Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037325.D
Acq On : 18 Jun 2025 22:39
Operator : RC/JU
Sample : Q2329-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 19 02:40:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	552	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	1224	0.400	ng		0.00
13) Acenaphthene-d10	14.224	164	954	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	1976	0.400	ng		0.00
29) Chrysene-d12	21.171	240	2039	0.400	ng		0.00
35) Perylene-d12	23.357	264	2136	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	175	0.174	ng		0.00
5) Phenol-d6	6.766	99	89	0.090	ng		0.00
8) Nitrobenzene-d5	8.728	82	328	0.322	ng		0.00
11) 2-Methylnaphthalene-d10	11.950	152	825	0.415	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	269	0.382	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	1653	0.395	ng		0.00
27) Fluoranthene-d10	19.008	212	2771	0.442	ng		0.00
31) Terphenyl-d14	19.616	244	2279	0.487	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	760	1.542	ng	#	82
3) n-Nitrosodimethylamine	3.408	42	15	0.026	ng	#	1
6) bis(2-Chloroethyl)ether	7.012	93	5	0.006	ng	#	58
9) Naphthalene	10.404	128	97	0.031	ng	#	14
10) Hexachlorobutadiene	10.746	225	3	0.002	ng	#	62
12) 2-Methylnaphthalene	12.031	142	67	0.030	ng	#	82
16) Acenaphthylene	13.946	152	20	0.005	ng	#	53
17) Acenaphthene	14.288	154	76	0.029	ng		94
18) Fluorene	15.282	166	271	0.072	ng		97
20) 4,6-Dinitro-2-methylph...	15.389	198	5	0.008	ng	#	28
21) 4-Bromophenyl-phenylether	16.152	248	7	0.004	ng	#	68
22) Hexachlorobenzene	16.276	284	11	0.006	ng	#	40
23) Atrazine	16.400	200	7	0.005	ng	#	31
24) Pentachlorophenol	16.624	266	22	0.023	ng	#	71
25) Phenanthrene	17.009	178	2246	0.404	ng		99
26) Anthracene	17.009	178	2246	0.430	ng		99
28) Fluoranthene	19.040	202	1694	0.219	ng	#	95
30) Pyrene	19.402	202	926	0.119	ng	#	94
32) Benzo(a)anthracene	21.153	228	158	0.024	ng	#	41
33) Chrysene	21.206	228	214	0.026	ng	#	57
34) Bis(2-ethylhexyl)phtha...	21.099	149	438	0.163	ng		96
36) Indeno(1,2,3-cd)pyrene	25.570	276	9	0.001	ng	#	96
37) Benzo(b)fluoranthene	22.714	252	58	0.008	ng	#	1
38) Benzo(k)fluoranthene	22.775	252	8	0.001	ng	#	1
39) Benzo(a)pyrene	23.260	252	9	0.001	ng	#	1
40) Dibenzo(a,h)anthracene	25.567	278	1	0.000	ng	#	1
41) Benzo(g,h,i)perylene	26.202	276	3	0.000	ng	#	1

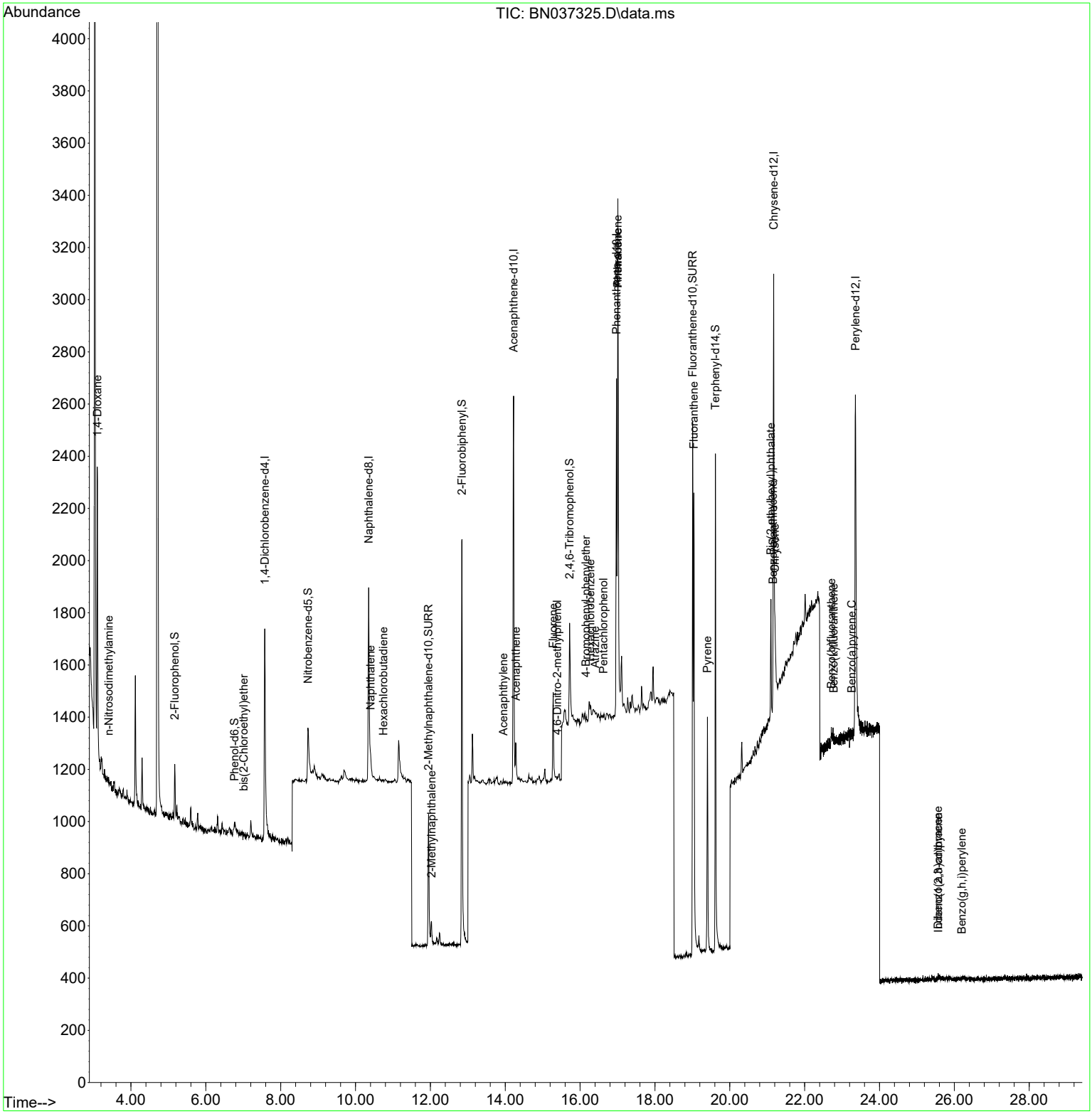
(#) = qualifier out of range (m) = manual integration (+) = signals summed

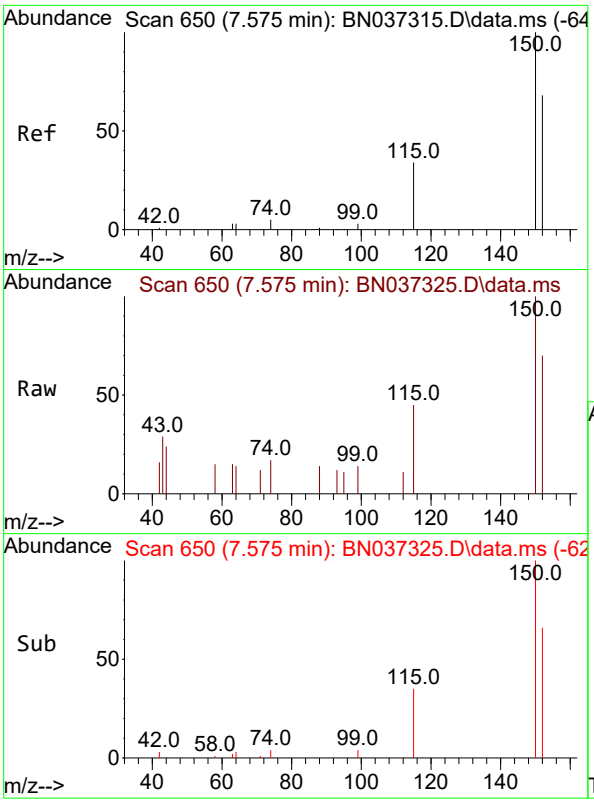
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037325.D
Acq On : 18 Jun 2025 22:39
Operator : RC/JU
Sample : Q2329-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 19 02:40:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration



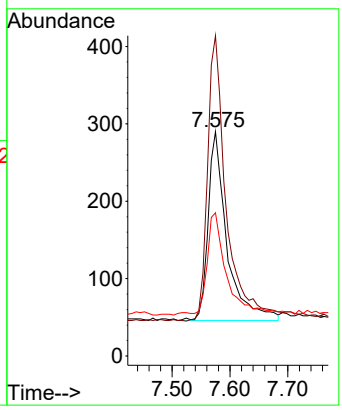


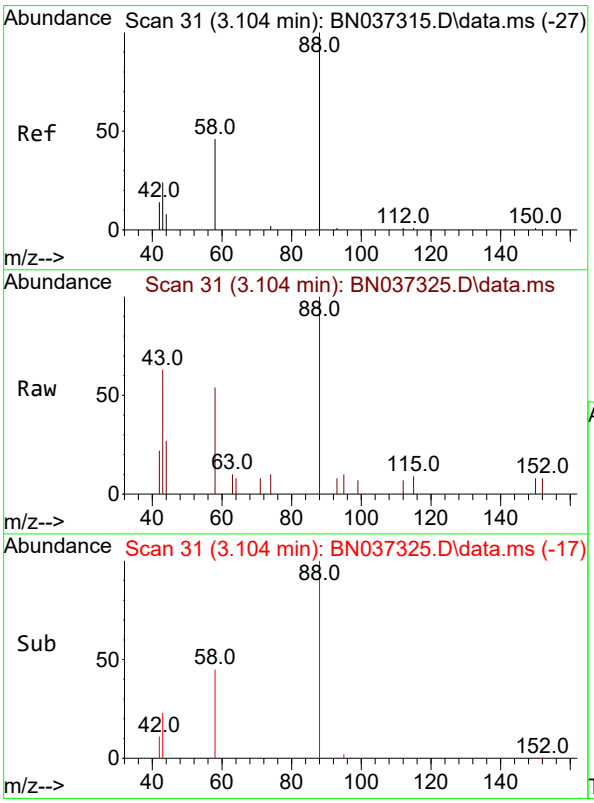
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 552

Ion	Ratio	Lower	Upper
152	100		
150	142.8	112.7	169.1
115	63.8	45.9	68.9

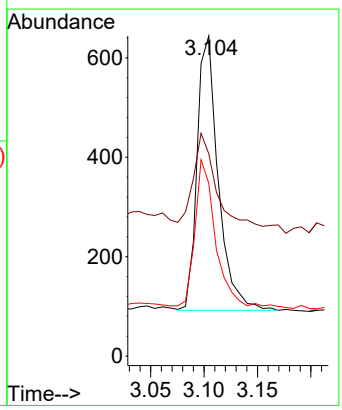


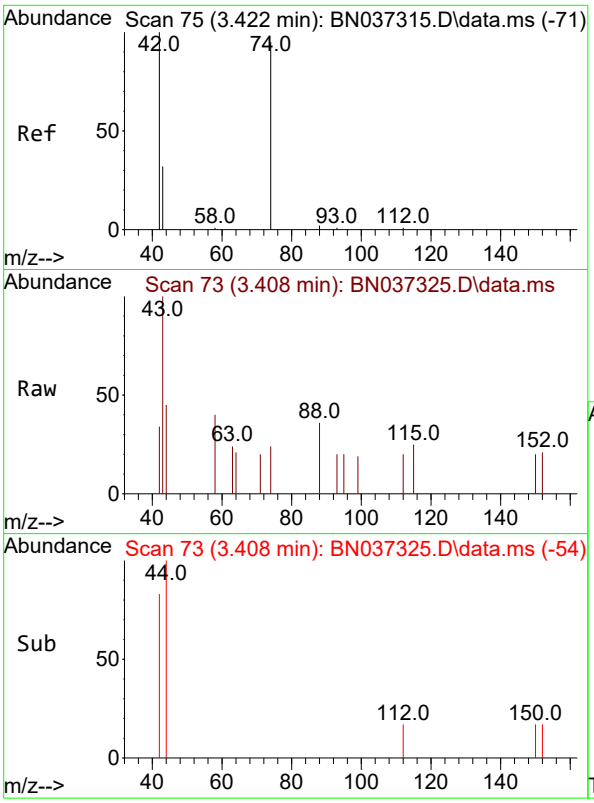


#2
1,4-Dioxane
Concen: 1.542 ng
RT: 3.104 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion: 88 Resp: 760

Ion	Ratio	Lower	Upper
88	100		
43	45.4	21.0	31.6#
58	52.5	38.0	57.0



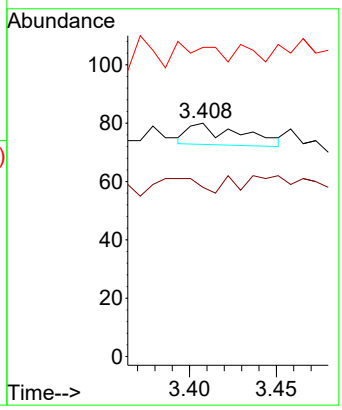


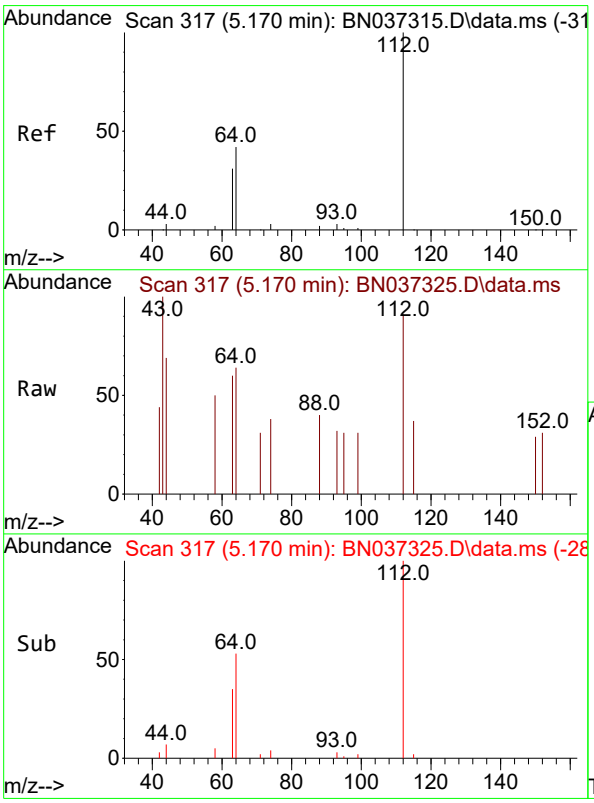
#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.408 min Scan# 7
Delta R.T. -0.015 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 15

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.3	126.5#
44	86.7	5.0	7.4#

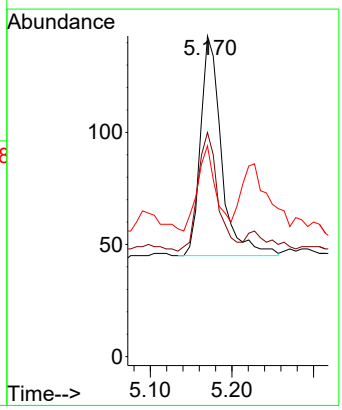


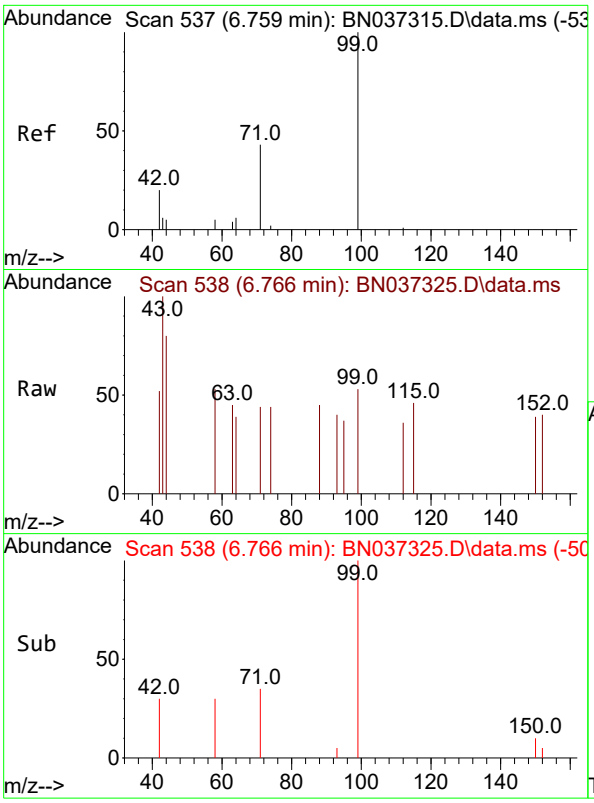


#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.170 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:112 Resp: 175

Ion	Ratio	Lower	Upper
112	100		
64	51.4	38.7	58.1
63	34.9	26.4	39.6



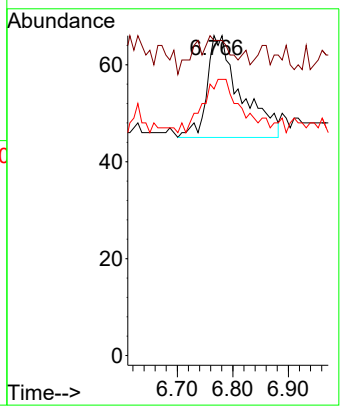


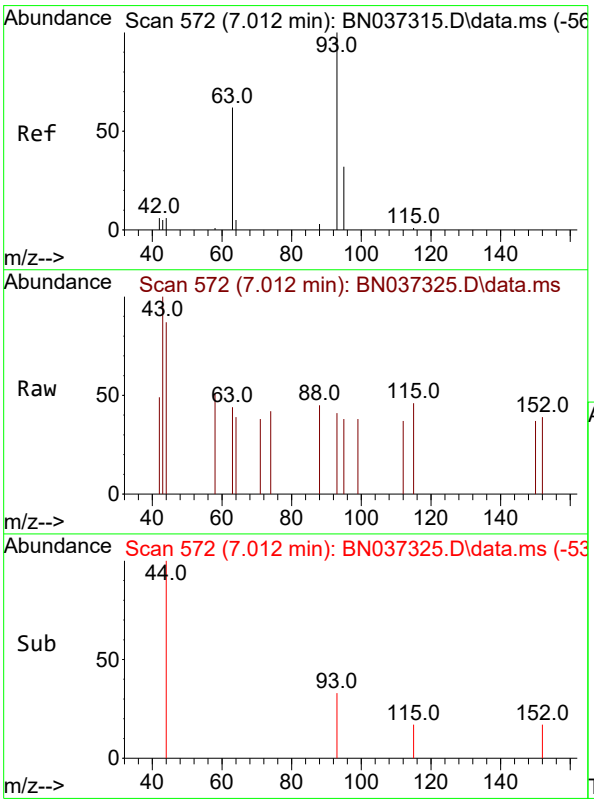
#5
Phenol-d6
Concen: 0.090 ng
RT: 6.766 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 89

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.8	29.8
71	55.1	42.6	64.0

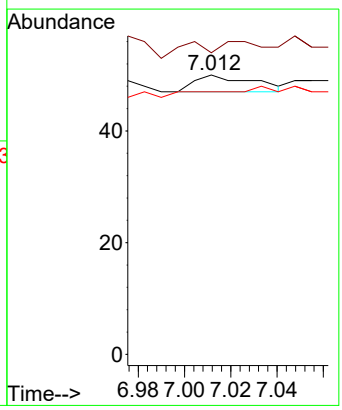


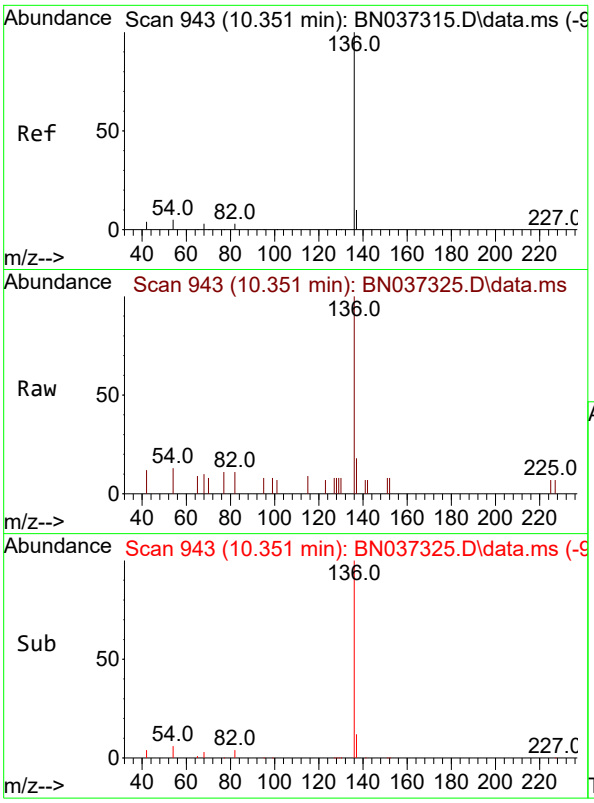


#6
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.012 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion: 93 Resp: 5

Ion	Ratio	Lower	Upper
93	100		
63	40.0	53.2	79.8#
95	0.0	27.3	40.9#



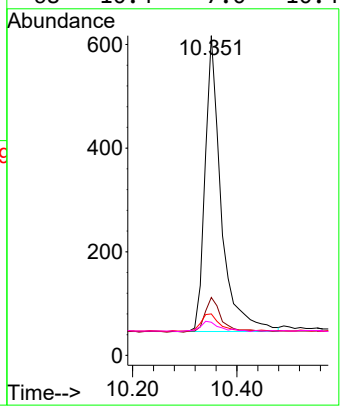


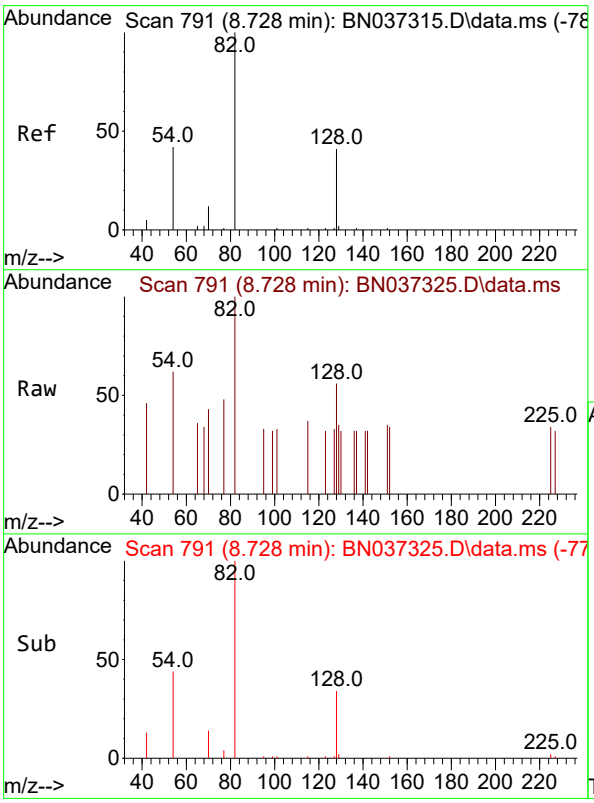
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 1224

Ion	Ratio	Lower	Upper
136	100		
137	18.2	12.2	18.2
54	13.0	8.8	13.2
68	10.4	7.0	10.4

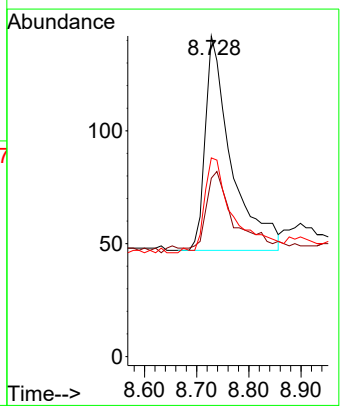


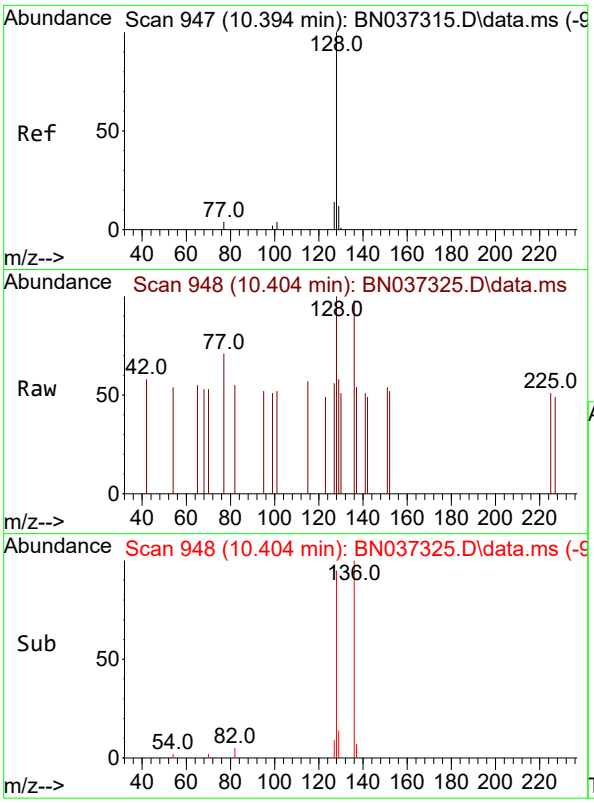


#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion: 82 Resp: 328

Ion	Ratio	Lower	Upper
82	100		
128	55.6	42.5	63.7
54	62.0	43.2	64.8



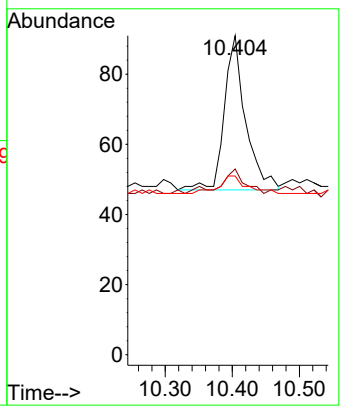


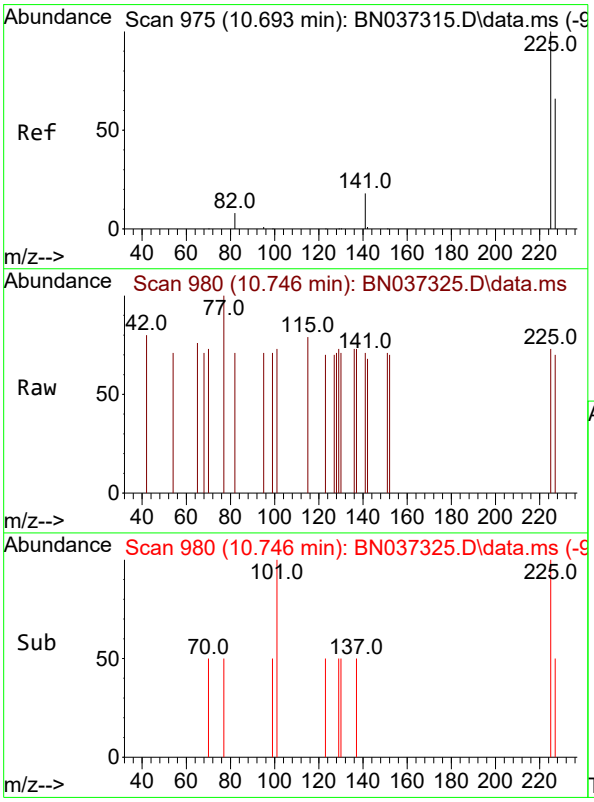
#9
Naphthalene
Concen: 0.031 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 97

Ion	Ratio	Lower	Upper
128	100		
129	58.2	14.0	21.0#
127	56.0	15.8	23.8#

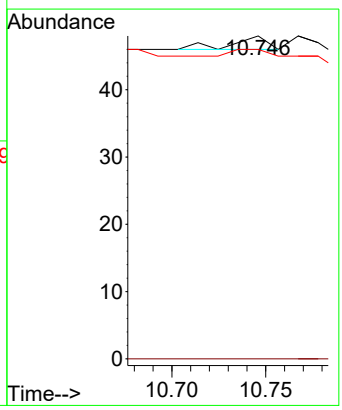


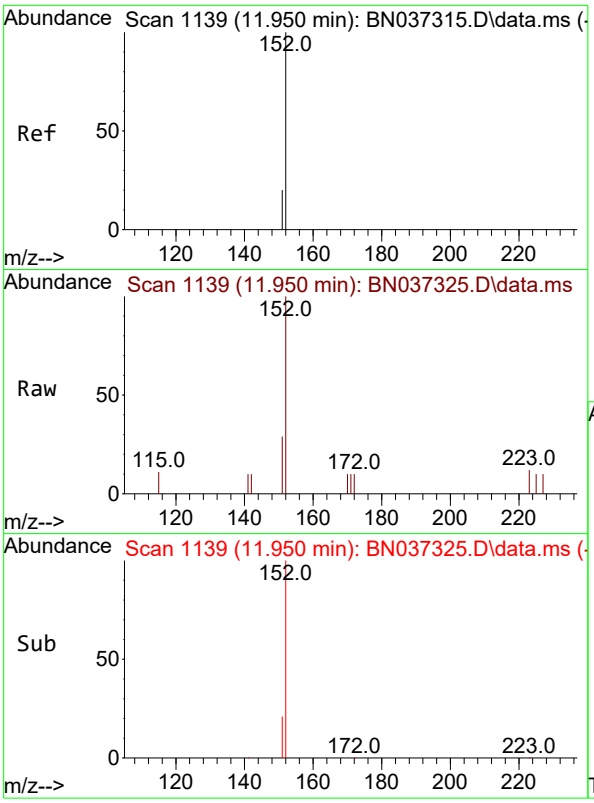


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.053 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	33.3	50.3	75.5#



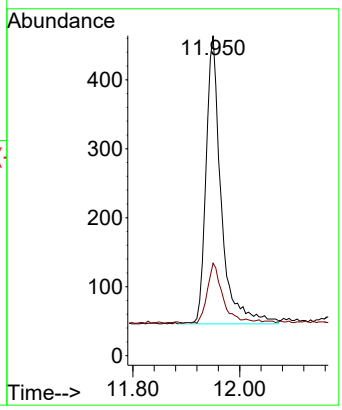


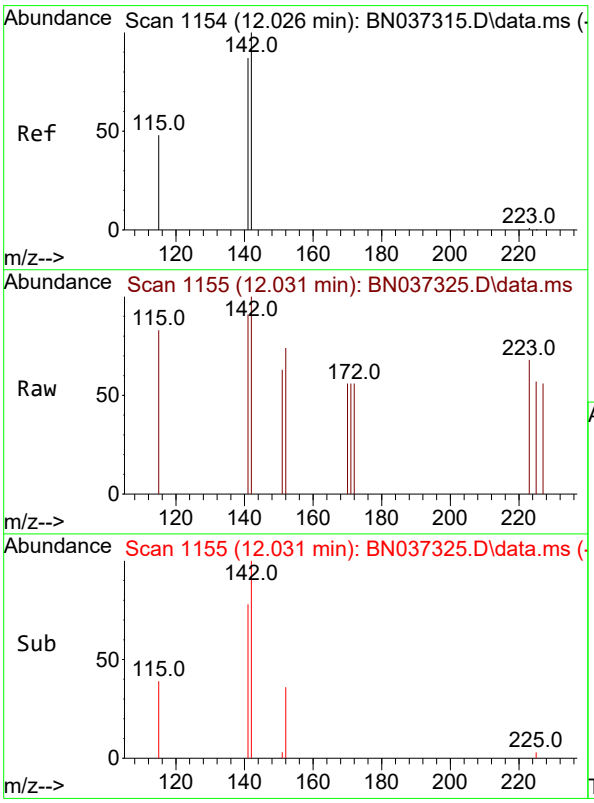
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 825

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.4	26.0

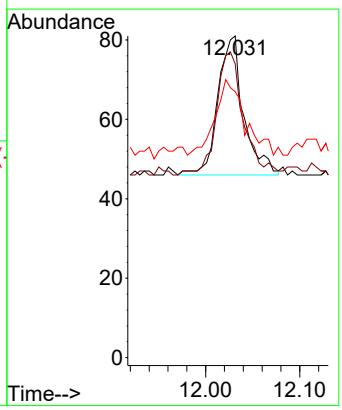


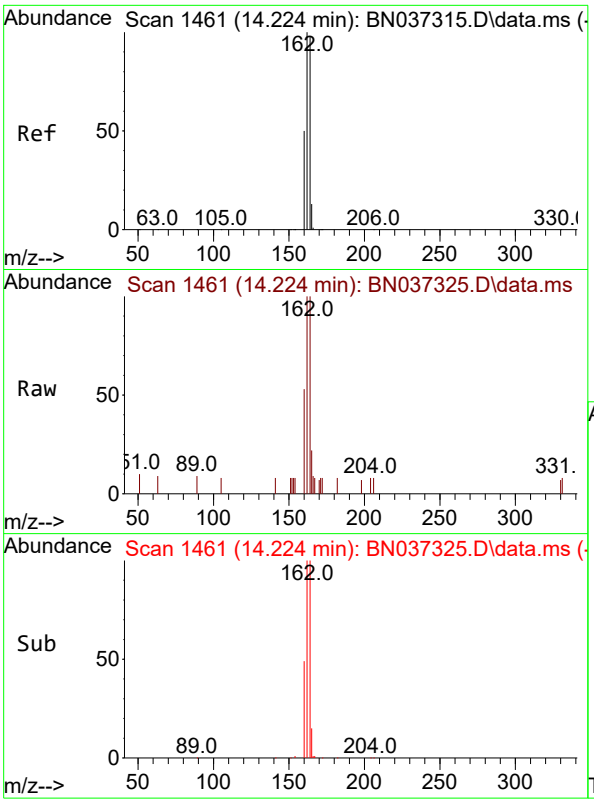


#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.031 min Scan# 1155
Delta R.T. 0.005 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:142 Resp: 67

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.2	105.2
115	82.7	43.0	64.4#



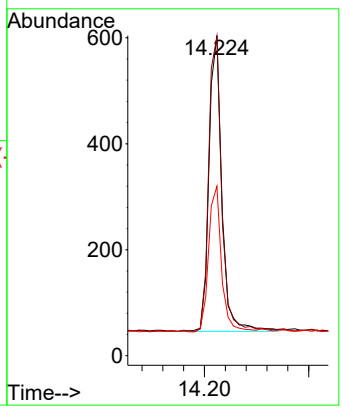


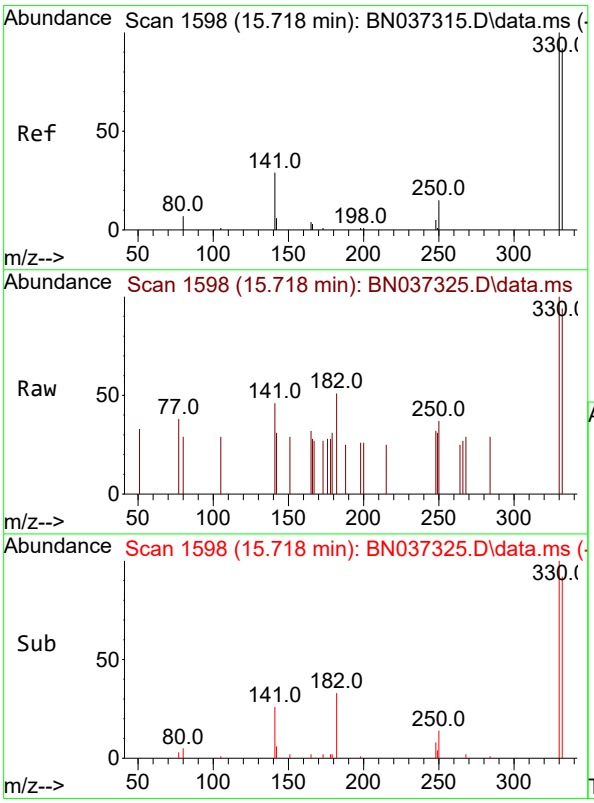
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 954

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.5	122.3
160	53.0	43.0	64.4

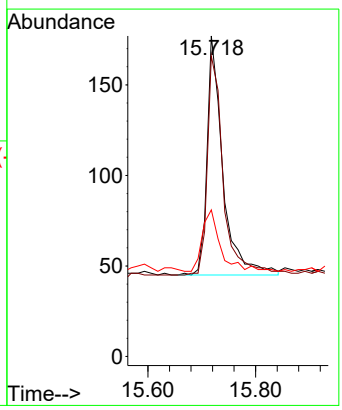


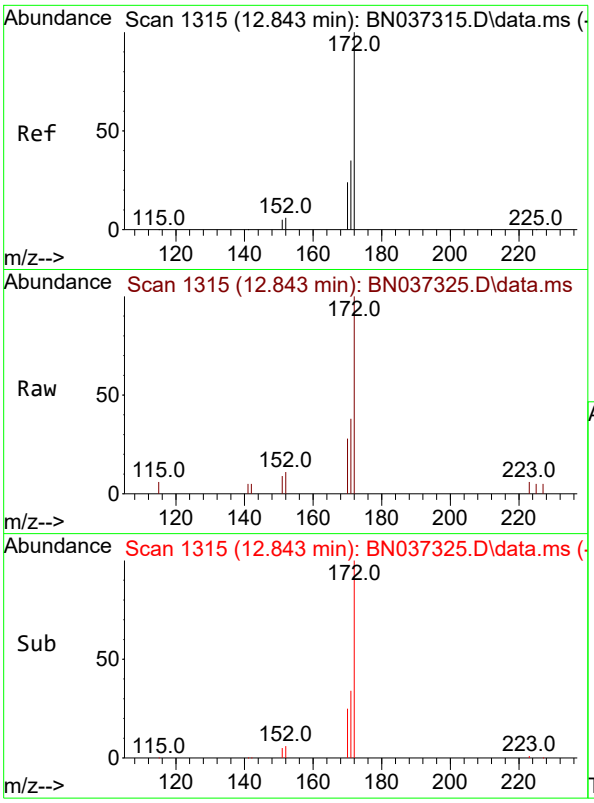


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:330 Resp: 269

Ion	Ratio	Lower	Upper
330	100		
332	93.3	78.4	117.6
141	29.7	24.4	36.6



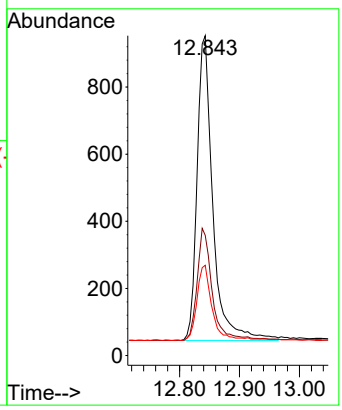


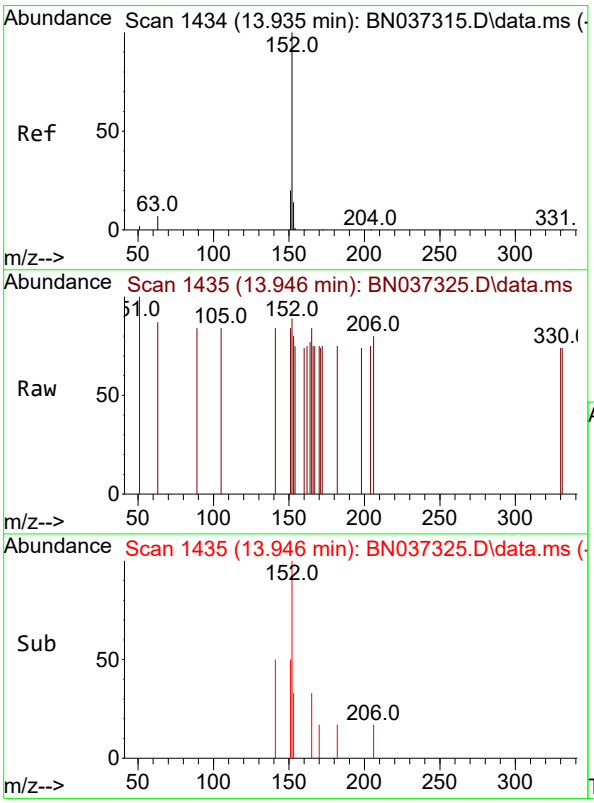
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.843 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1653

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	28.2	21.9	32.9

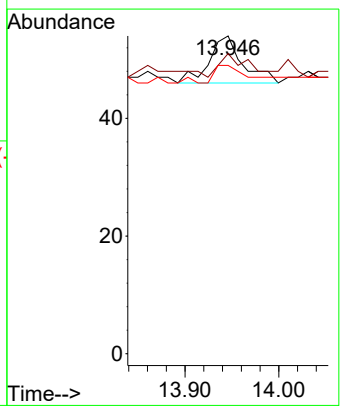


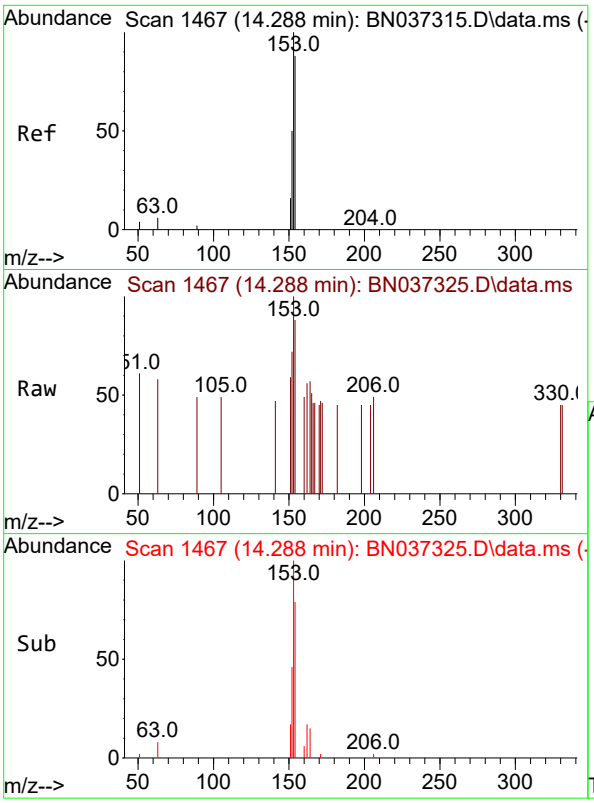


#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.946 min Scan# 1435
Delta R.T. 0.011 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:152 Resp: 20

Ion	Ratio	Lower	Upper
152	100		
151	40.0	16.6	24.8#
153	35.0	10.2	15.2#



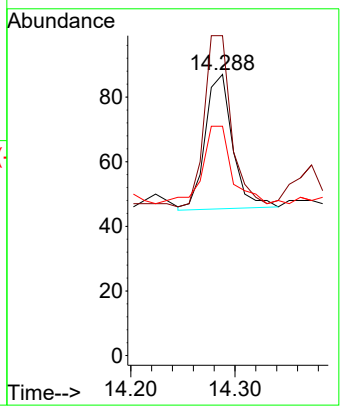


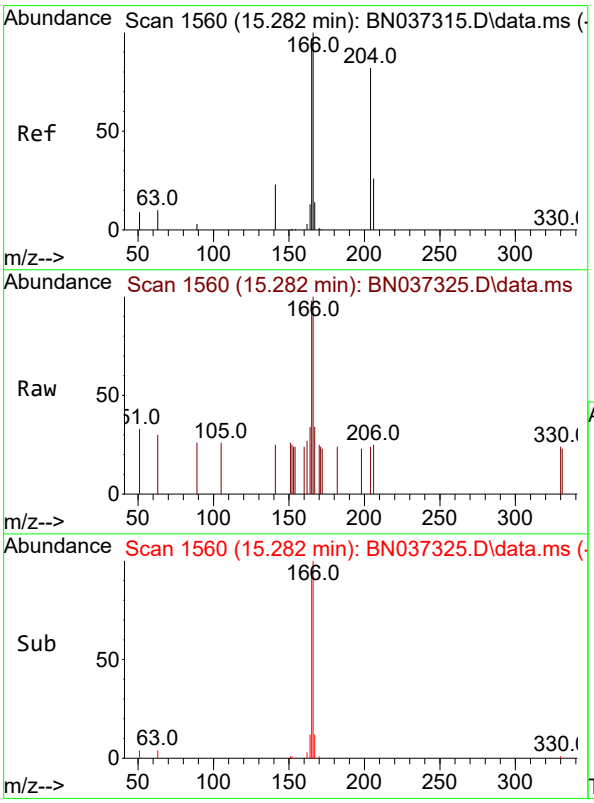
#17
Acenaphthene
Concen: 0.029 ng
RT: 14.288 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 76

Ion	Ratio	Lower	Upper
154	100		
153	126.3	93.1	139.7
152	61.8	48.6	73.0

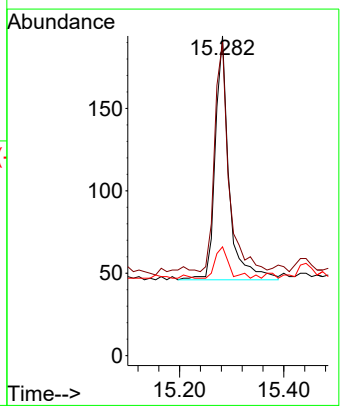


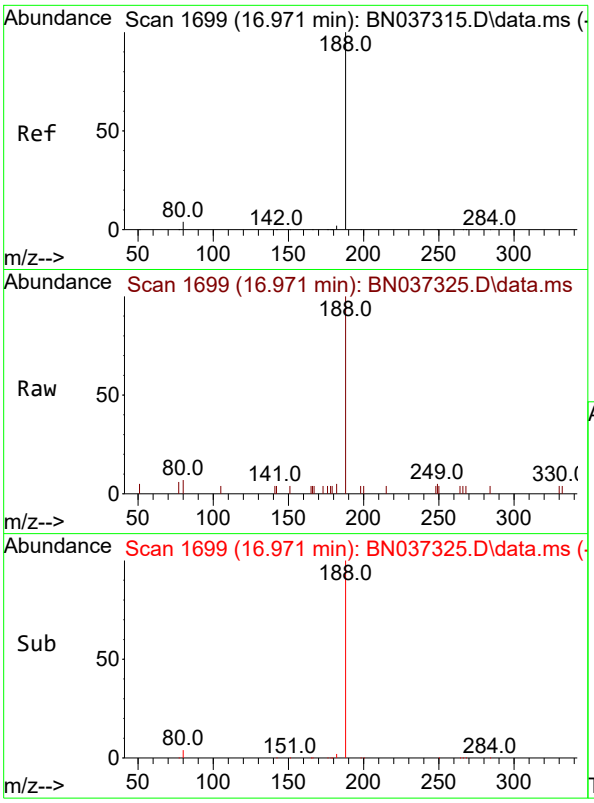


#18
Fluorene
Concen: 0.072 ng
RT: 15.282 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:166 Resp: 271

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.5	119.3
167	11.8	10.7	16.1



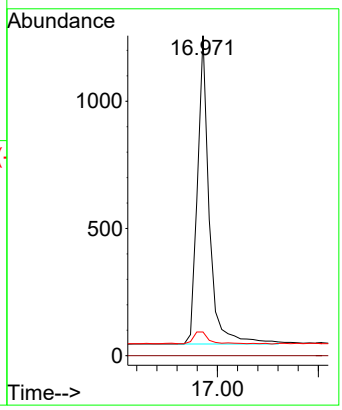


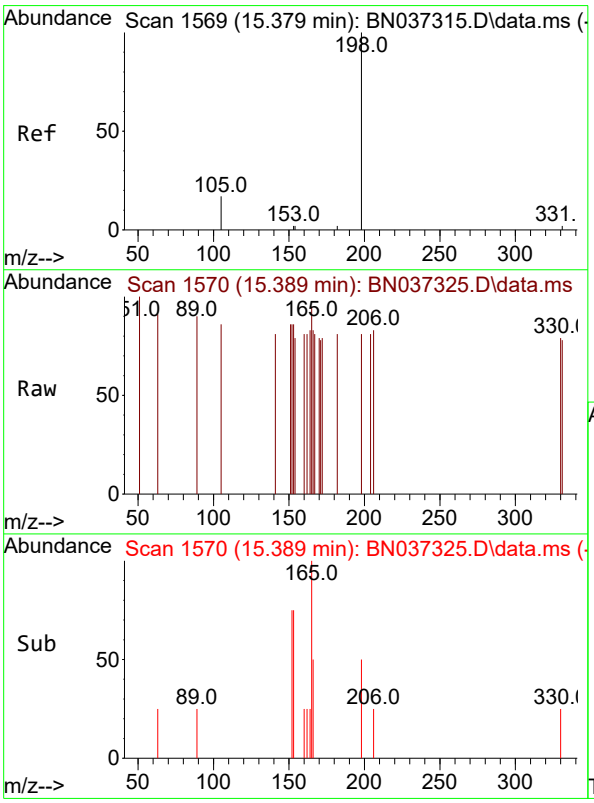
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 1976

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.2	9.2

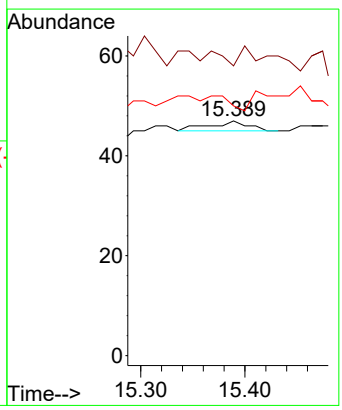


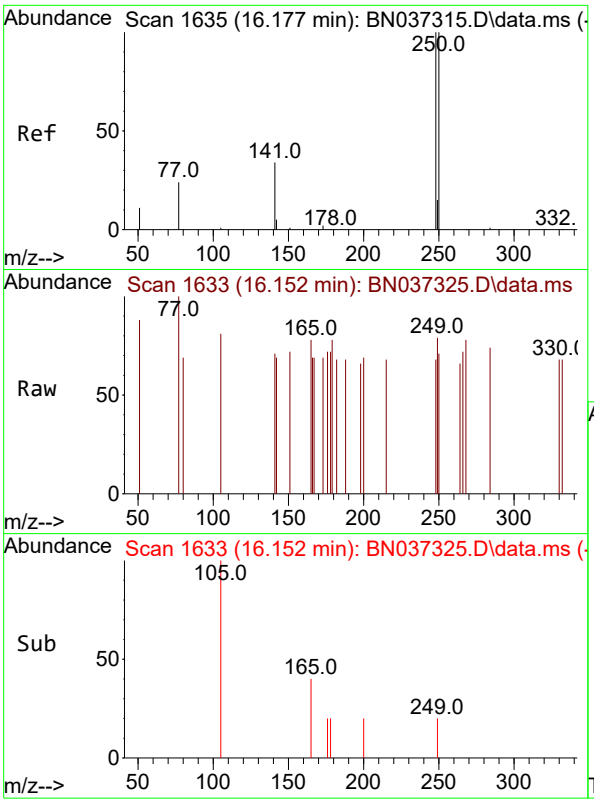


#20
4,6-Dinitro-2-methylphenol
Concen: 0.008 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	123.4	51.4	77.0#
105	106.4	45.5	68.3#



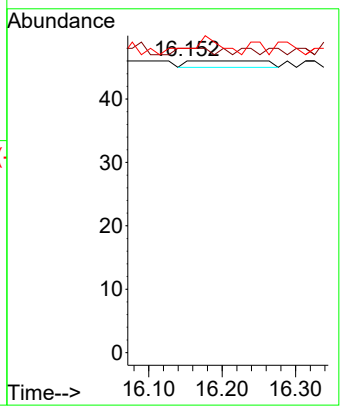


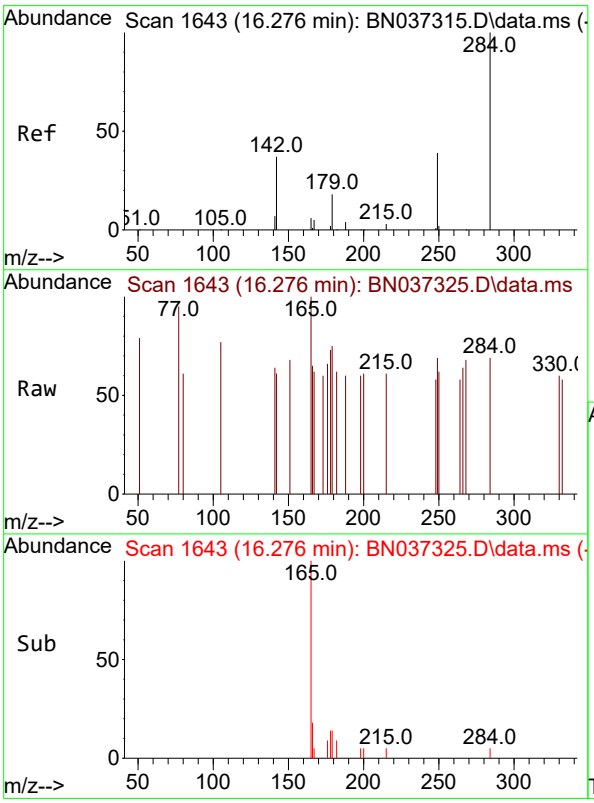
#21
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 16.152 min Scan# 1(
Delta R.T. -0.025 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 7

Ion	Ratio	Lower	Upper
248	100		
250	104.3	80.4	120.6
141	104.3	33.3	49.9#

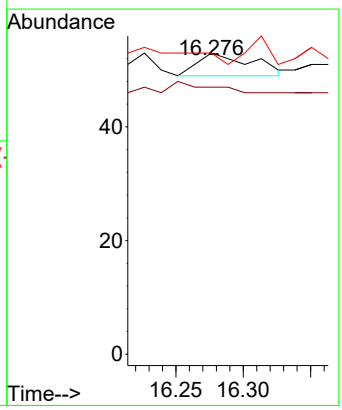


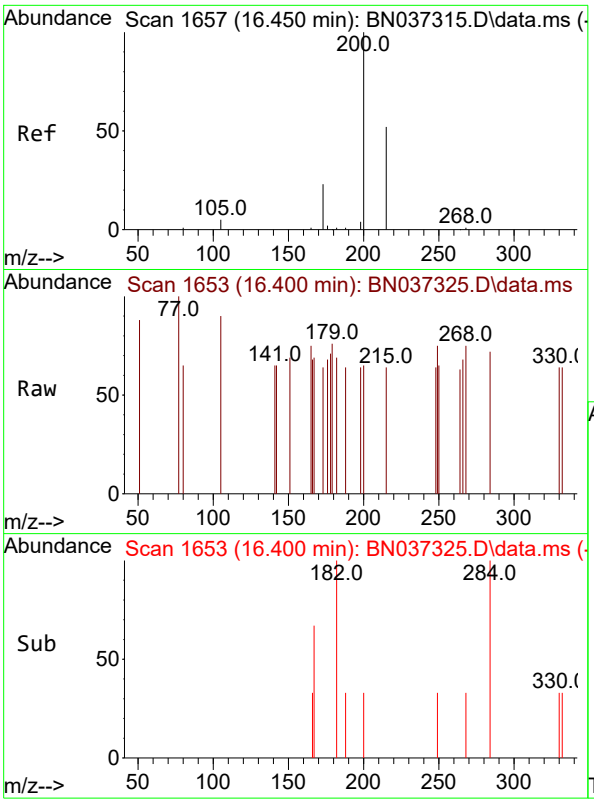


#22
Hexachlorobenzene
Concen: 0.006 ng
RT: 16.276 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:284 Resp: 11

Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.0	40.6#
249	0.0	28.8	43.2#



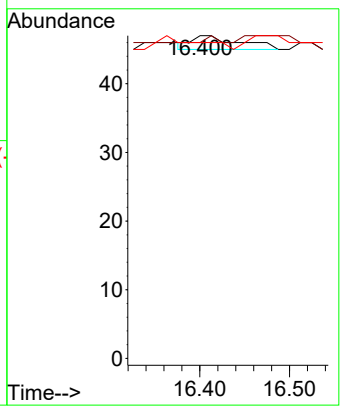


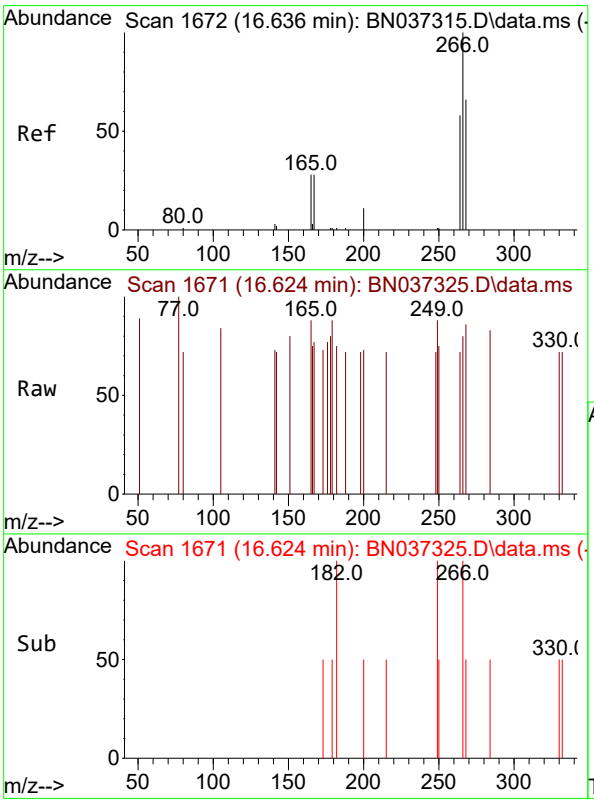
#23
Atrazine
Concen: 0.005 ng
RT: 16.400 min Scan# 1(
Delta R.T. -0.050 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 7

Ion	Ratio	Lower	Upper
200	100		
173	97.9	29.2	43.8#
215	97.9	48.8	73.2#

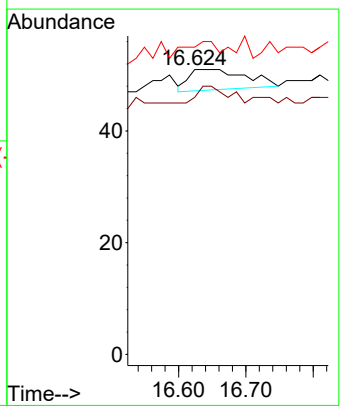


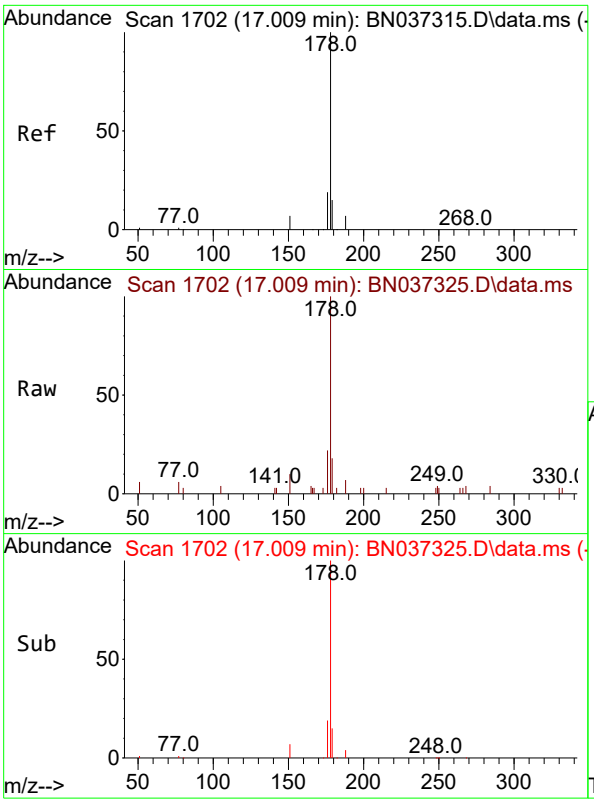


#24
Pentachlorophenol
Concen: 0.023 ng
RT: 16.624 min Scan# 1671
Delta R.T. -0.013 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	40.9	50.3	75.5#
268	45.5	55.3	82.9#



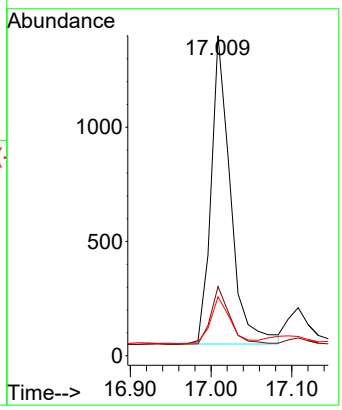


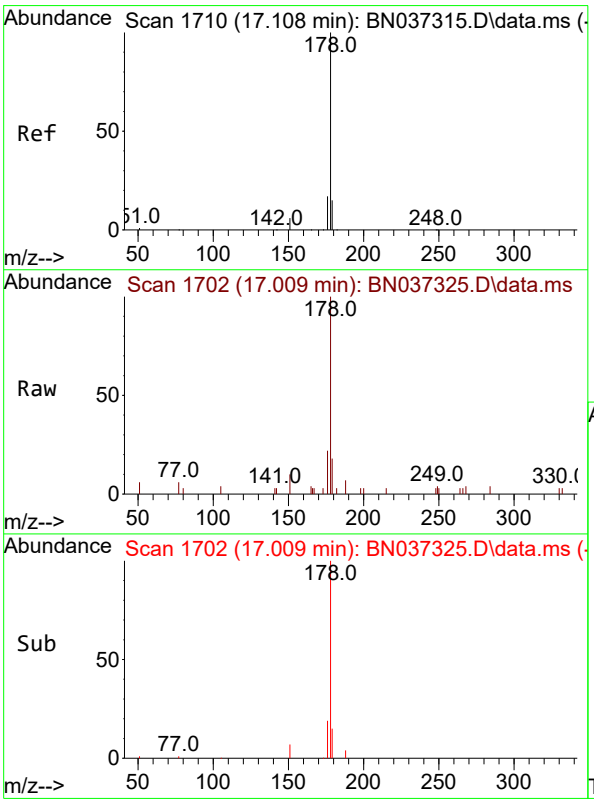
#25
Phenanthrene
Concen: 0.404 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2246

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.7	12.9	19.3

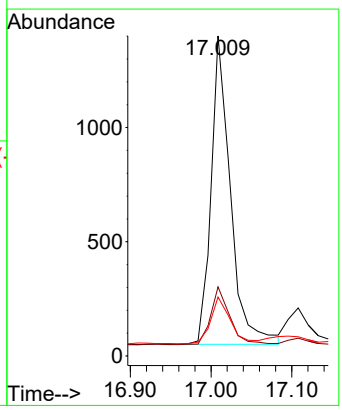


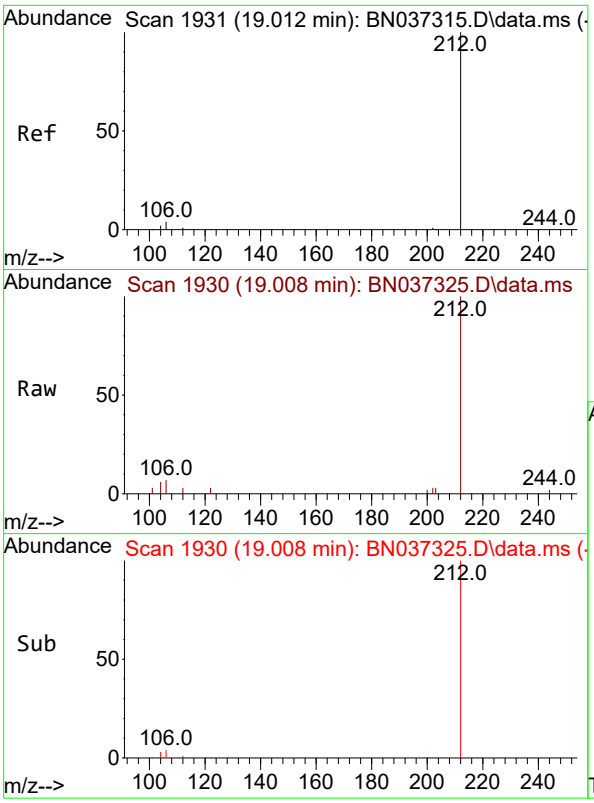


#26
Anthracene
Concen: 0.430 ng
RT: 17.009 min Scan# 1702
Delta R.T. -0.099 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:178 Resp: 2246

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.7	13.0	19.6



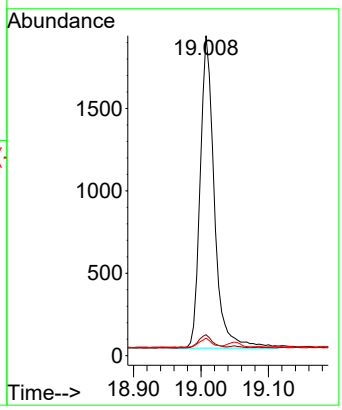


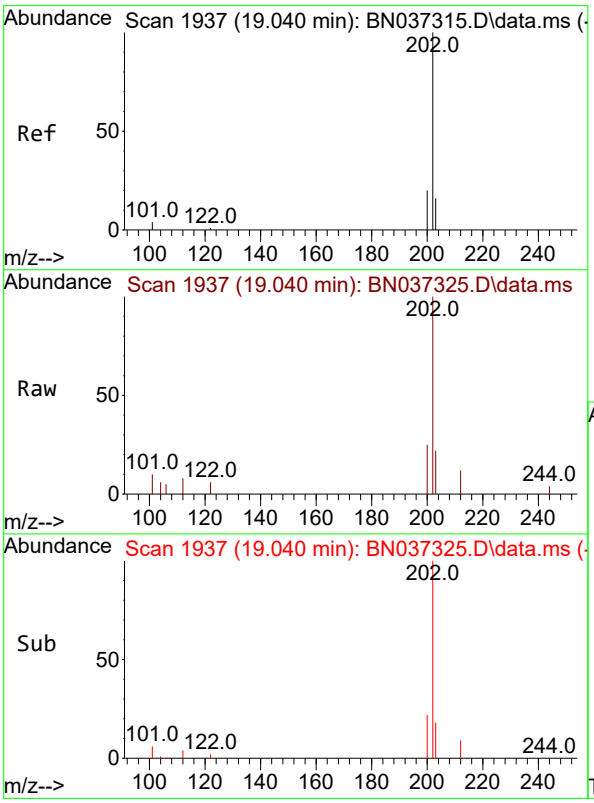
#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.008 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 2771

Ion	Ratio	Lower	Upper
212	100		
106	4.0	3.0	4.4
104	2.4	2.0	3.0

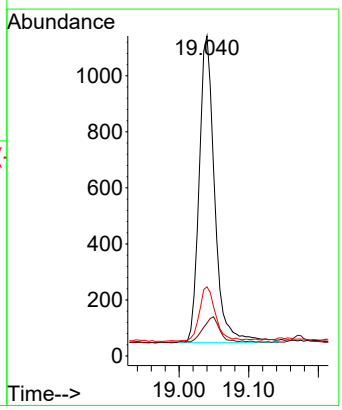


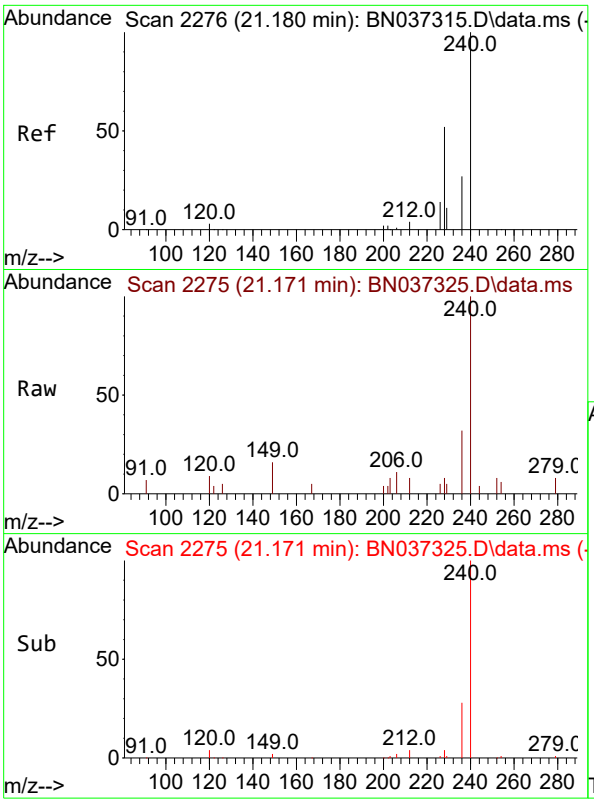


#28
Fluoranthene
Concen: 0.219 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:202 Resp: 1694

Ion	Ratio	Lower	Upper
202	100		
101	8.6	3.0	4.6#
203	18.2	13.7	20.5



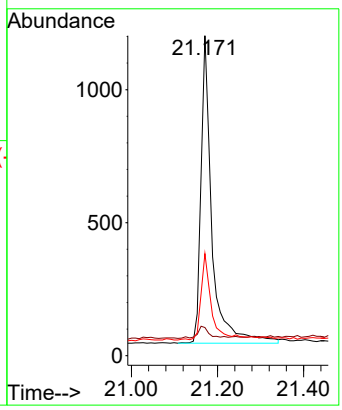


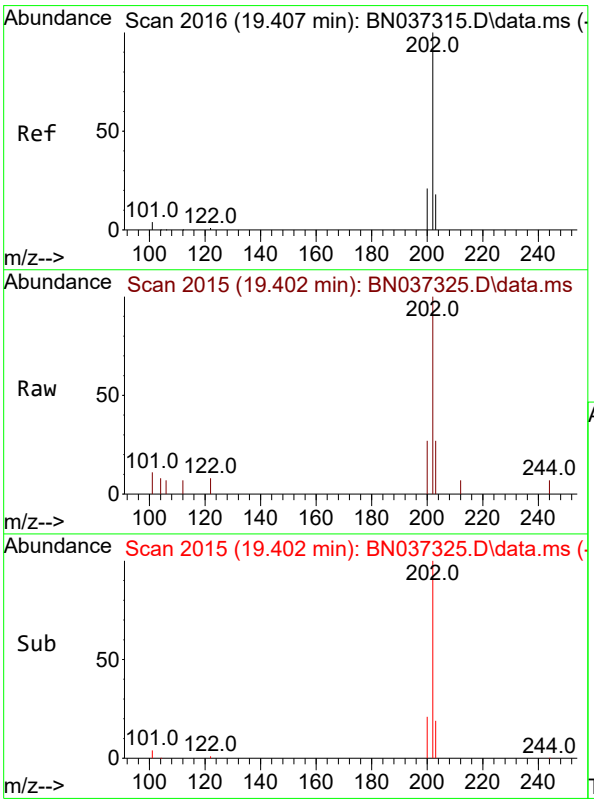
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 2039

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.5	11.3
236	31.9	24.9	37.3

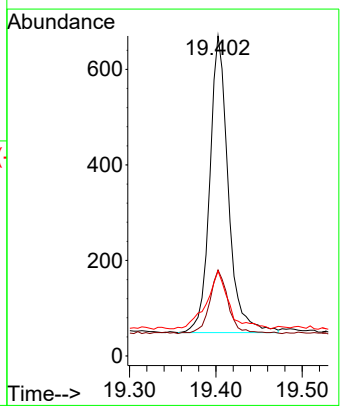


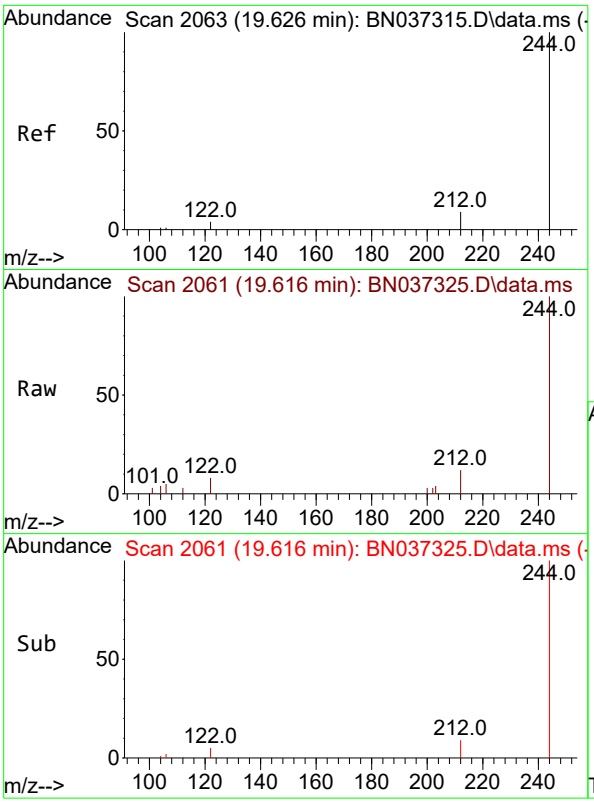


#30
Pyrene
Concen: 0.119 ng
RT: 19.402 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:202 Resp: 926

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	23.2	14.5	21.7#



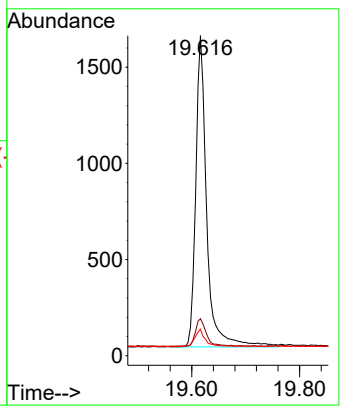


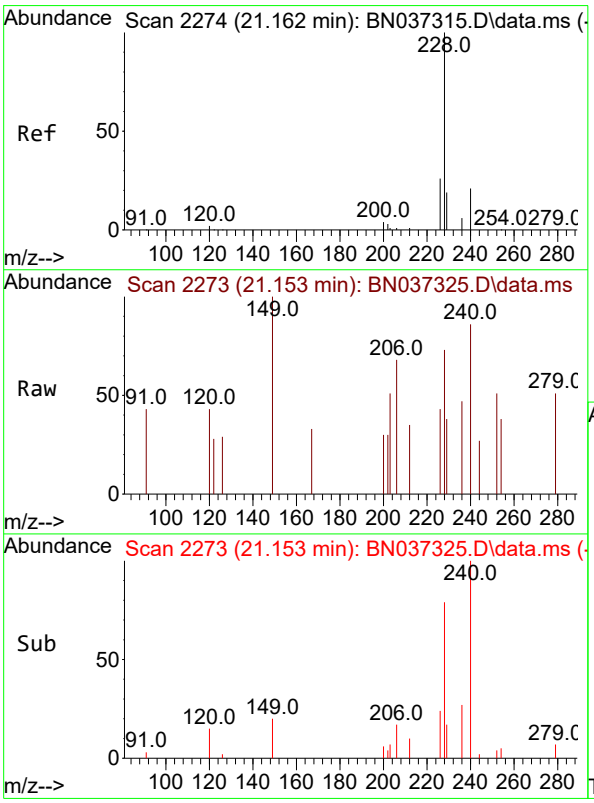
#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.616 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2279

Ion	Ratio	Lower	Upper
244	100		
212	11.5	11.1	16.7
122	8.3	7.2	10.8

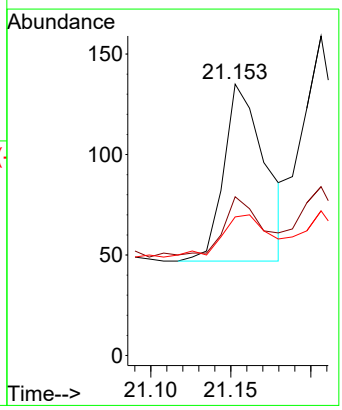


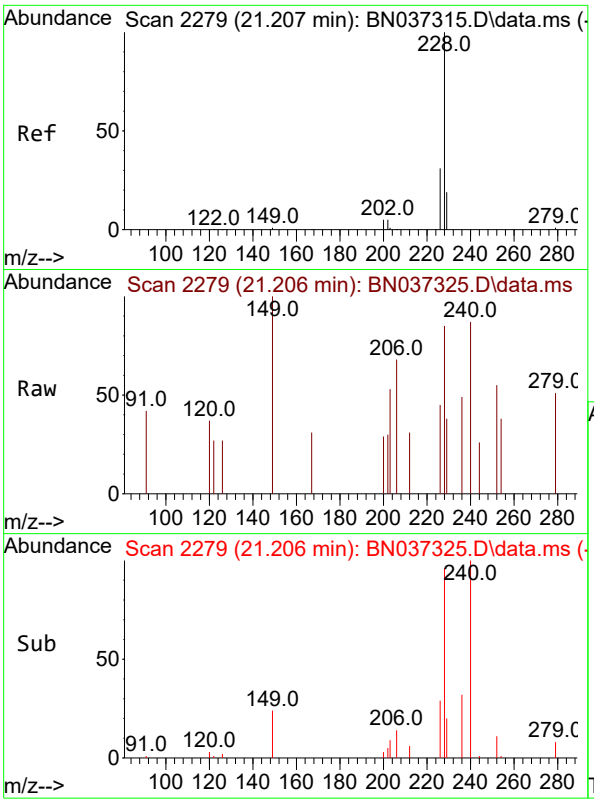


#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.153 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:228 Resp: 158

Ion	Ratio	Lower	Upper
228	100		
226	58.5	23.0	34.4#
229	51.1	17.4	26.0#



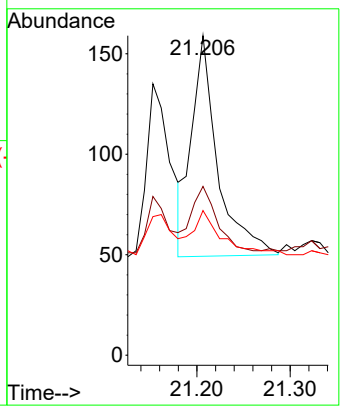


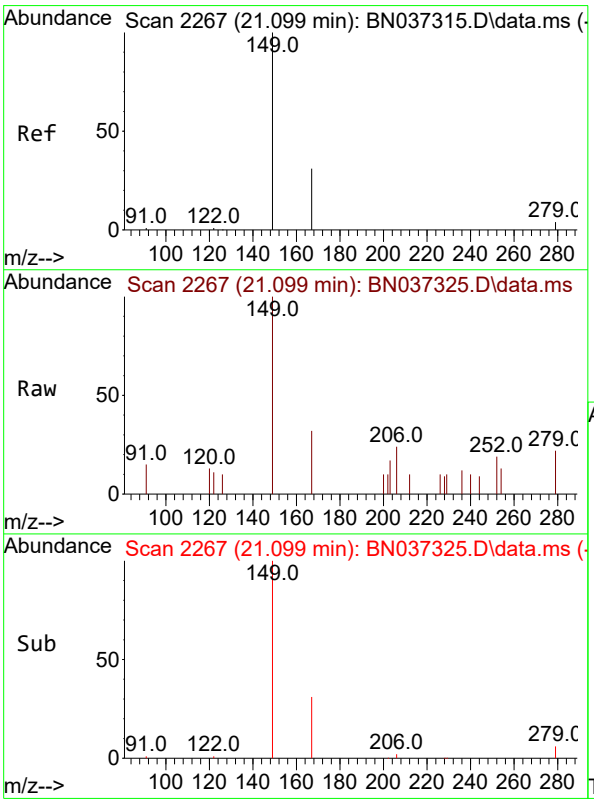
#33
Chrysene
Concen: 0.026 ng
RT: 21.206 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 214

Ion	Ratio	Lower	Upper
228	100		
226	52.8	25.4	38.2#
229	45.3	17.3	25.9#

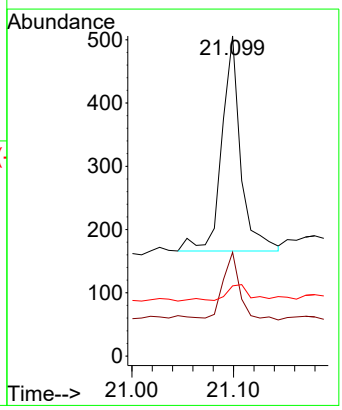


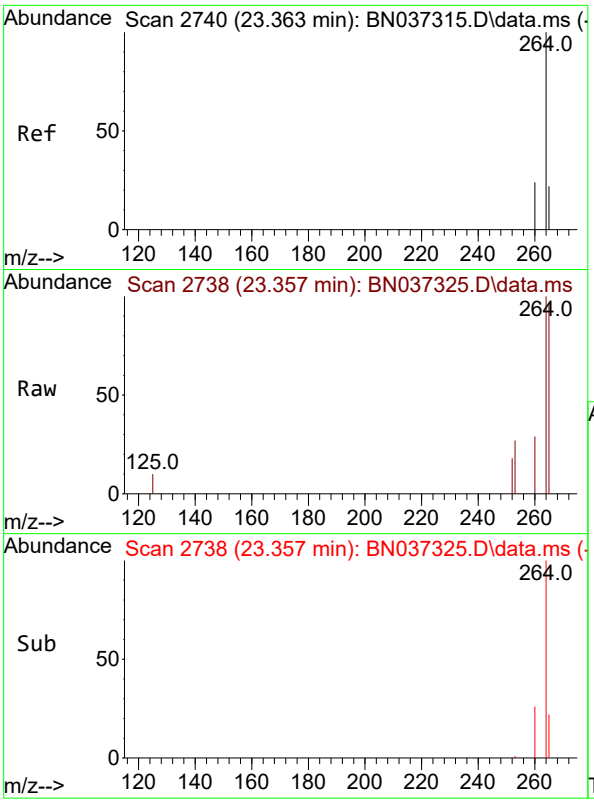


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.099 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:149 Resp: 438

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.6	37.0
279	8.2	6.5	9.7



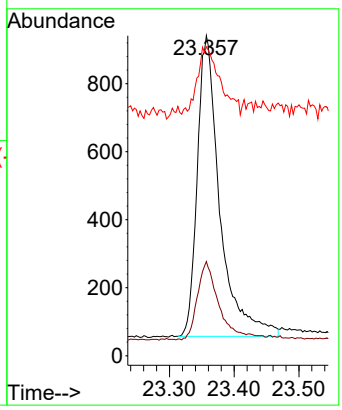


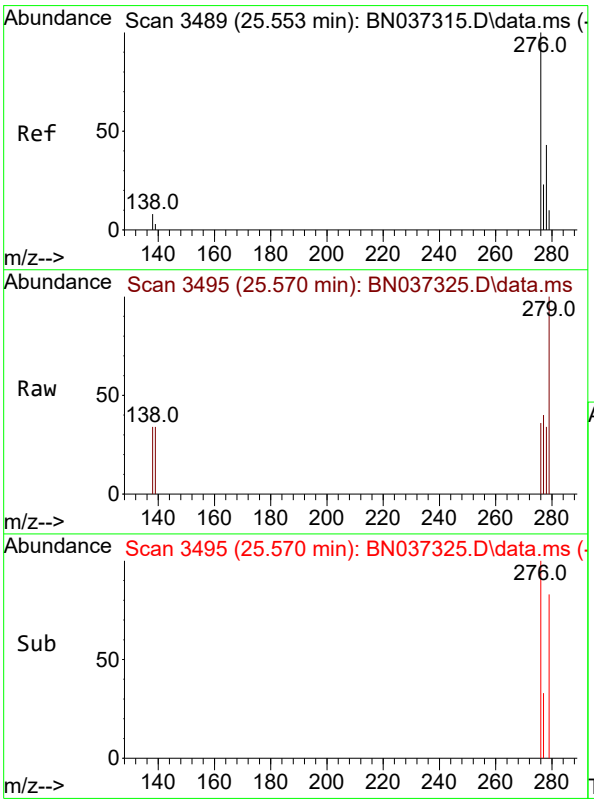
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 2136

Ion	Ratio	Lower	Upper
264	100		
260	29.4	21.4	32.2
265	96.5	71.4	107.0

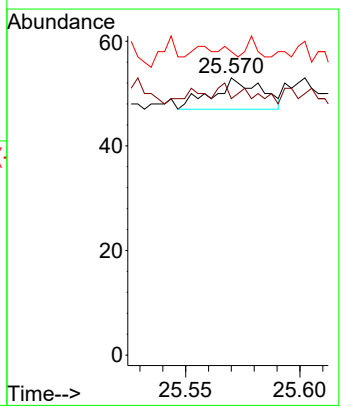


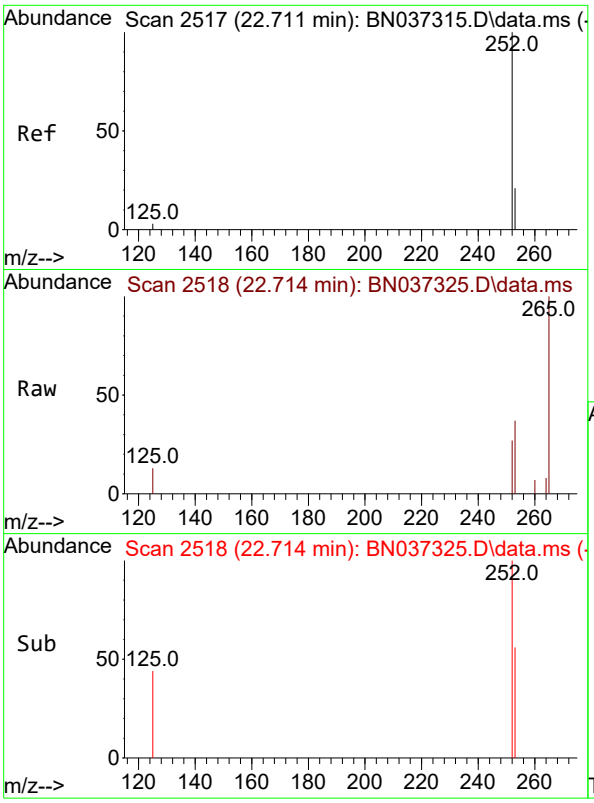


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.570 min Scan# 3495
Delta R.T. 0.017 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:276 Resp: 9

Ion	Ratio	Lower	Upper
276	100		
138	11.1	2.2	3.2#
277	22.2	17.1	25.7



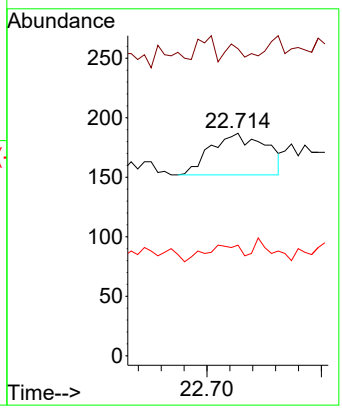


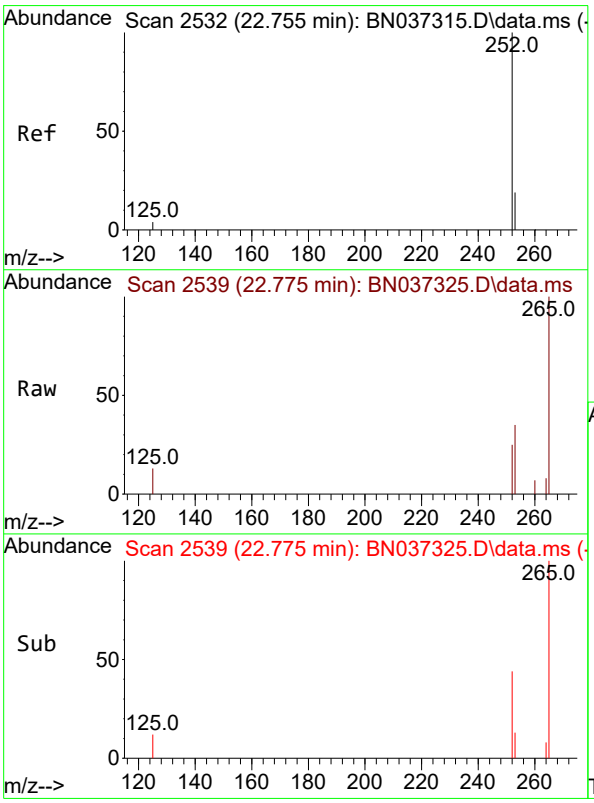
#37
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.714 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
253	138.0	26.6	40.0#
125	49.7	6.1	9.1#

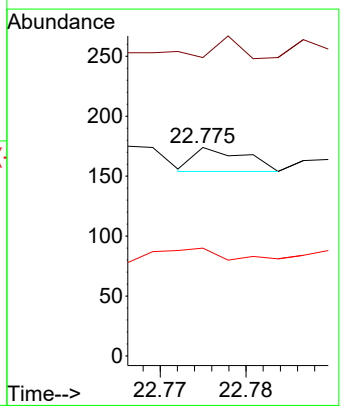


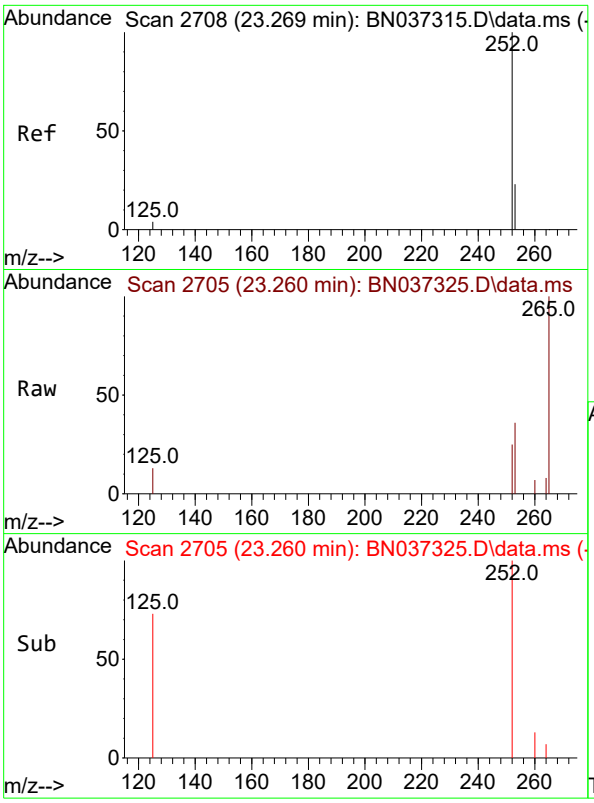


#38
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.775 min Scan# 2539
Delta R.T. 0.020 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:252 Resp: 8

Ion	Ratio	Lower	Upper
252	100		
253	143.1	26.7	40.1#
125	51.7	6.5	9.7#



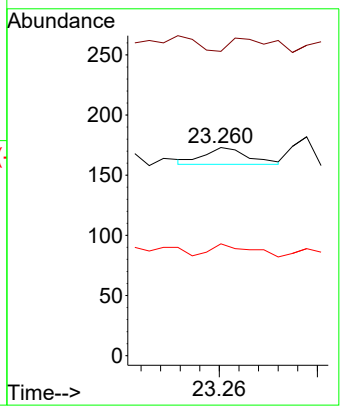


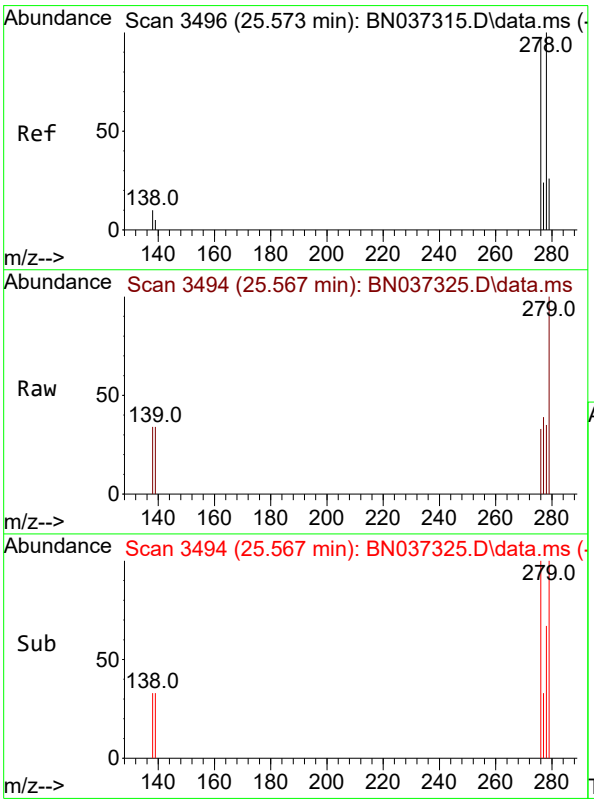
#39
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.260 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	146.2	31.6	47.4#
125	53.8	8.4	12.6#

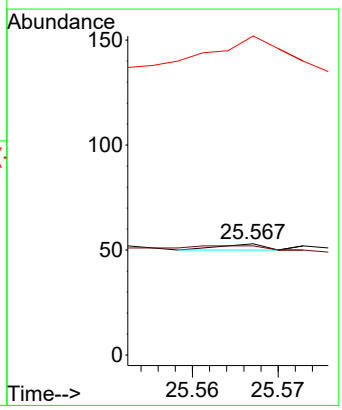


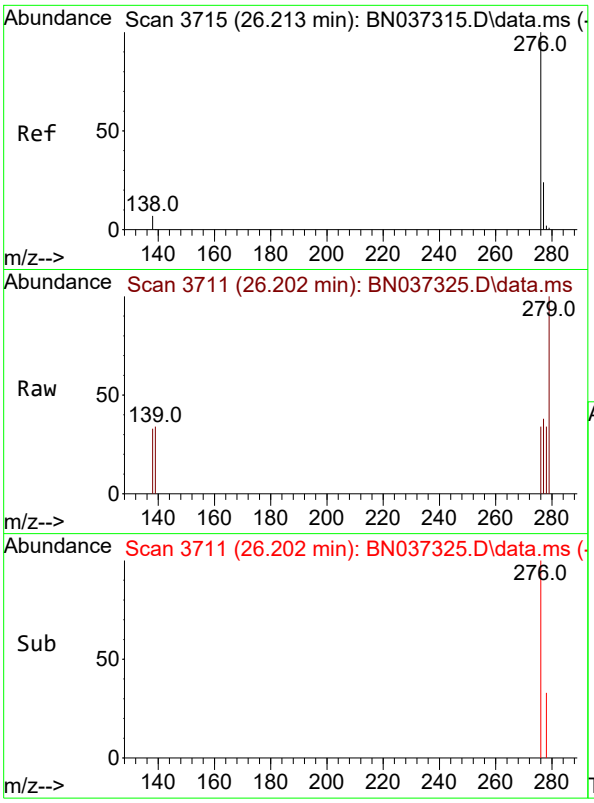


#40
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.567 min Scan# 3494
Delta R.T. -0.006 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Tgt Ion:278 Resp: 1

Ion	Ratio	Lower	Upper
278	100		
139	98.1	10.2	15.4#
279	286.8	35.6	53.4#





#41
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.202 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN037325.D
Acq: 18 Jun 2025 22:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
277	110.0	22.7	34.1#
138	96.0	9.4	14.2#