Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029505.D
Acq On : 05 Feb 2024 13:21
Operator : MA/JU
Sample : PB158799BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 14:00:36 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	5416	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	14823	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	6730	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	12850	0.400	ng	0.00
29) Chrysene-d12	21.483	240	7839	0.400	ng	# 0.00
35) Perylene-d12	23.864	264	7114	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	5362	0.412	ng	0.00
5) Phenol-d6	7.060	99	6397	0.426	ng	0.00
8) Nitrobenzene-d5	9.057	82	4344	0.352	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	9344	0.463	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	784	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	10375	0.359	ng	0.00
27) Fluoranthene-d10	19.317	212	9737	0.313	ng	0.00
31) Terphenyl-d14	19.926	244	6934	0.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	2513	0.330	ng	# 49
3) n-Nitrosodimethylamine	3.702	42	1945	0.313	ng	# 86
6) bis(2-Chloroethyl)ether	7.327	93	5081	0.355	ng	99
9) Naphthalene	10.744	128	13670	0.324	ng	100
10) Hexachlorobutadiene	11.021	225	2448	0.306	ng	# 99
12) 2-Methylnaphthalene	12.355	142	7979	0.322	ng	99
16) Acenaphthylene	14.254	152	10876	0.340	ng	99
17) Acenaphthene	14.596	154	6924	0.323	ng	98
18) Fluorene	15.580	166	8504	0.316	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	563	0.298	ng	# 55
21) 4-Bromophenyl-phenylether	16.486	248	2476	0.324	ng	# 69
22) Hexachlorobenzene	16.573	284	2840	0.303	ng	99
23) Atrazine	16.759	200	1766	0.325	ng	97
24) Pentachlorophenol	16.933	266	946	0.318	ng	98
25) Phenanthrene	17.317	178	12667	0.333	ng	100
26) Anthracene	17.417	178	10595	0.327	ng	100
28) Fluoranthene	19.350	202	12259	0.287	ng	100
30) Pyrene	19.712	202	12753	0.353	ng	99
32) Benzo(a)anthracene	21.465	228	8665	0.324	ng	98
33) Chrysene	21.519	228	9687	0.318	ng	99
34) Bis(2-ethylhexyl)phtha...	21.420	149	5708	0.313	ng	97
36) Indeno(1,2,3-cd)pyrene	26.326	276	8625	0.302	ng	# 89
37) Benzo(b)fluoranthene	23.142	252	8449	0.332	ng	98
38) Benzo(k)fluoranthene	23.189	252	8353	0.314	ng	93
39) Benzo(a)pyrene	23.759	252	7016	0.316	ng	96
40) Dibenzo(a,h)anthracene	26.355	278	6753	0.297	ng	98
41) Benzo(g,h,i)perylene	27.075	276	7954	0.287	ng	96

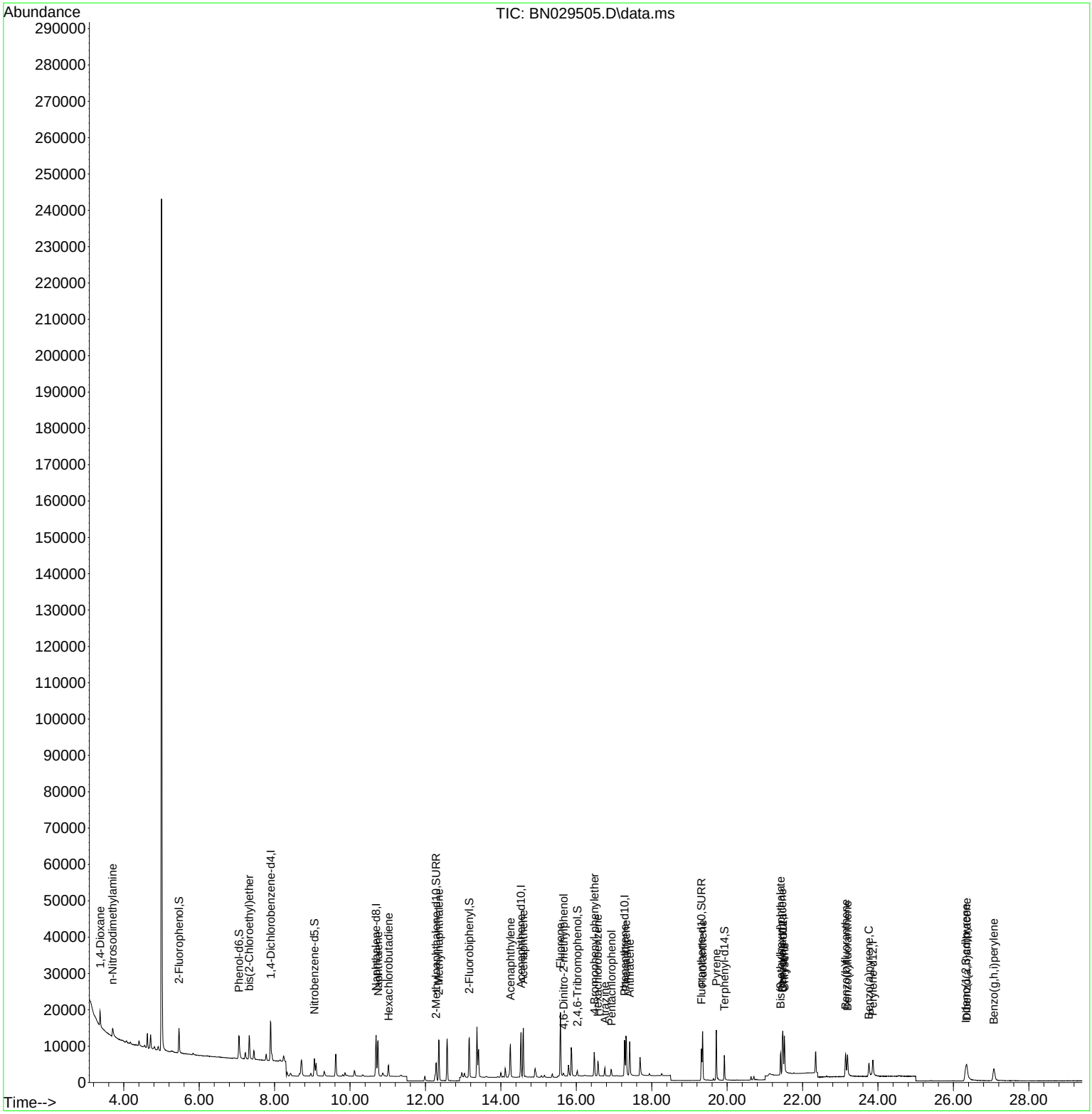
(#) = qualifier out of range (m) = manual integration (+) = signals summed

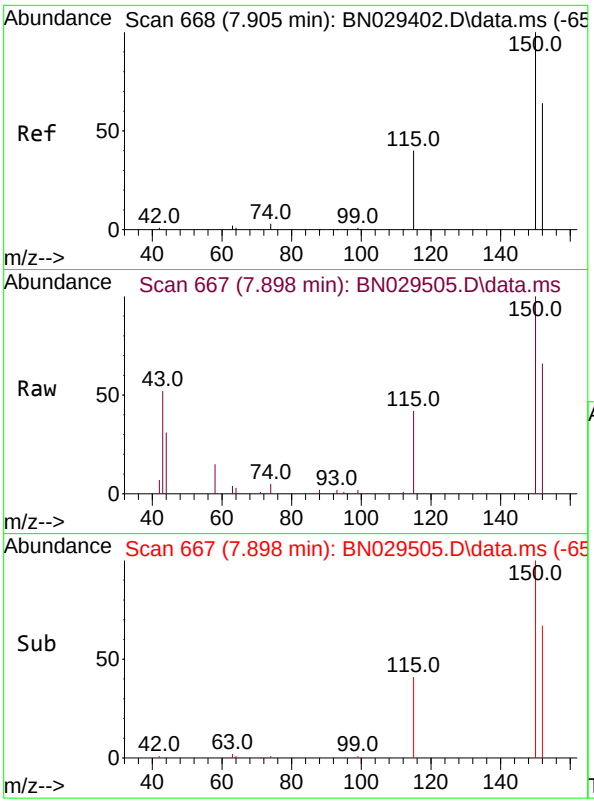
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029505.D
Acq On : 05 Feb 2024 13:21
Operator : MA/JU
Sample : PB158799BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 05 14:00:36 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



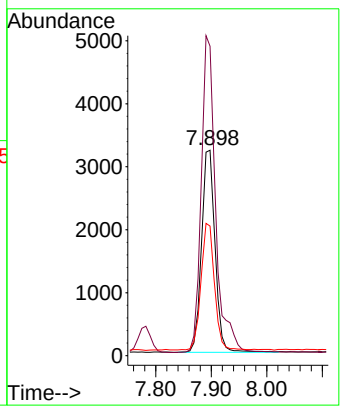


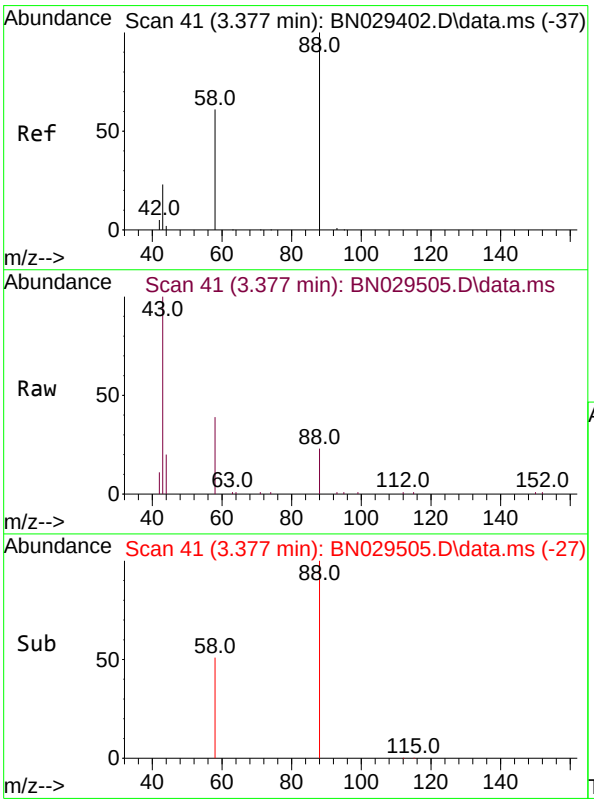
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5416

Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.0	184.4
115	63.1	51.4	77.0

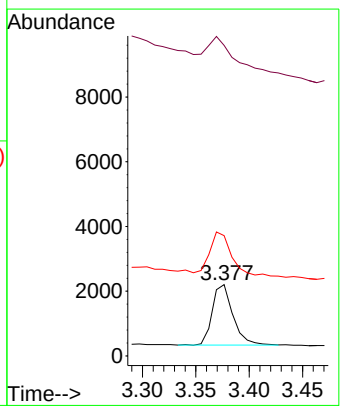


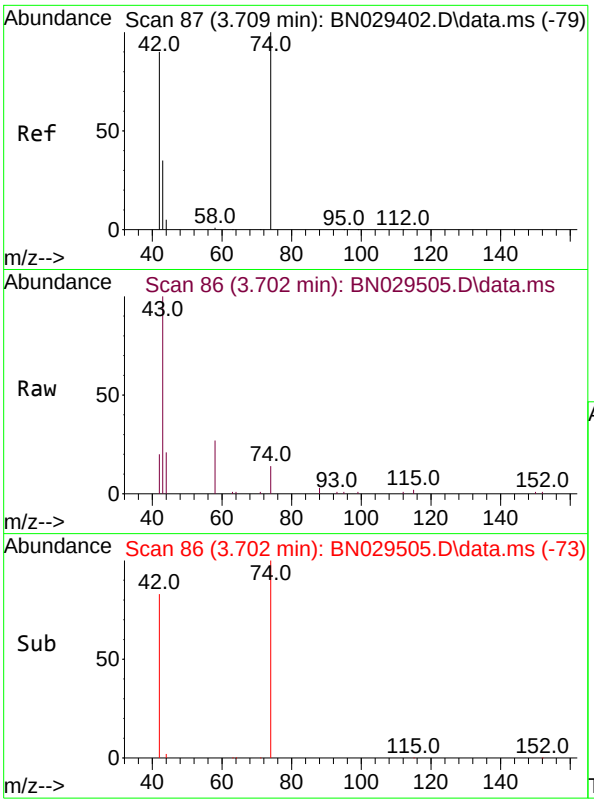


#2
1,4-Dioxane
Concen: 0.330 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion: 88 Resp: 2513

Ion	Ratio	Lower	Upper
88	100		
43	93.6	23.3	34.9#
58	84.3	53.8	80.6#



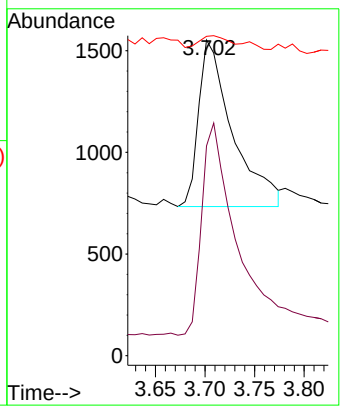


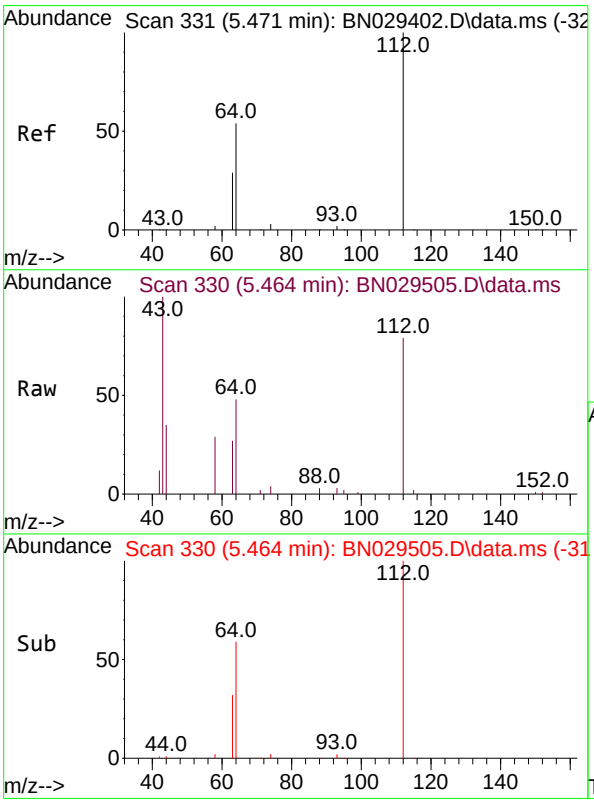
#3
n-Nitrosodimethylamine
Concen: 0.313 ng
RT: 3.702 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1945

Ion	Ratio	Lower	Upper
42	100		
74	132.1	93.7	140.5
44	9.0	13.0	19.4#

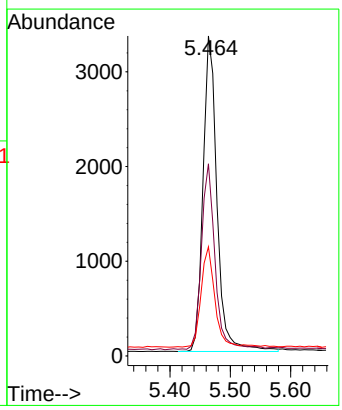


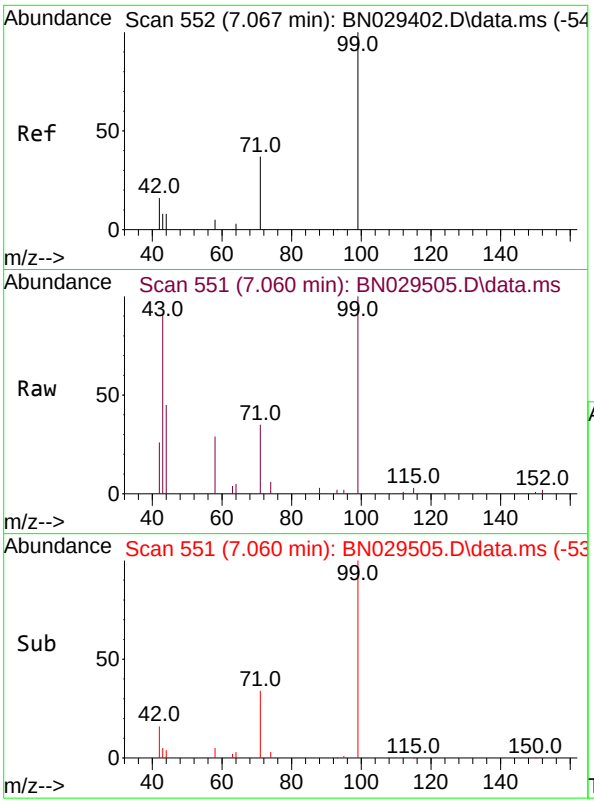


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:112 Resp: 5362

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.2	70.8
63	31.8	25.8	38.6



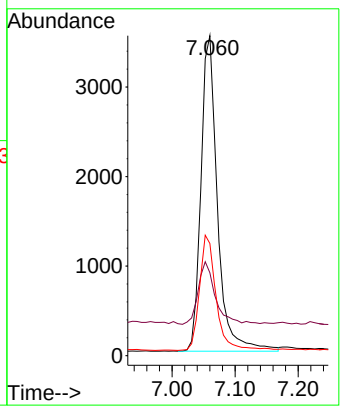


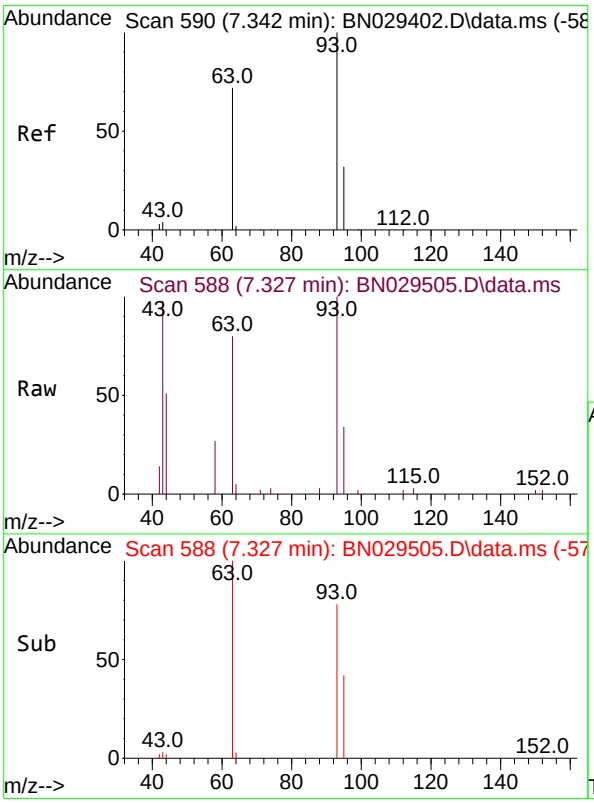
#5
Phenol-d6
Concen: 0.426 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6397

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.9	25.3
71	36.7	30.0	45.0

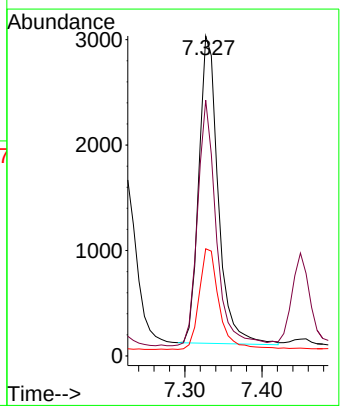


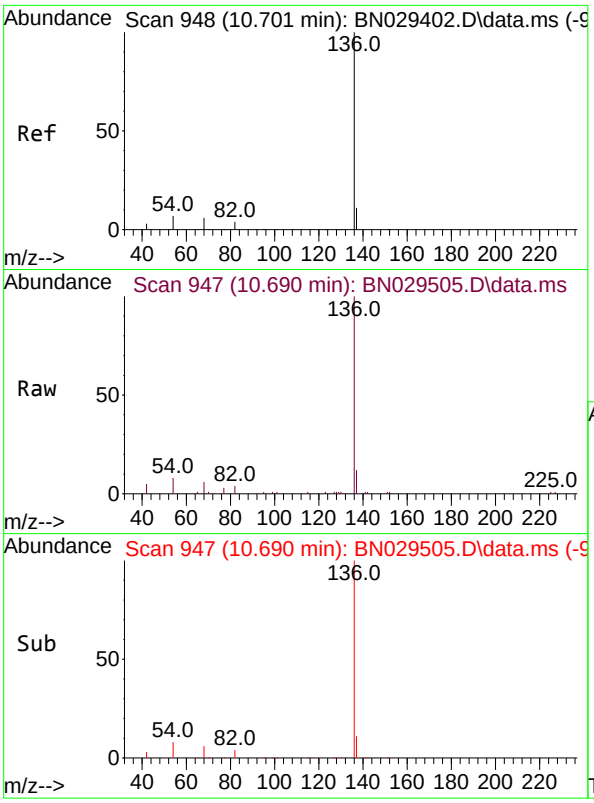


#6
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion: 93 Resp: 5081

Ion	Ratio	Lower	Upper
93	100		
63	77.2	63.1	94.7
95	33.9	27.1	40.7



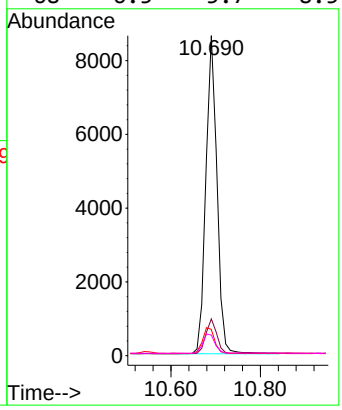


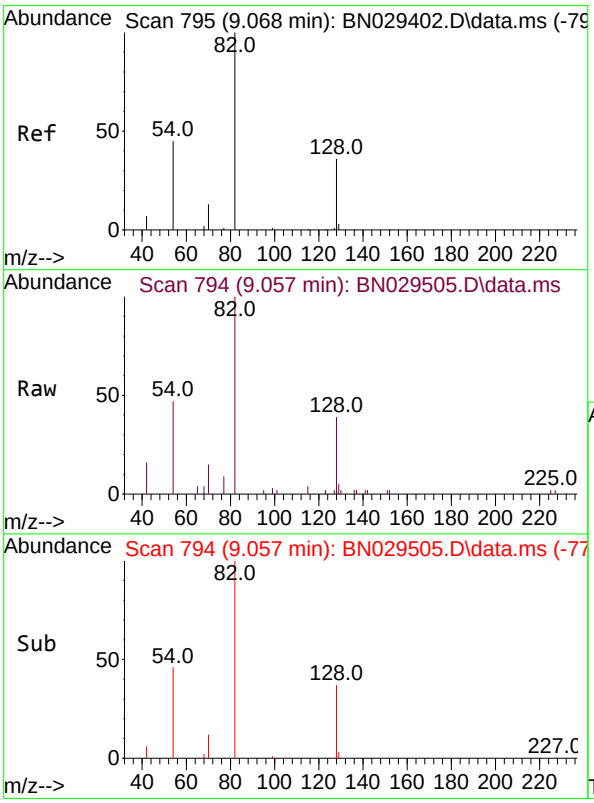
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14823

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	8.2	6.6	10.0
68	6.5	5.7	8.5

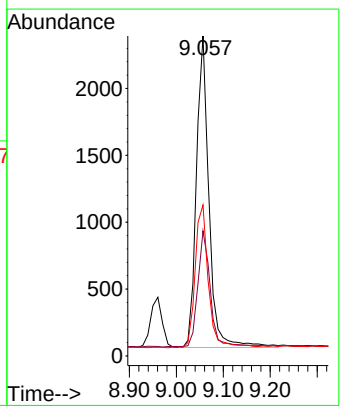


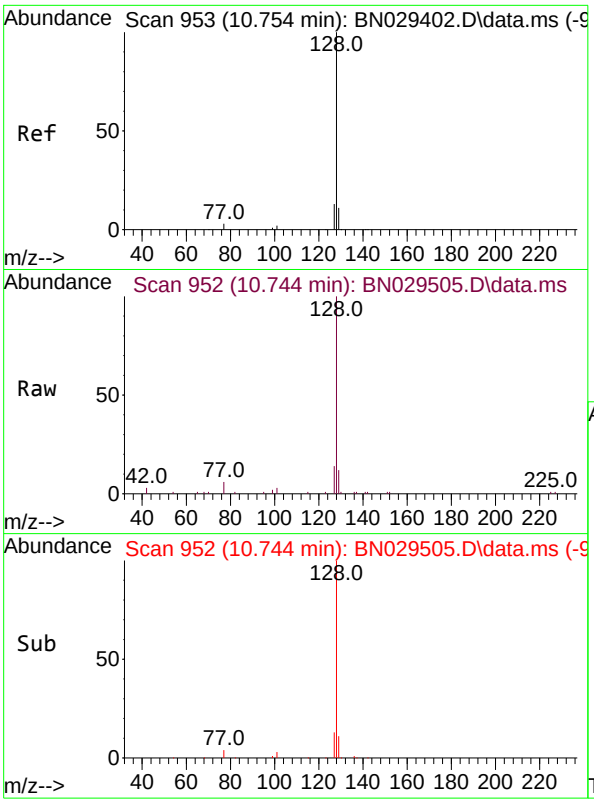


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion: 82 Resp: 4344

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.6	47.4
54	47.2	38.2	57.4



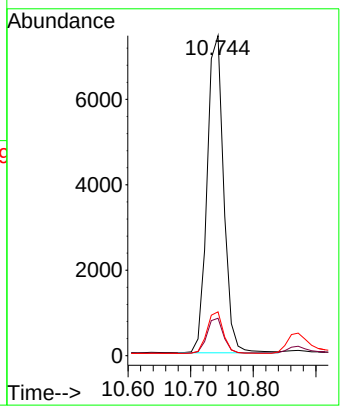


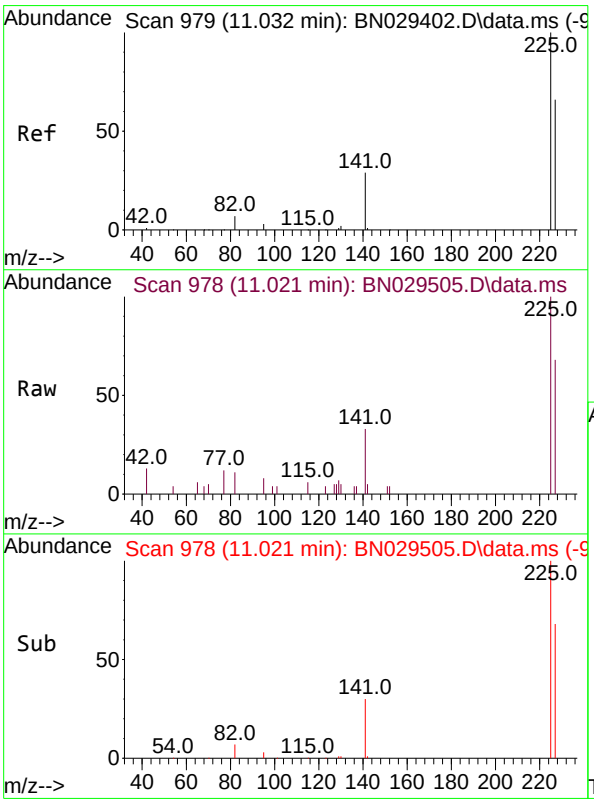
#9
Naphthalene
Concen: 0.324 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13670

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.7	10.8	16.2

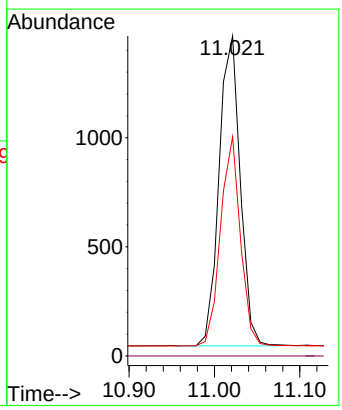


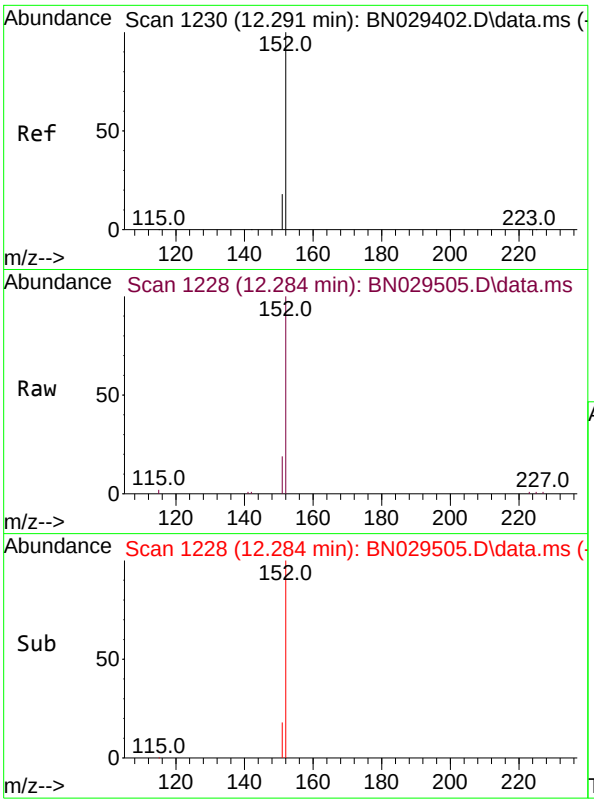


#10
Hexachlorobutadiene
Concen: 0.306 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:225 Resp: 2448

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.1	76.7



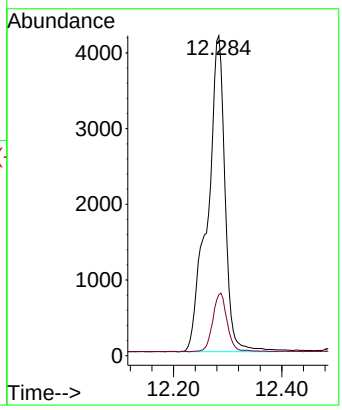


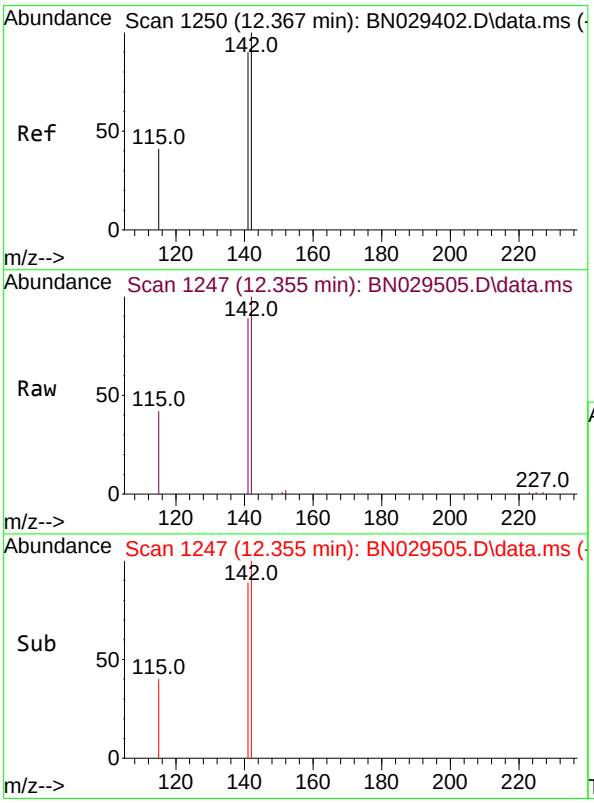
#11
2-Methylnaphthalene-d10
Concen: 0.463 ng
RT: 12.284 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9344

Ion	Ratio	Lower	Upper
152	100		
151	15.3	17.1	25.7#

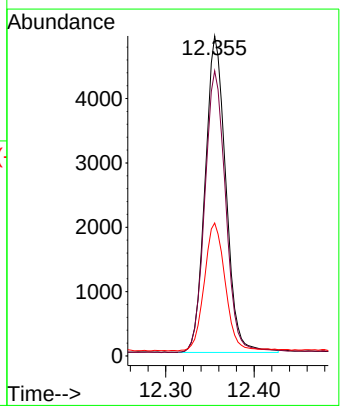


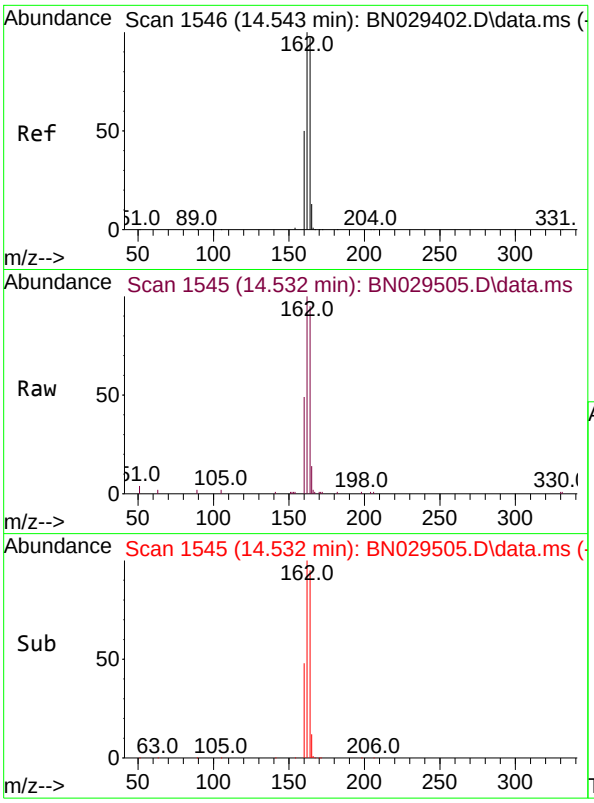


#12
2-Methylnaphthalene
Concen: 0.322 ng
RT: 12.355 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:142 Resp: 7979

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	41.5	33.9	50.9



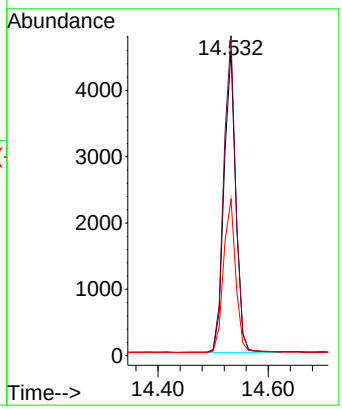


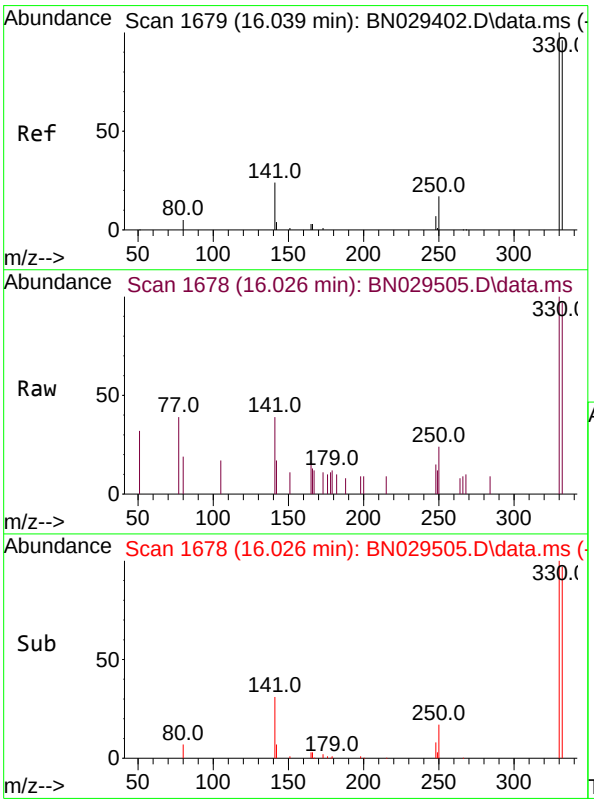
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6730

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	51.3	41.5	62.3

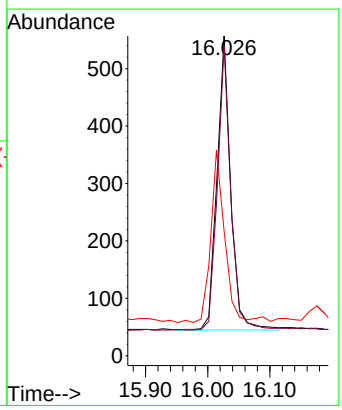


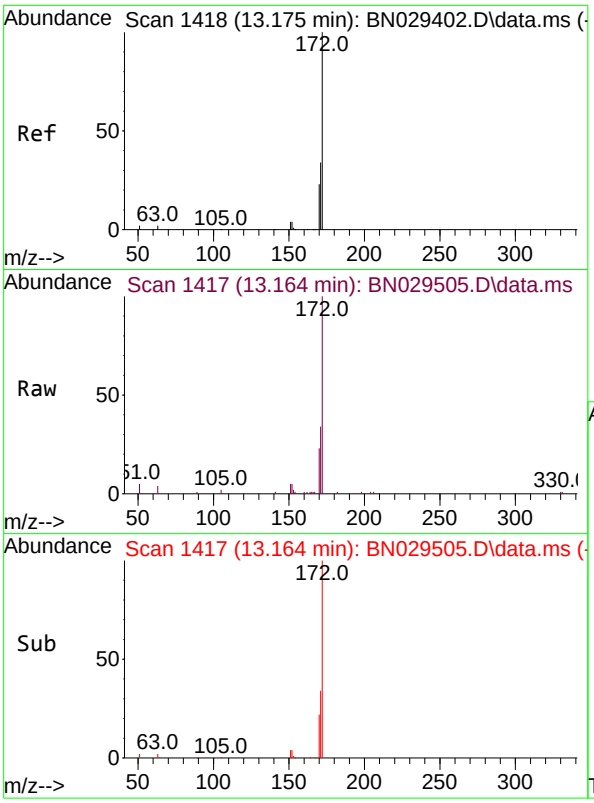


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 16.026 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:330 Resp: 784

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.0	114.0
141	58.7	43.4	65.2



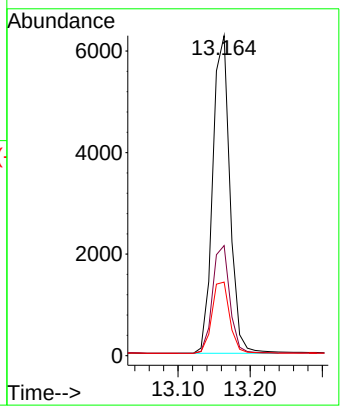


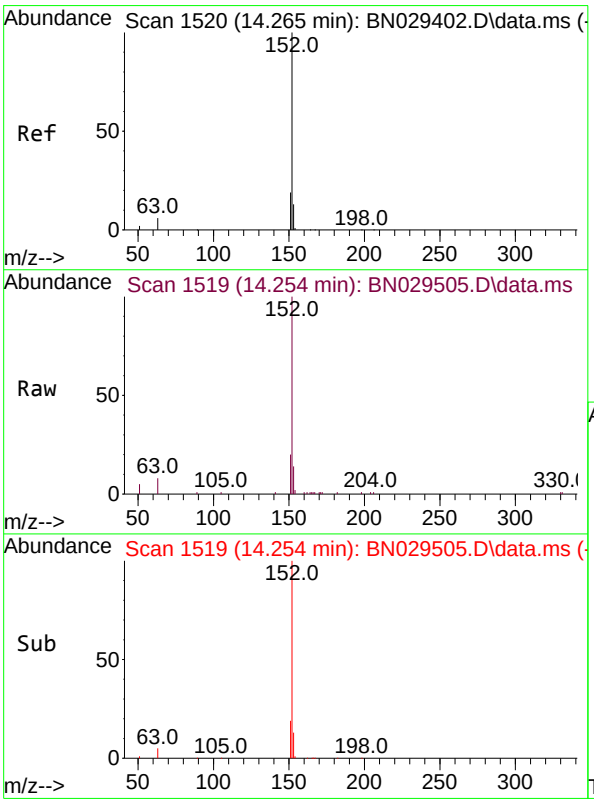
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10375

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.0	42.0
170	23.0	18.7	28.1

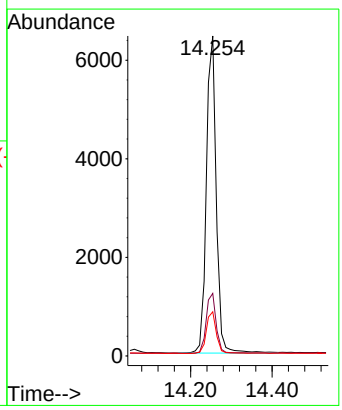


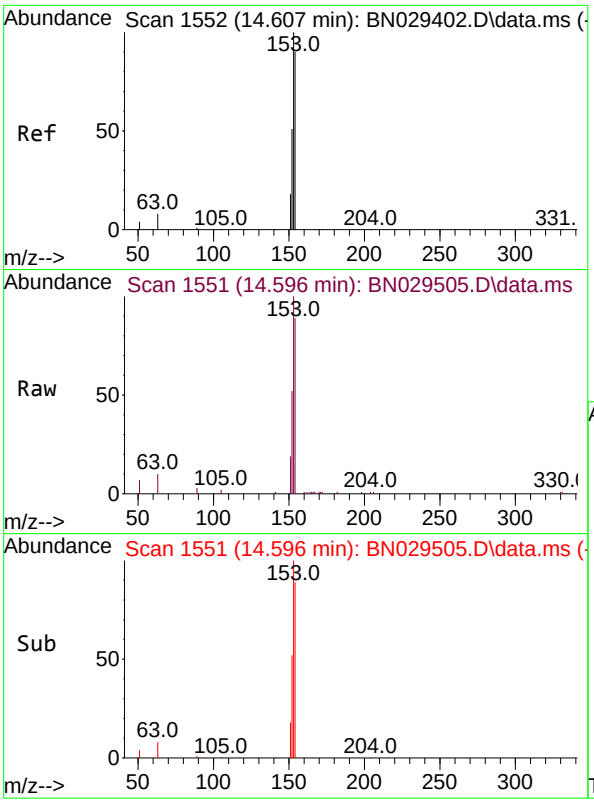


#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:152 Resp: 10876

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



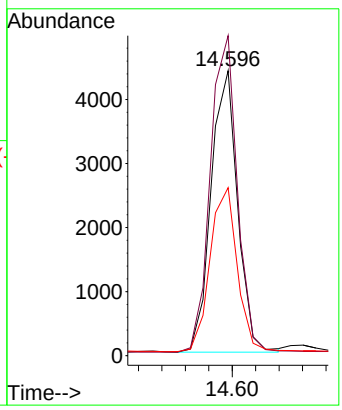


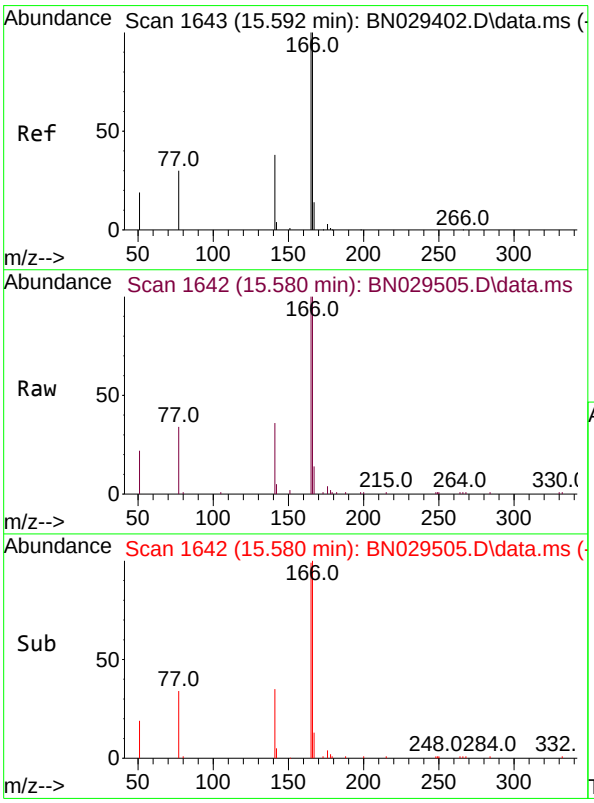
#17
Acenaphthene
Concen: 0.323 ng
RT: 14.596 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6924

Ion	Ratio	Lower	Upper
154	100		
153	114.3	93.6	140.4
152	60.3	48.6	73.0

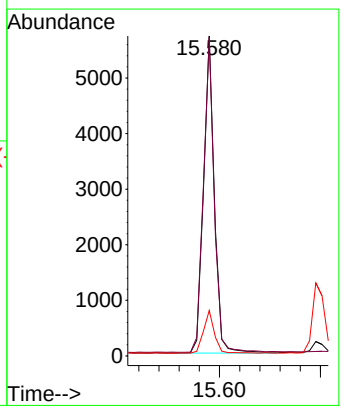


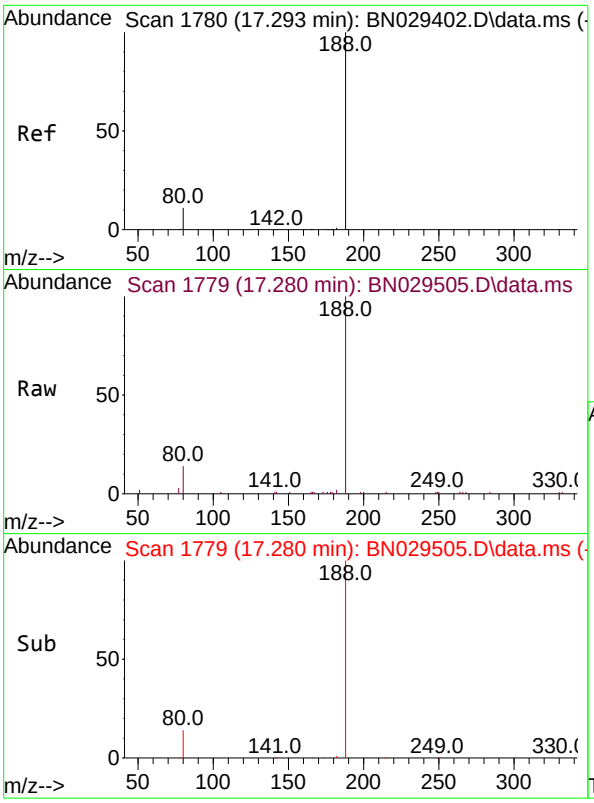


#18
Fluorene
Concen: 0.316 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:166 Resp: 8504

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.9	119.9
167	13.3	11.3	16.9



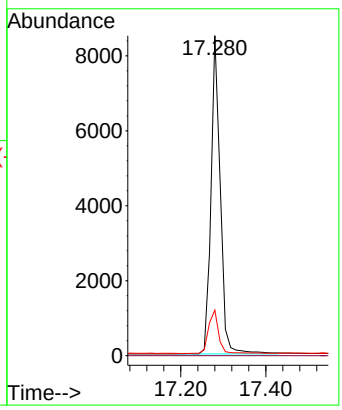


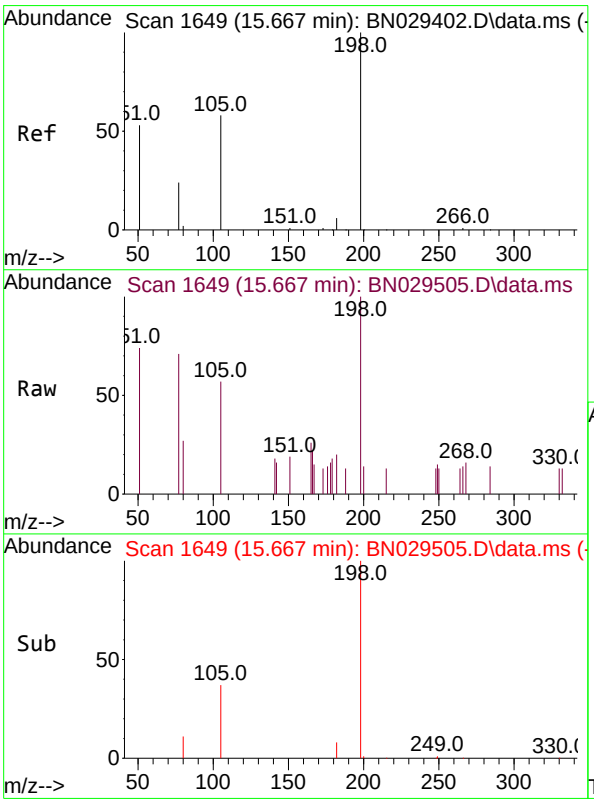
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 12850

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

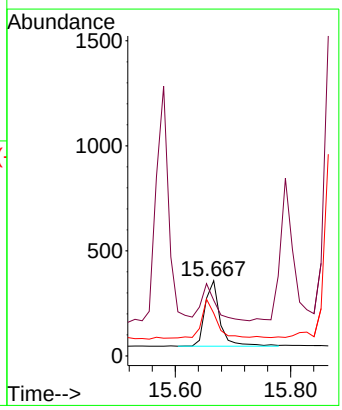


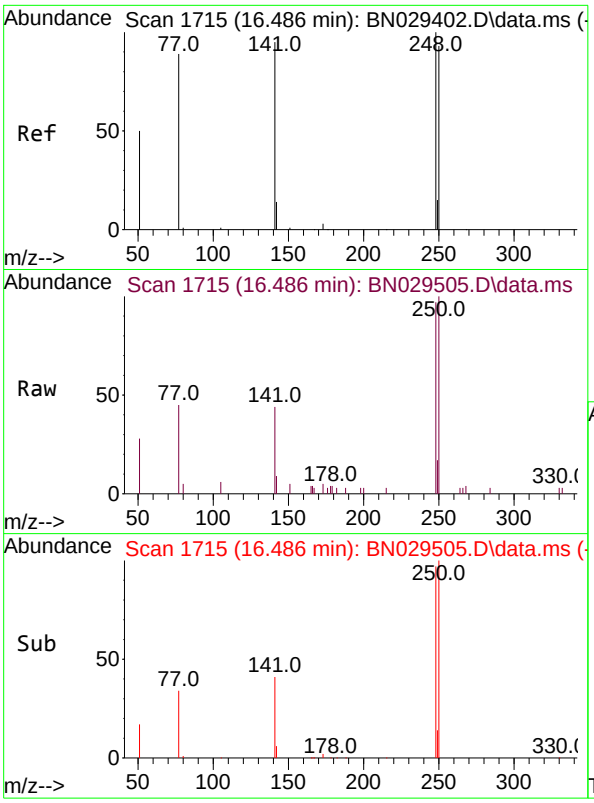


#20
4,6-Dinitro-2-methylphenol
Concen: 0.298 ng
RT: 15.667 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:198 Resp: 563

Ion	Ratio	Lower	Upper
198	100		
51	74.0	111.0	166.6#
105	56.7	67.0	100.6#



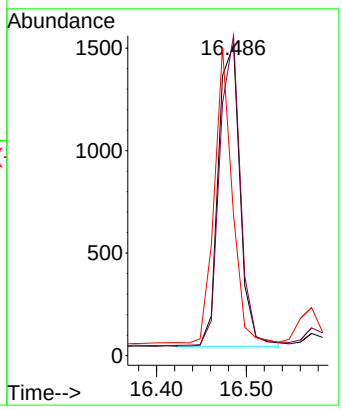


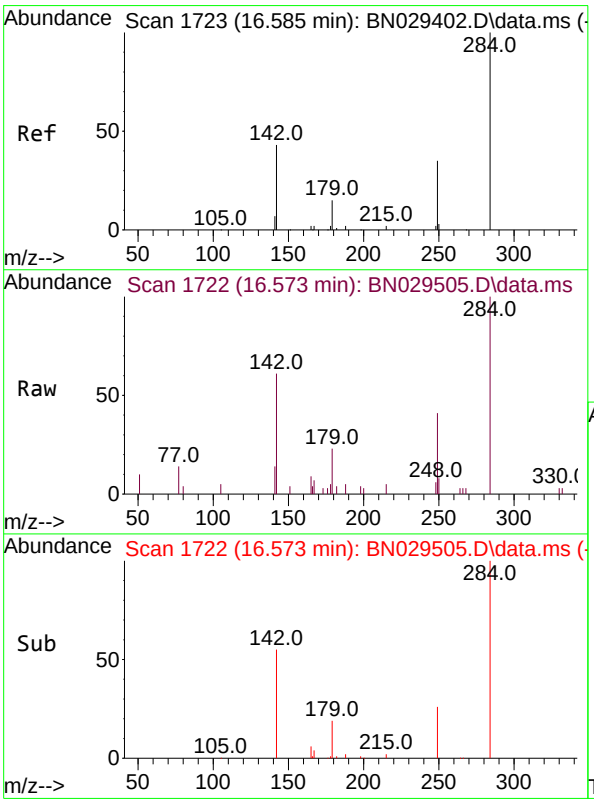
#21
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2476

Ion	Ratio	Lower	Upper
248	100		
250	102.8	75.0	112.4
141	45.2	77.0	115.6#

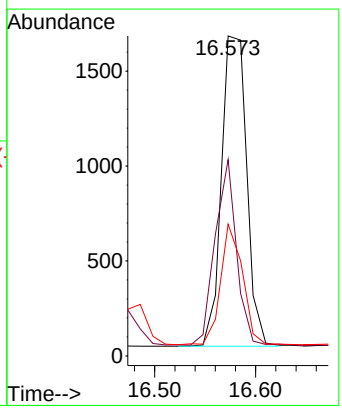


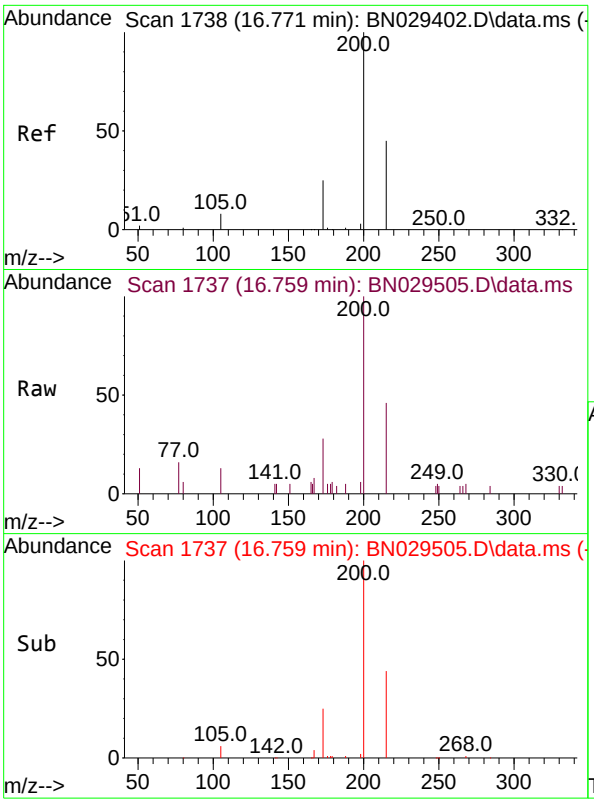


#22
Hexachlorobenzene
Concen: 0.303 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:284 Resp: 2840

Ion	Ratio	Lower	Upper
284	100		
142	50.1	39.4	59.2
249	33.7	26.9	40.3



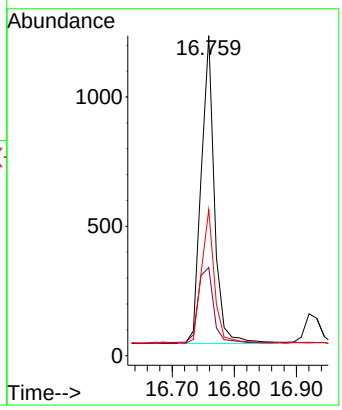


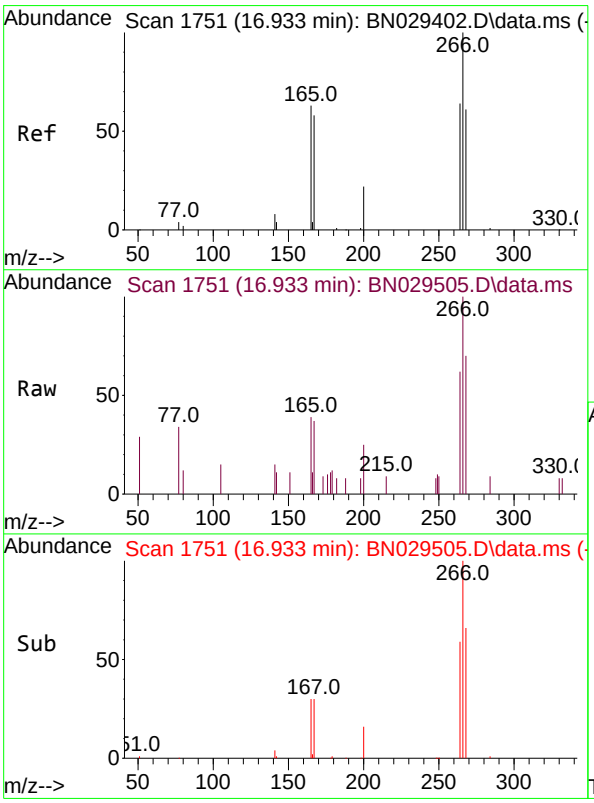
#23
Atrazine
Concen: 0.325 ng
RT: 16.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1766

Ion	Ratio	Lower	Upper
200	100		
173	27.6	23.4	35.0
215	45.7	38.4	57.6

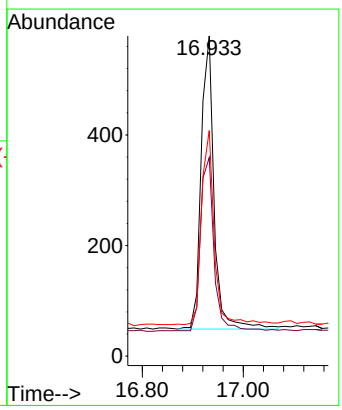


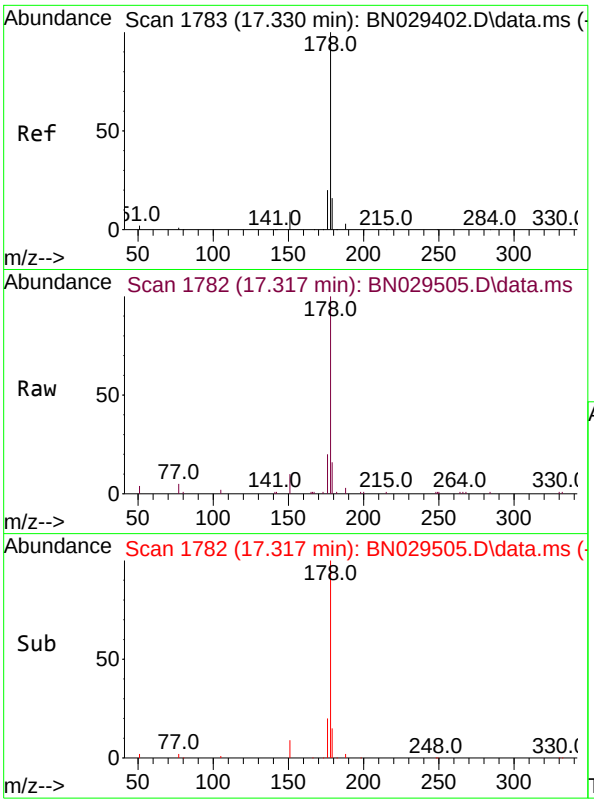


#24
Pentachlorophenol
Concen: 0.318 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:266 Resp: 946

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.8	76.2
268	65.6	51.5	77.3



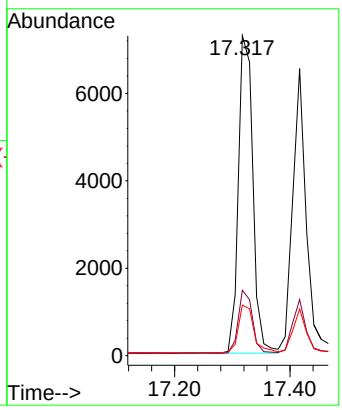


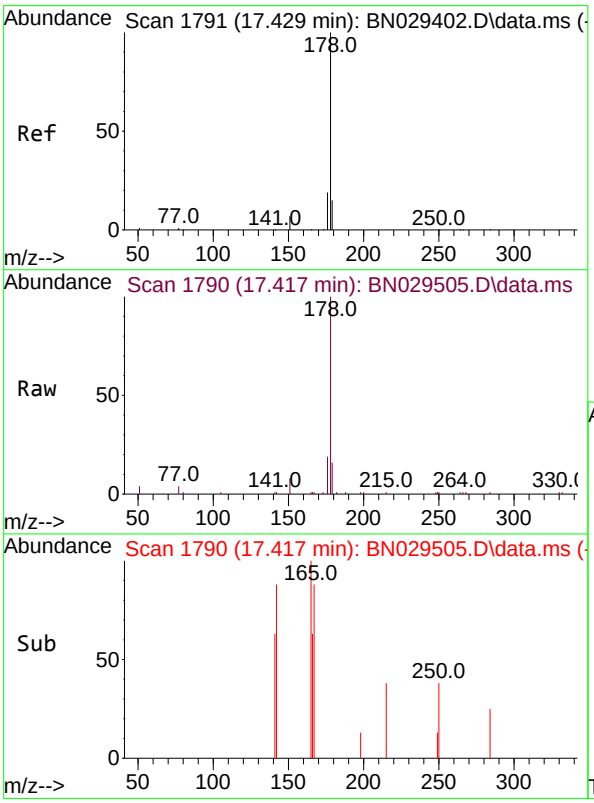
#25
Phenanthrene
Concen: 0.333 ng
RT: 17.317 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12667

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.8	12.6	19.0

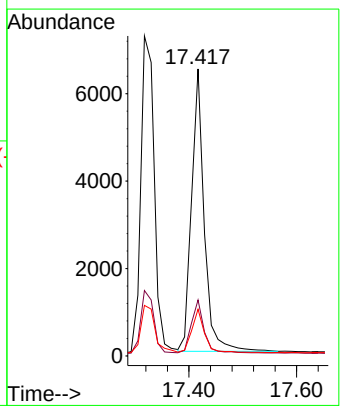


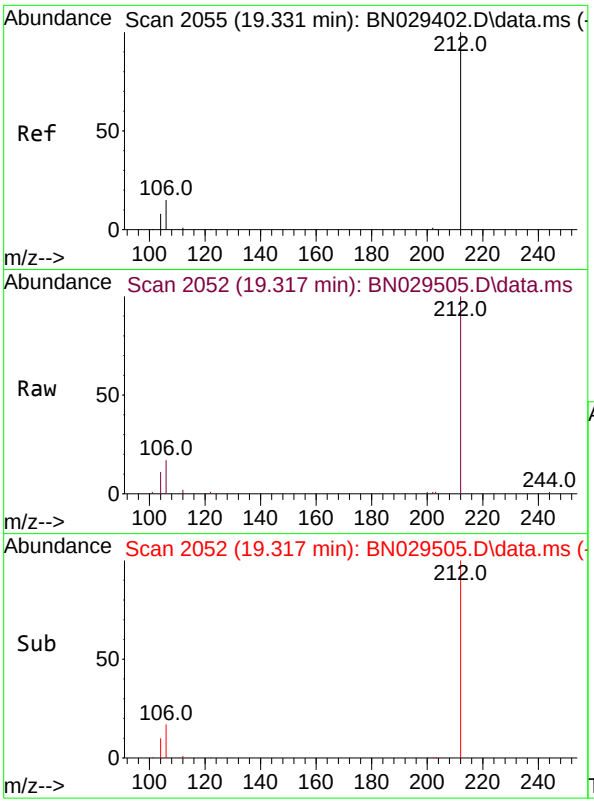


#26
Anthracene
Concen: 0.327 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:178 Resp: 10595

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.3	18.5



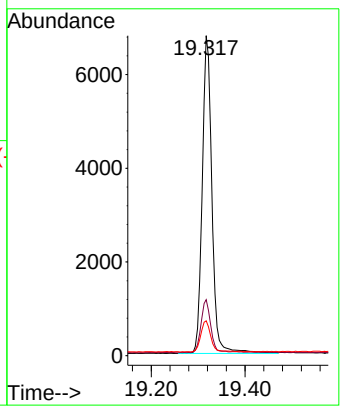


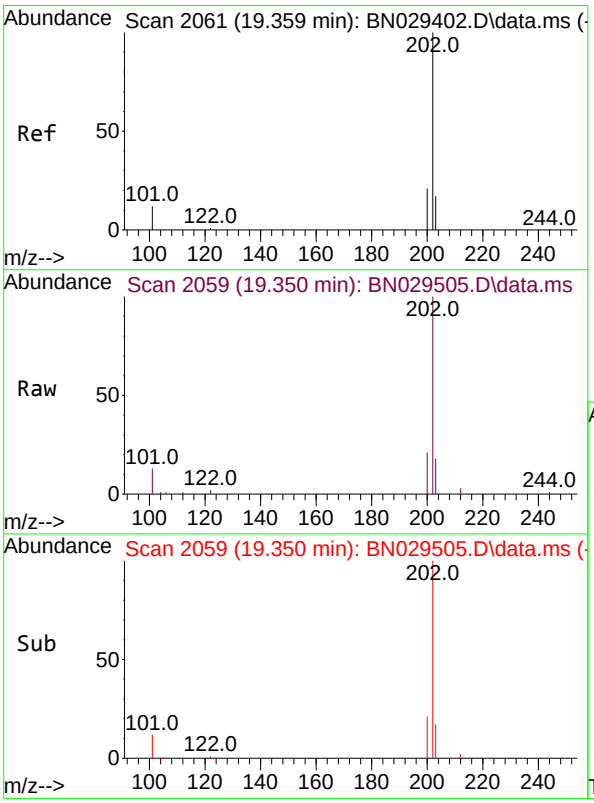
#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.317 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 9737

Ion	Ratio	Lower	Upper
212	100		
106	16.5	13.2	19.8
104	9.7	7.7	11.5

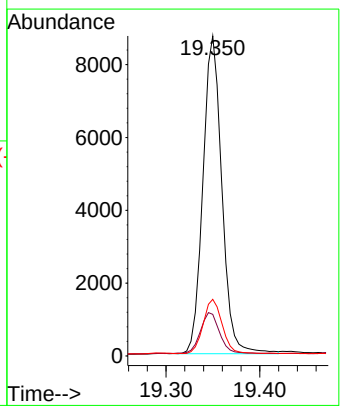


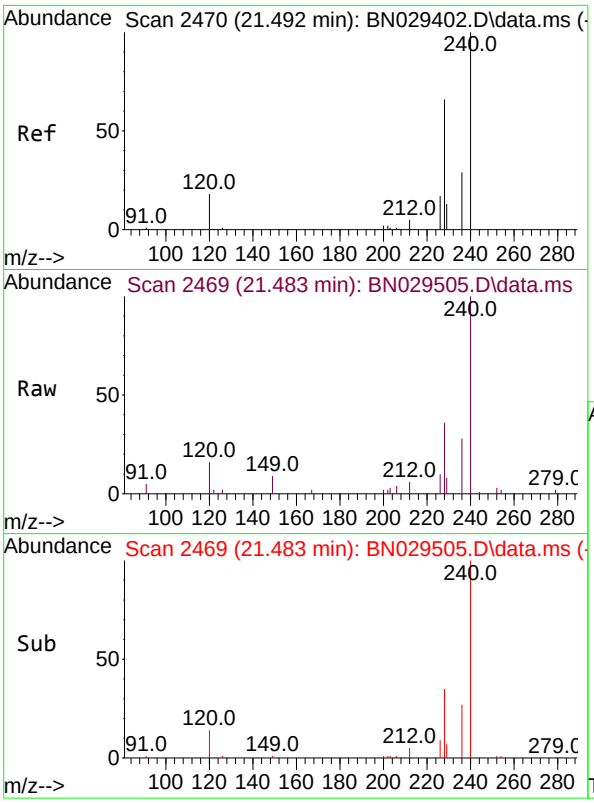


#28
Fluoranthene
Concen: 0.287 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:202 Resp: 12259

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
203	17.1	13.5	20.3



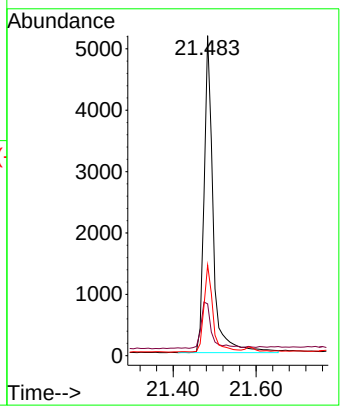


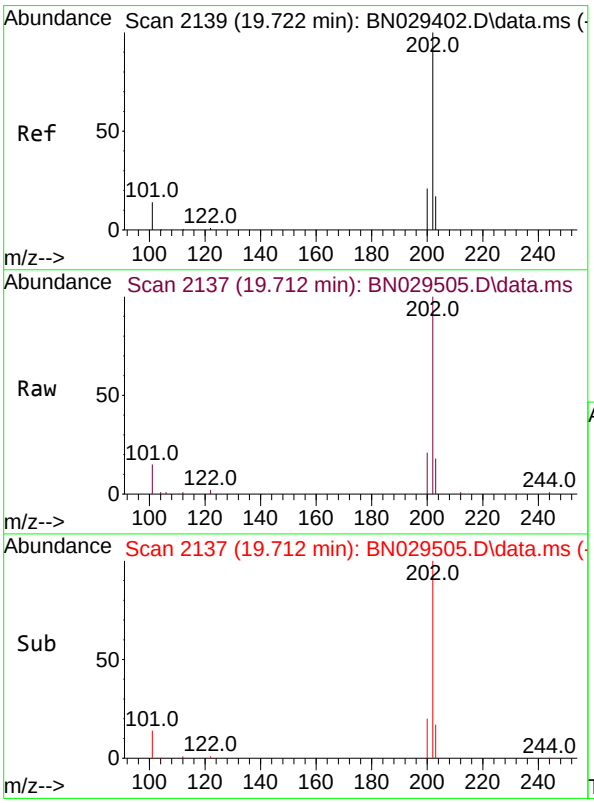
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7839

Ion	Ratio	Lower	Upper
240	100		
120	16.2	16.7	25.1#
236	28.3	23.9	35.9

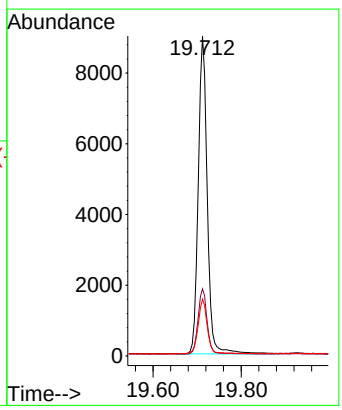


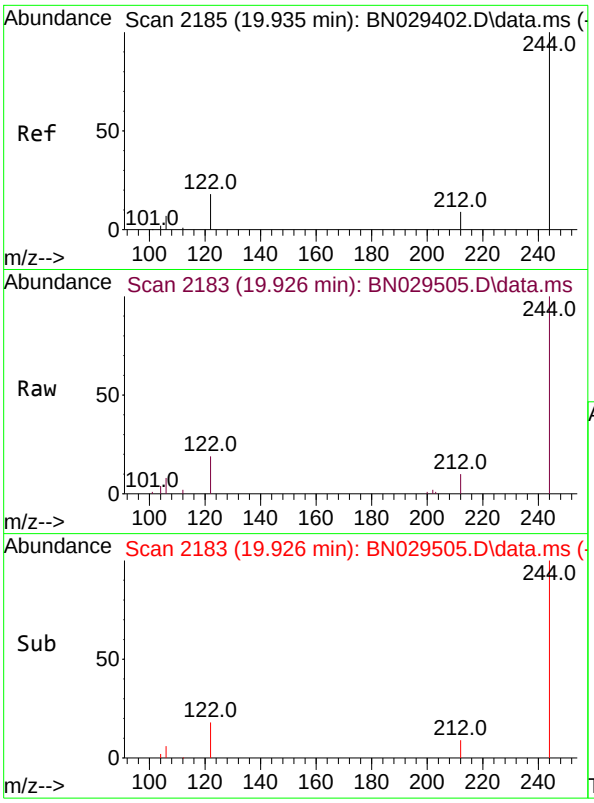


#30
Pyrene
Concen: 0.353 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:202 Resp: 12753

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	17.2	14.2	21.4



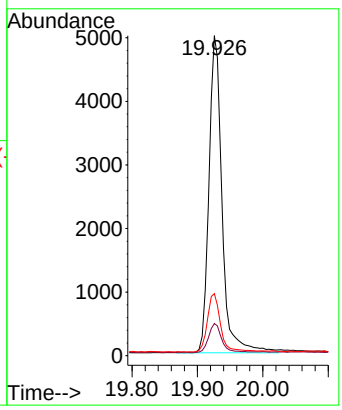


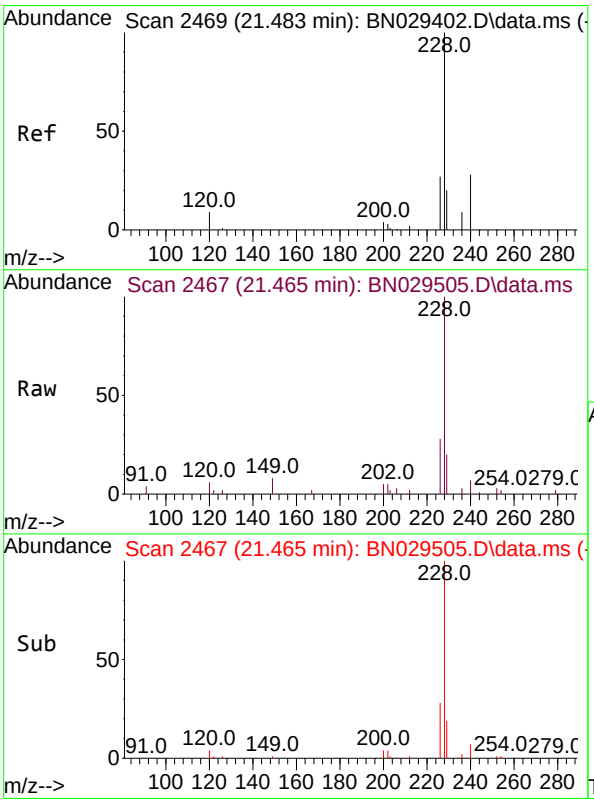
#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6934

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.2	12.4
122	19.4	15.6	23.4

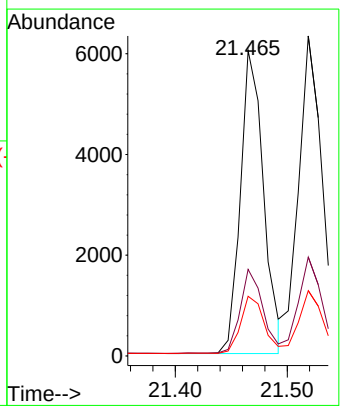


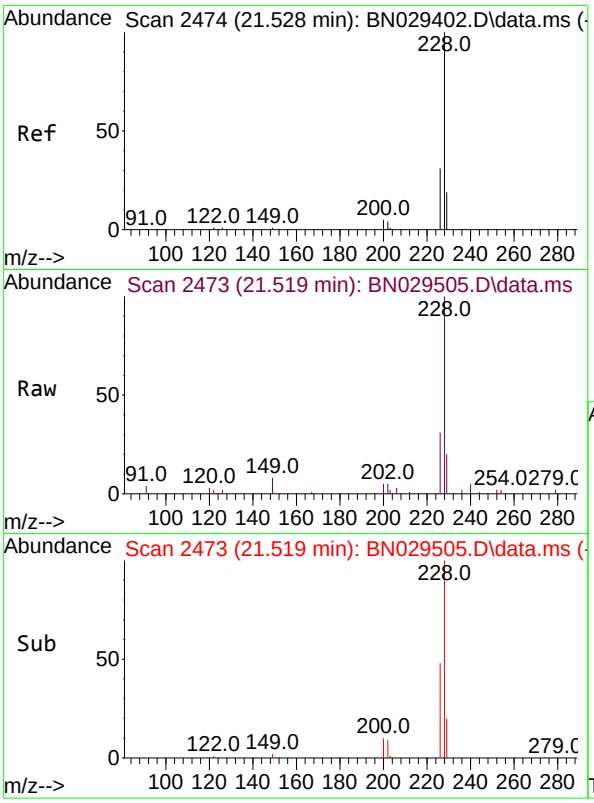


#32
Benzo(a)anthracene
Concen: 0.324 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:228 Resp: 8665

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	19.6	16.5	24.7



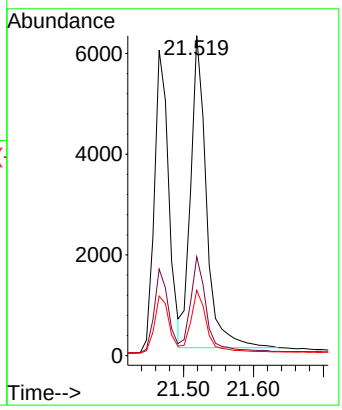


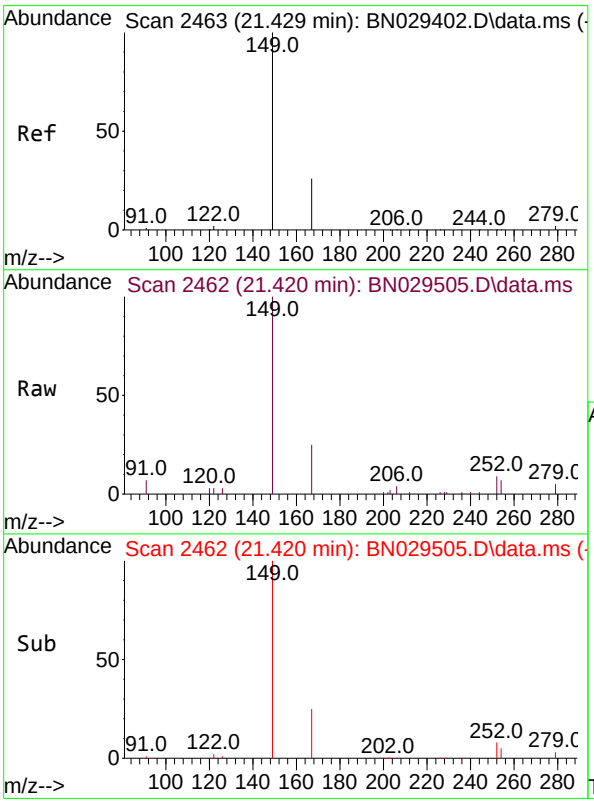
#33
Chrysene
Concen: 0.318 ng
RT: 21.519 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9687

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.4	15.9	23.9

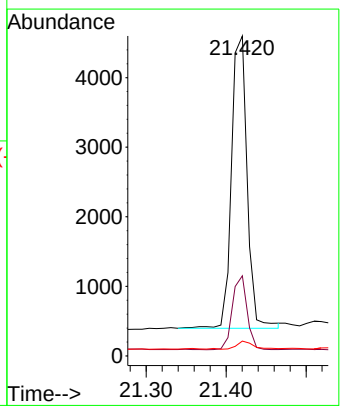


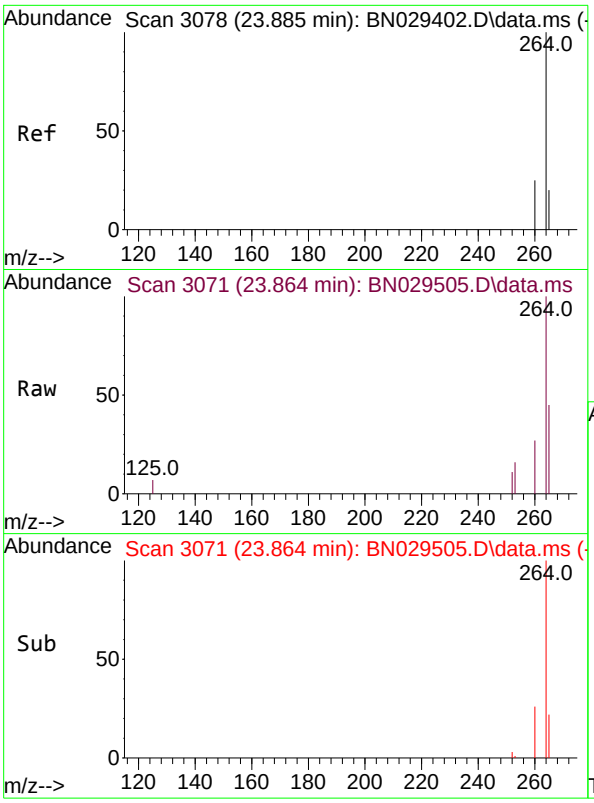


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.313 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:149 Resp: 5708

Ion	Ratio	Lower	Upper
149	100		
167	23.7	20.1	30.1
279	2.9	2.5	3.7



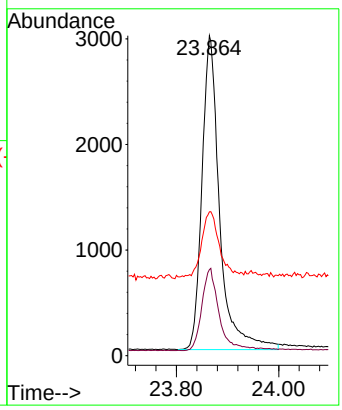


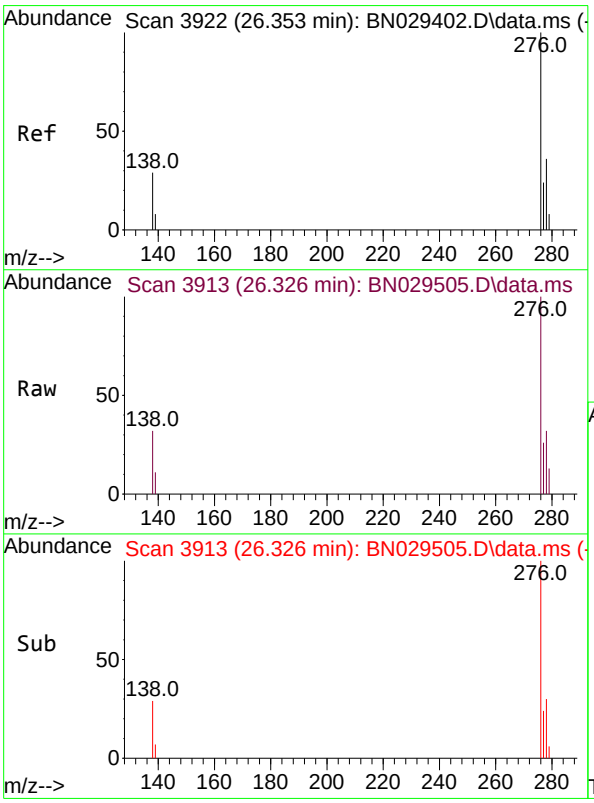
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.864 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 7114

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	45.0	41.5	62.3

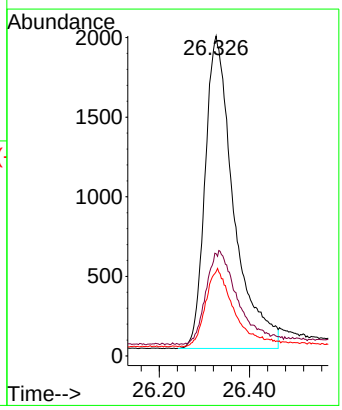


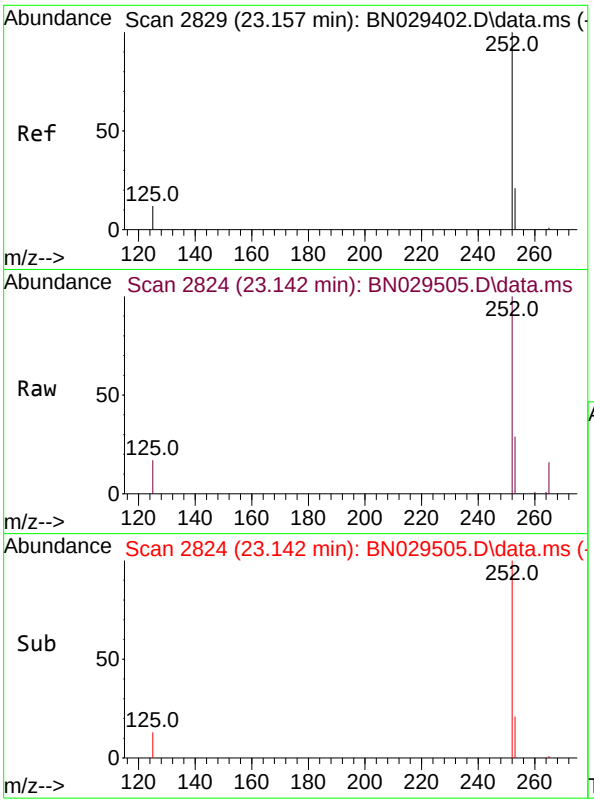


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng
RT: 26.326 min Scan# 3913
Delta R.T. -0.009 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:276 Resp: 8625

Ion	Ratio	Lower	Upper
276	100		
138	33.0	20.5	30.7#
277	24.2	17.0	25.4



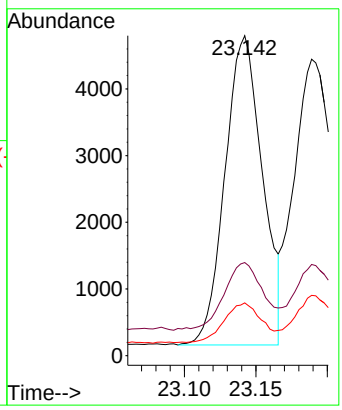


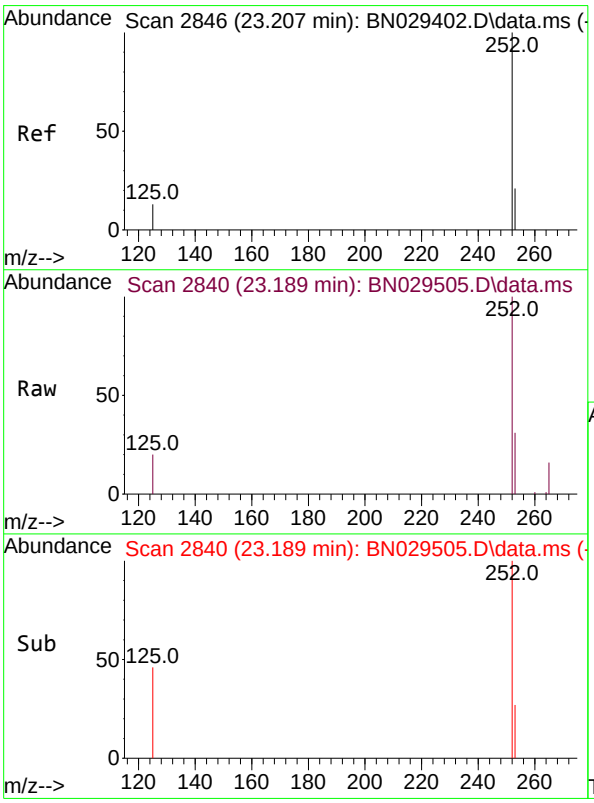
#37
Benzo(b)fluoranthene
Concen: 0.332 ng
RT: 23.142 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8449

Ion	Ratio	Lower	Upper
252	100		
253	29.1	21.7	32.5
125	16.5	13.3	19.9

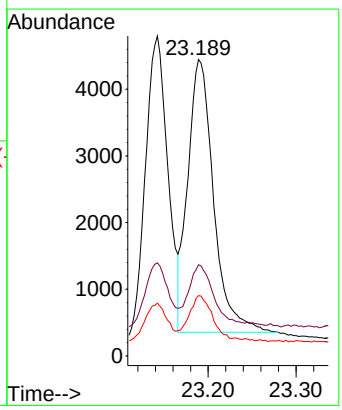


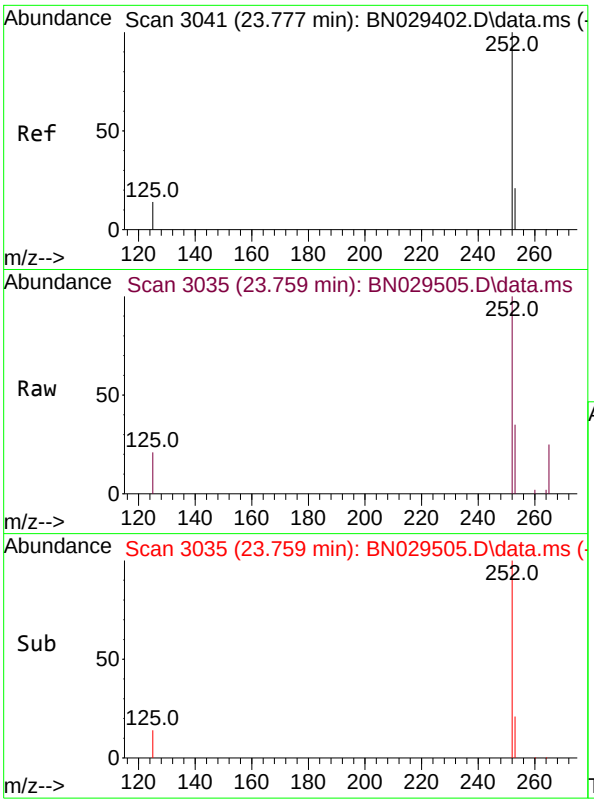


#38
Benzo(k)fluoranthene
Concen: 0.314 ng
RT: 23.189 min Scan# 2840
Delta R.T. -0.009 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:252 Resp: 8353

Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.8	32.8
125	20.4	13.9	20.9



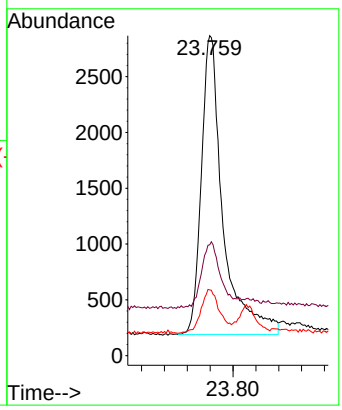


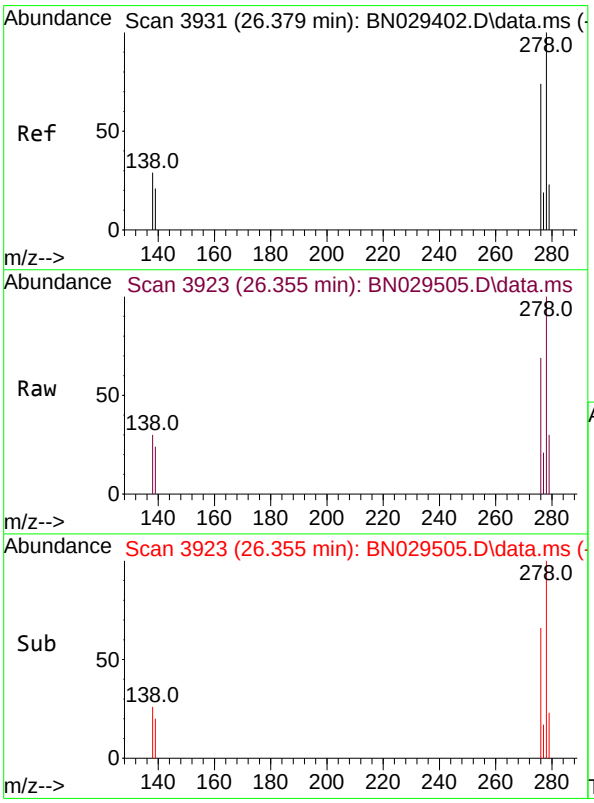
#39
Benzo(a)pyrene
Concen: 0.316 ng
RT: 23.759 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7016

Ion	Ratio	Lower	Upper
252	100		
253	34.6	24.9	37.3
125	20.5	16.6	25.0

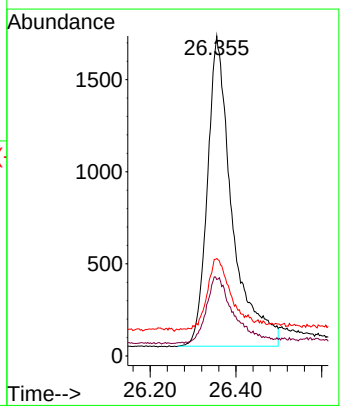


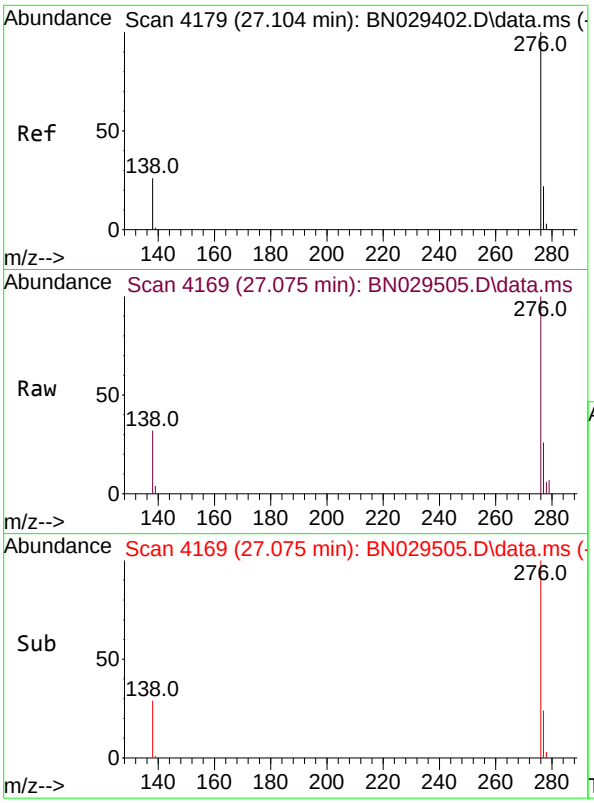


#40
Dibenzo(a,h)anthracene
Concen: 0.297 ng
RT: 26.355 min Scan# 3923
Delta R.T. -0.009 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Tgt Ion:278 Resp: 6753

Ion	Ratio	Lower	Upper
278	100		
139	23.9	20.4	30.6
279	30.5	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.287 ng
RT: 27.075 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN029505.D
Acq: 05 Feb 2024 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7954

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.4	29.2
138	31.6	23.5	35.3