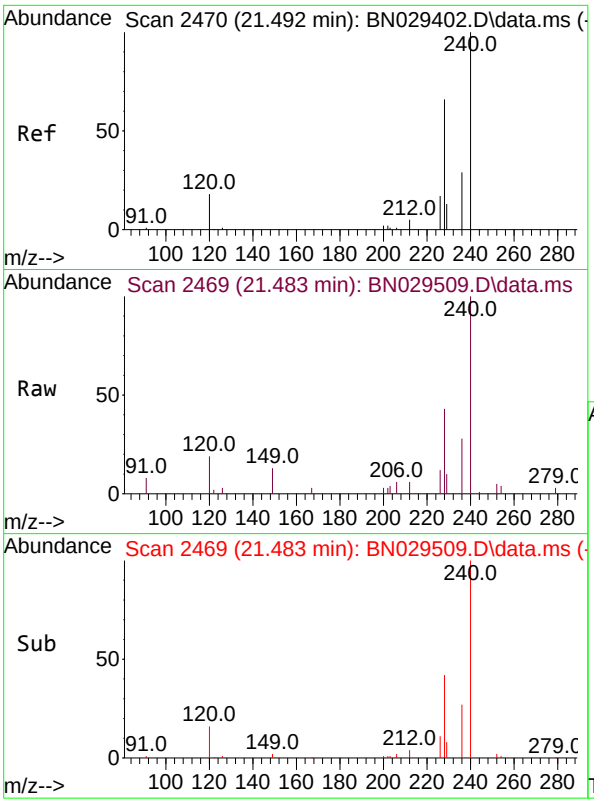


#28
Fluoranthene
Concen: 0.262 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:202 Resp: 8868

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
203	17.2	13.5	20.3



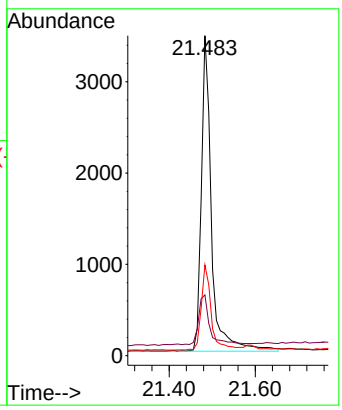


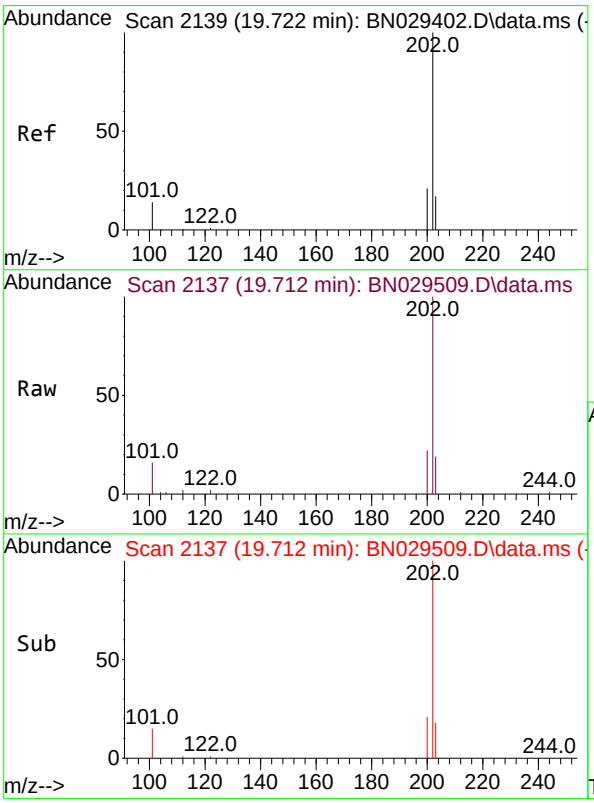
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5647

Ion	Ratio	Lower	Upper
240	100		
120	19.0	16.7	25.1
236	28.3	23.9	35.9

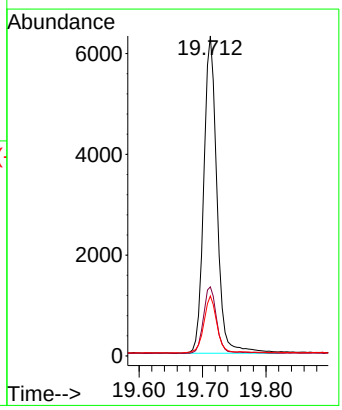


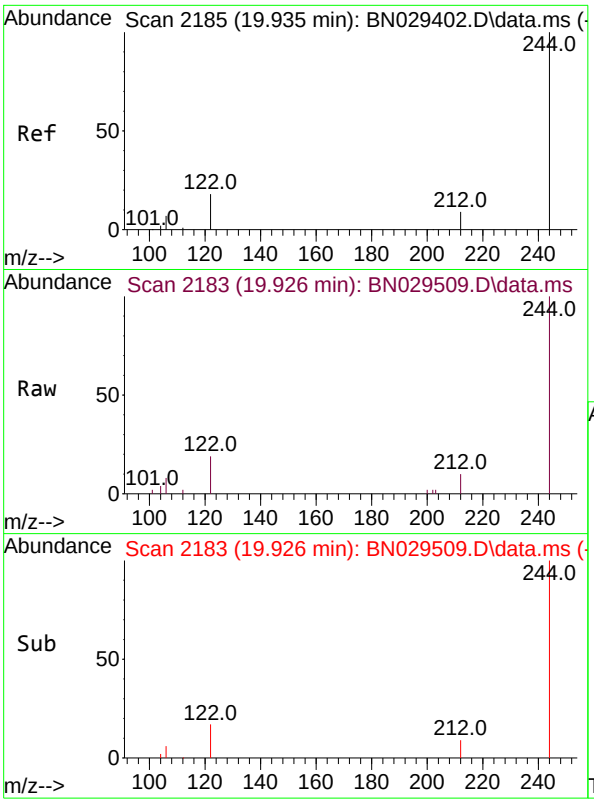


#30
Pyrene
Concen: 0.350 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:202 Resp: 9101

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



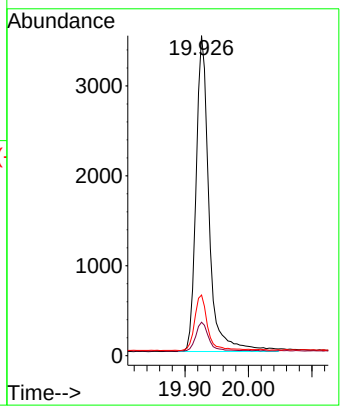


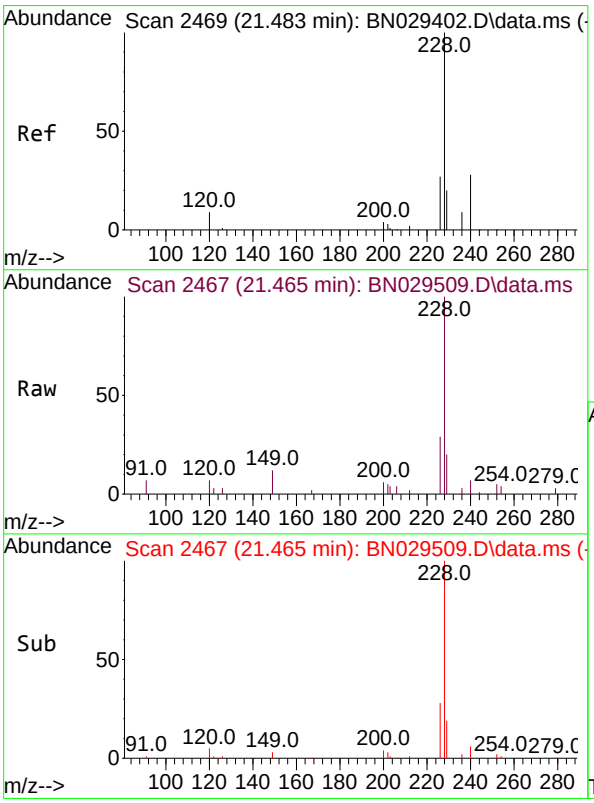
#31
Terphenyl-d14
Concen: 0.357 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5001

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.2	12.4
122	18.9	15.6	23.4

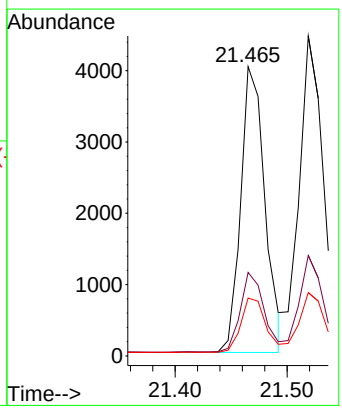


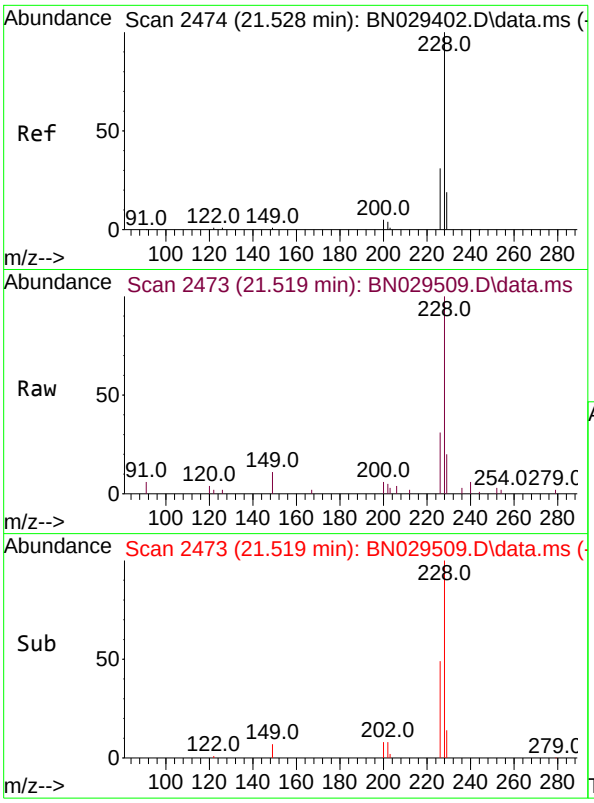


#32
Benzo(a)anthracene
Concen: 0.313 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:228 Resp: 6034

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.4
229	20.0	16.5	24.7



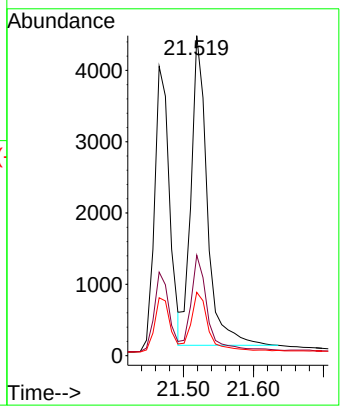


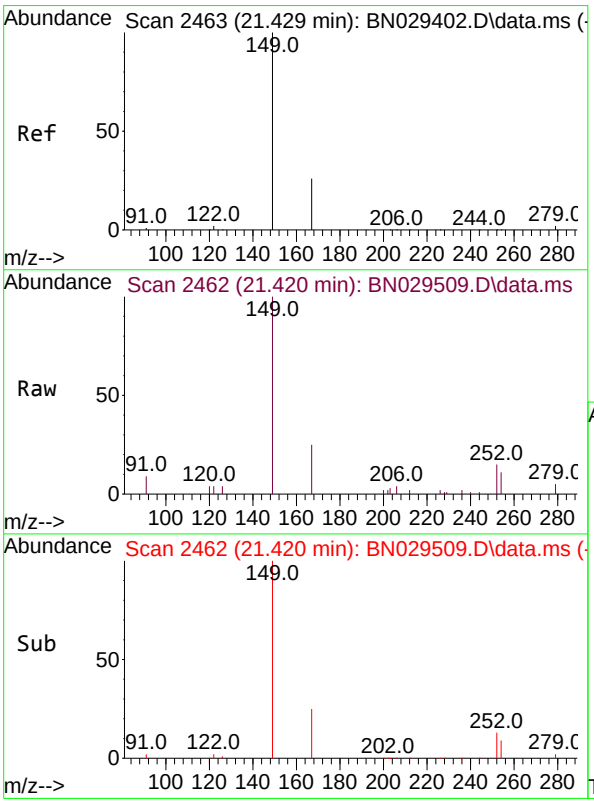
#33
Chrysene
Concen: 0.318 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6967

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.8	15.9	23.9

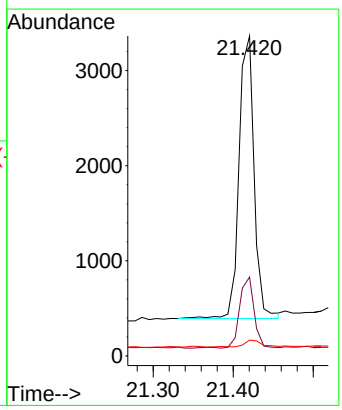


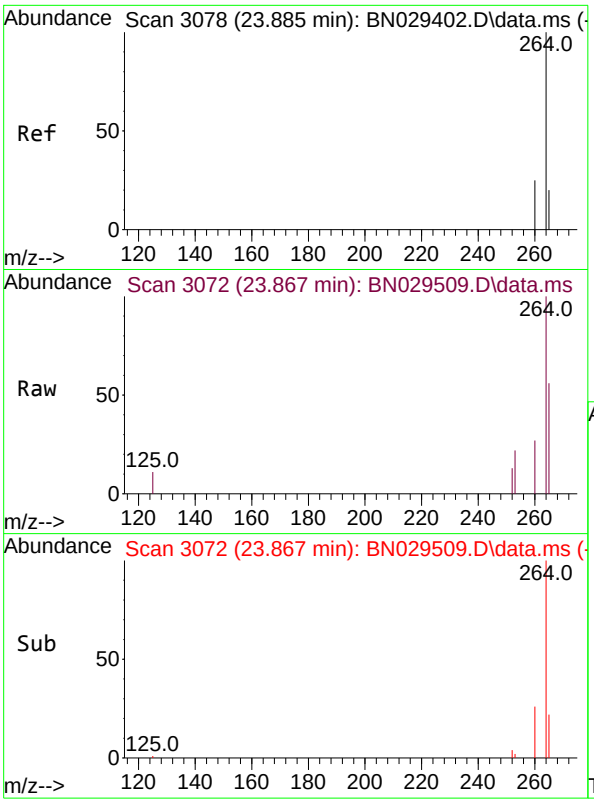


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.297 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:149 Resp: 3899

Ion	Ratio	Lower	Upper
149	100		
167	23.9	20.1	30.1
279	2.9	2.5	3.7



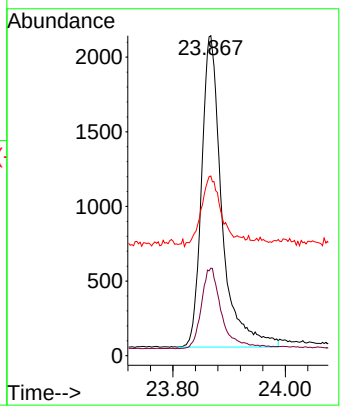


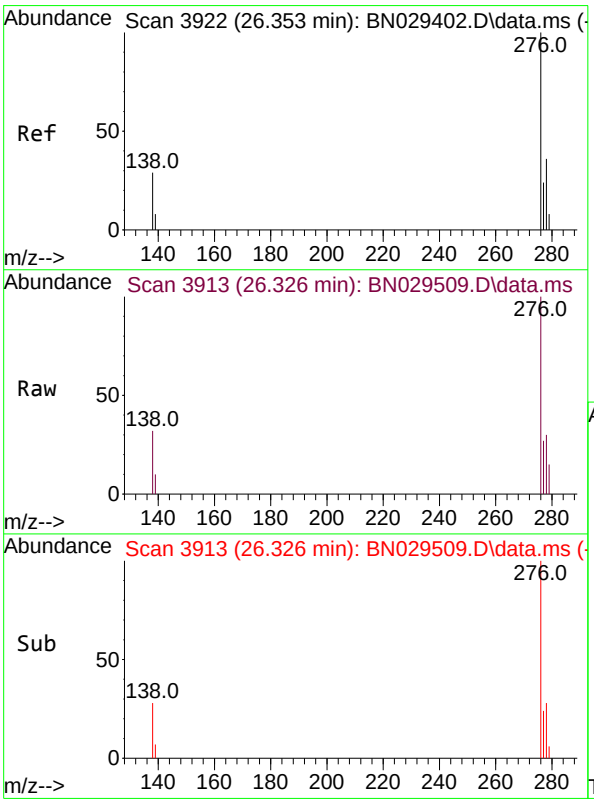
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.867 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5238

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.2	31.8
265	56.2	41.5	62.3

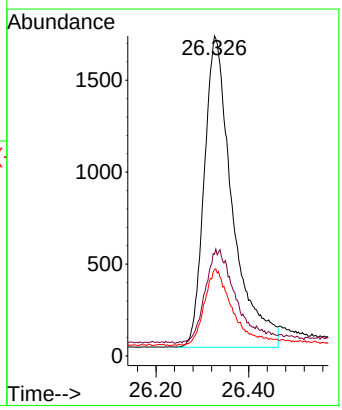


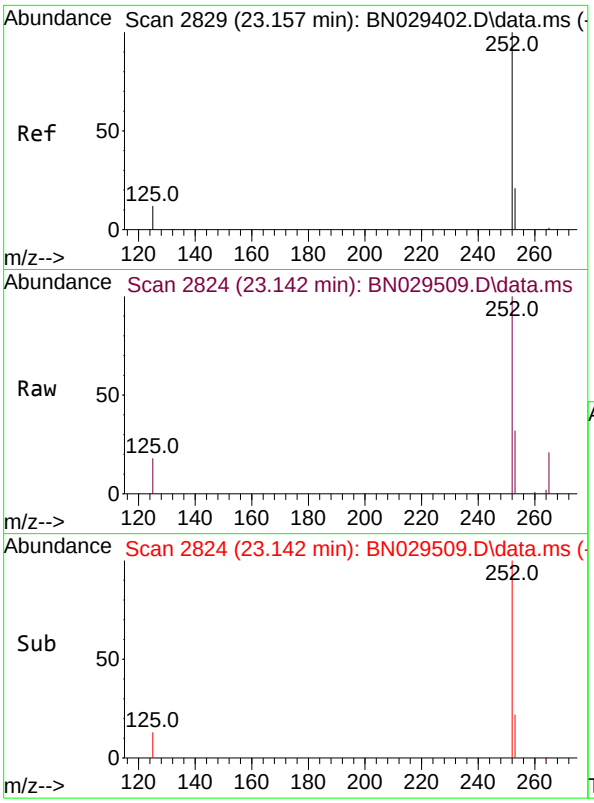


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng
RT: 26.326 min Scan# 3913
Delta R.T. -0.009 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:276 Resp: 7166

Ion	Ratio	Lower	Upper
276	100		
138	13.1	20.5	30.7#
277	23.1	17.0	25.4



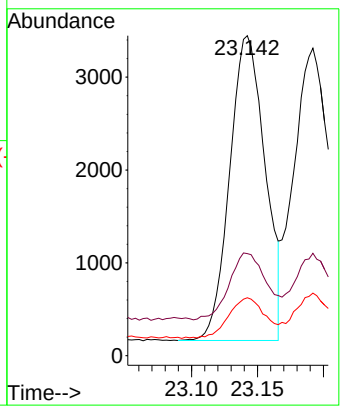


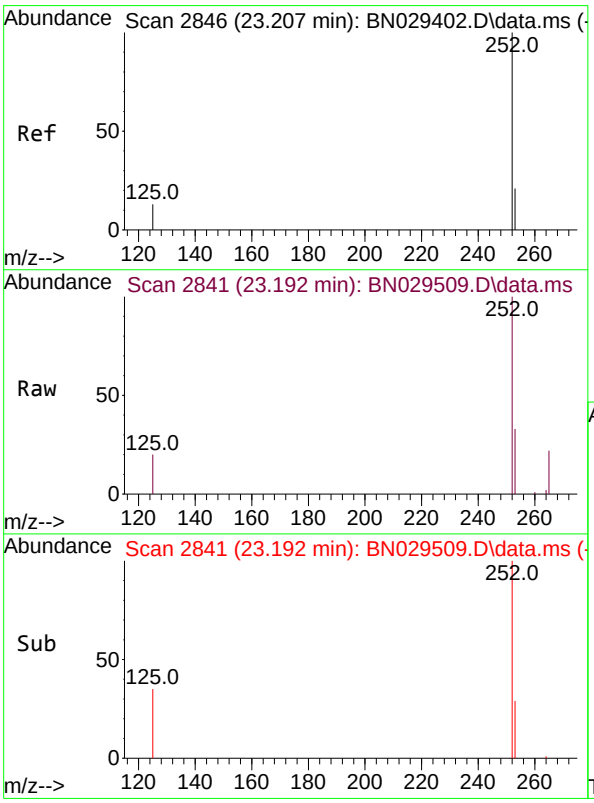
#37
Benzo(b)fluoranthene
Concen: 0.328 ng
RT: 23.142 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6134

Ion	Ratio	Lower	Upper
252	100		
253	31.9	21.7	32.5
125	18.1	13.3	19.9

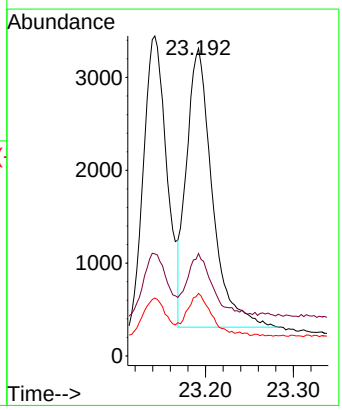


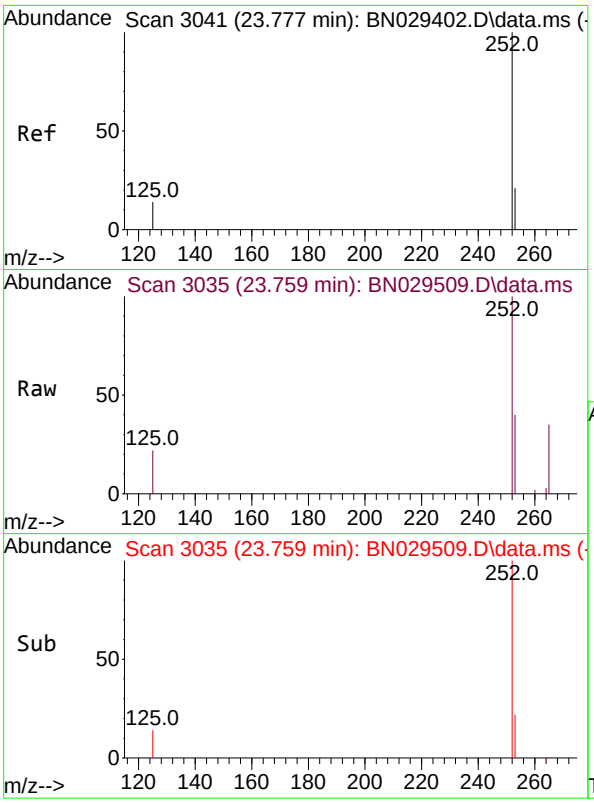


#38
Benzo(k)fluoranthene
Concen: 0.313 ng
RT: 23.192 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:252 Resp: 6140

Ion	Ratio	Lower	Upper
252	100		
253	33.3	21.8	32.8#
125	20.4	13.9	20.9



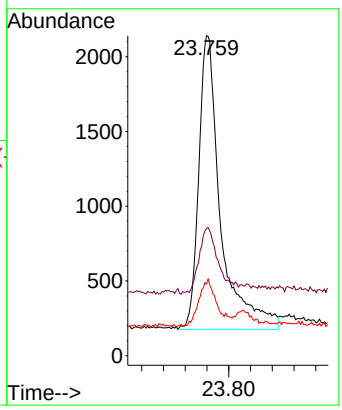


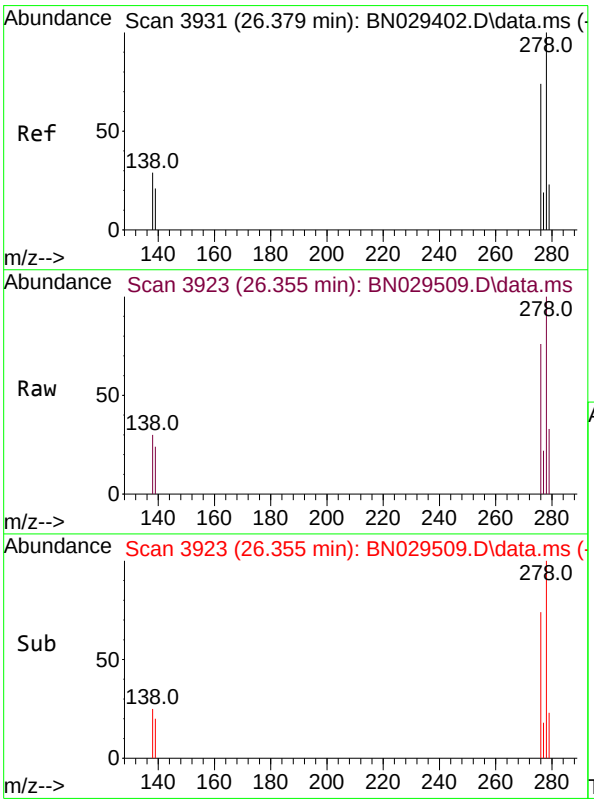
#39
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.759 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5491

Ion	Ratio	Lower	Upper
252	100		
253	39.8	24.9	37.3#
125	22.4	16.6	25.0

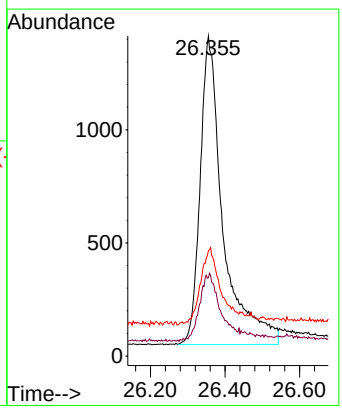


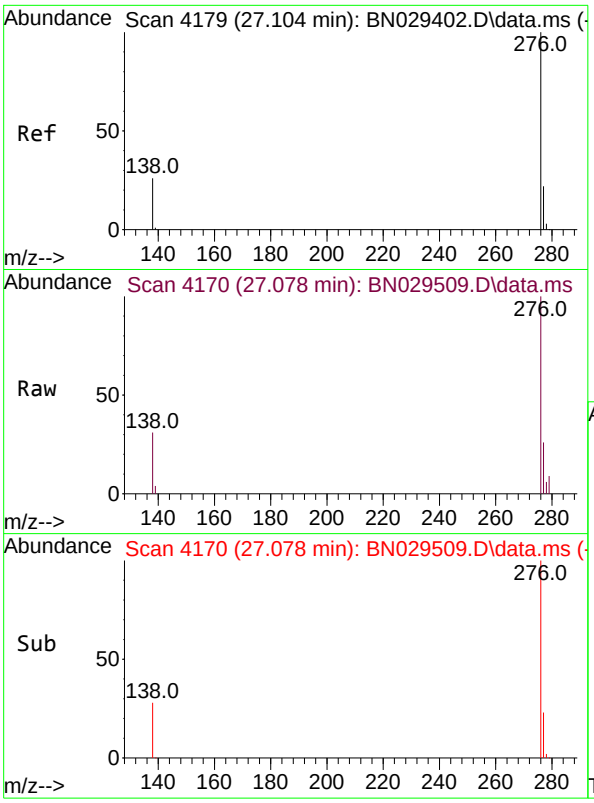


#40
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 26.355 min Scan# 3923
Delta R.T. -0.009 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Tgt Ion:278 Resp: 5821

Ion	Ratio	Lower	Upper
278	100		
139	24.5	20.4	30.6
279	32.9	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.329 ng
RT: 27.078 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN029509.D
Acq: 05 Feb 2024 15:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6723

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.2
138	31.2	23.5	35.3