Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035521.D
Acq On : 09 Dec 2024 23:43
Operator : RC/JU
Sample : PB165497BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Quant Time: Dec 10 01:29:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.300	152	1515	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	3901	0.400	ng	-0.01
13) Acenaphthene-d10	13.956	164	2723	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	6484	0.400	ng	#-0.01
29) Chrysene-d12	20.964	240	5752	0.400	ng	# 0.00
35) Perylene-d12	23.064	264	5037	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.960	112	1701	0.449	ng	0.00
5) Phenol-d6	6.506	99	2142	0.470	ng	0.00
8) Nitrobenzene-d5	8.429	82	1574	0.661	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	4289	0.703	ng	-0.01
14) 2,4,6-Tribromophenol	15.474	330	599	0.310	ng	0.00
15) 2-Fluorobiphenyl	12.563	172	5597	0.544	ng	-0.01
27) Fluoranthene-d10	18.775	212	9633	0.524	ng	0.00
31) Terphenyl-d14	19.407	244	8032	0.708	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.988	88	689	0.476	ng	# 68
3) n-Nitrosodimethylamine	3.285	42	686	0.569	ng	96
6) bis(2-Chloroethyl)ether	6.744	93	1891	0.494	ng	99
9) Naphthalene	10.094	128	5081	0.494	ng	99
10) Hexachlorobutadiene	10.382	225	1233	0.520	ng	# 100
12) 2-Methylnaphthalene	11.722	142	3643	0.495	ng	98
16) Acenaphthylene	13.667	152	5911	0.517	ng	99
17) Acenaphthene	14.020	154	3915	0.516	ng	100
18) Fluorene	15.025	166	5450	0.502	ng	99
20) 4,6-Dinitro-2-methylph...	15.132	198	220	0.345	ng	# 64
21) 4-Bromophenyl-phenylether	15.928	248	1865	0.492	ng	# 83
22) Hexachlorobenzene	16.028	284	2296	0.516	ng	98
23) Atrazine	16.226	200	1369	0.507	ng	96
24) Pentachlorophenol	16.388	266	1221	0.630	ng	# 85
25) Phenanthrene	16.760	178	9023	0.507	ng	99
26) Anthracene	16.859	178	8197	0.509	ng	99
28) Fluoranthene	18.807	202	11054	0.460	ng	98
30) Pyrene	19.174	202	11339	0.534	ng	100
32) Benzo(a)anthracene	20.955	228	9769	0.486	ng	99
33) Chrysene	21.000	228	10640	0.513	ng	99
34) Bis(2-ethylhexyl)phtha...	20.928	149	3969	0.499	ng	99
36) Indeno(1,2,3-cd)pyrene	25.105	276	9817	0.499	ng	97
37) Benzo(b)fluoranthene	22.450	252	10566	0.573	ng	97
38) Benzo(k)fluoranthene	22.488	252	10589	0.584	ng	98
39) Benzo(a)pyrene	22.973	252	8337	0.549	ng	96
40) Dibenzo(a,h)anthracene	25.122	278	7294	0.469	ng	97
41) Benzo(g,h,i)perylene	25.719	276	7998	0.493	ng	98

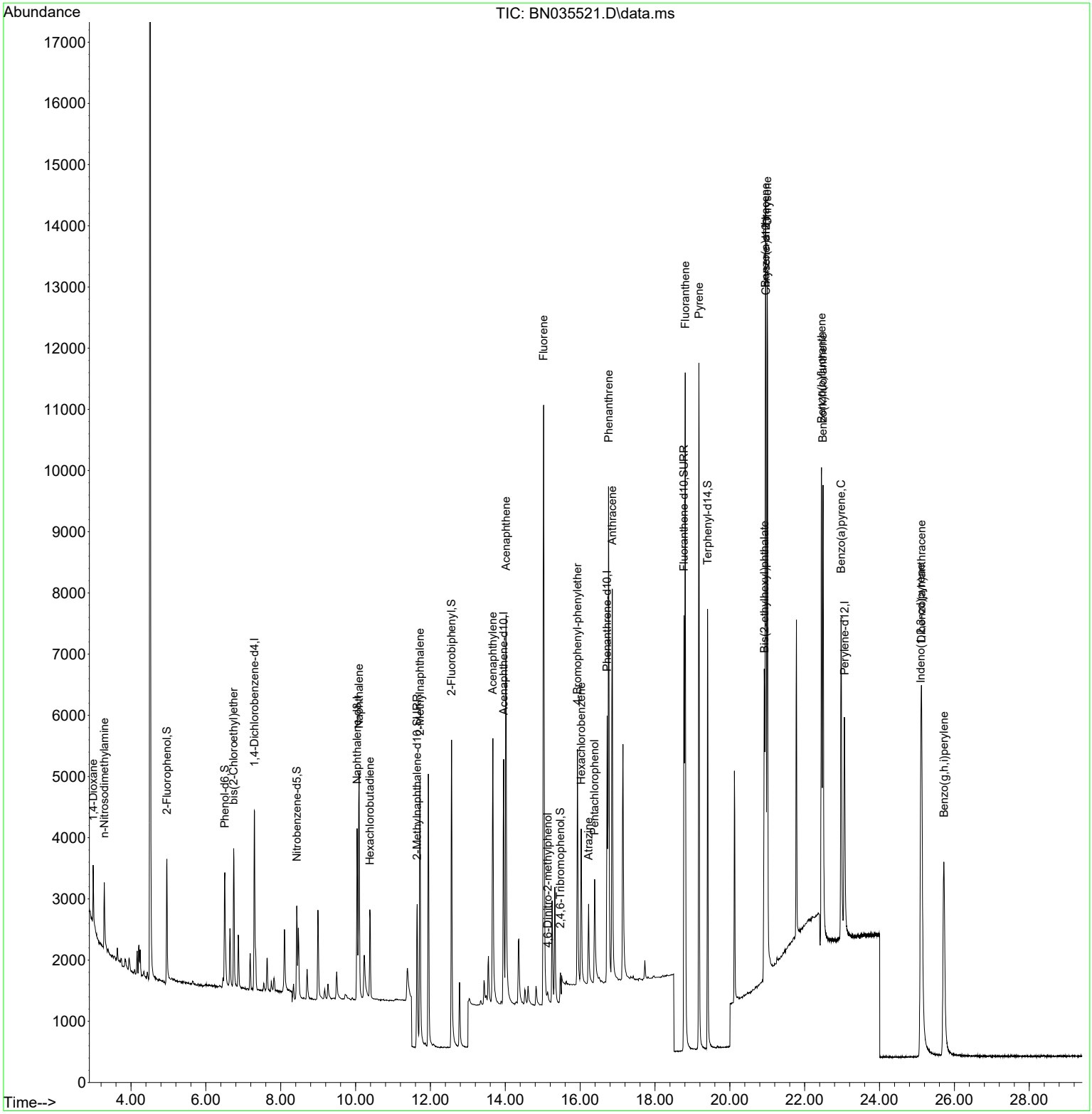
(#) = qualifier out of range (m) = manual integration (+) = signals summed

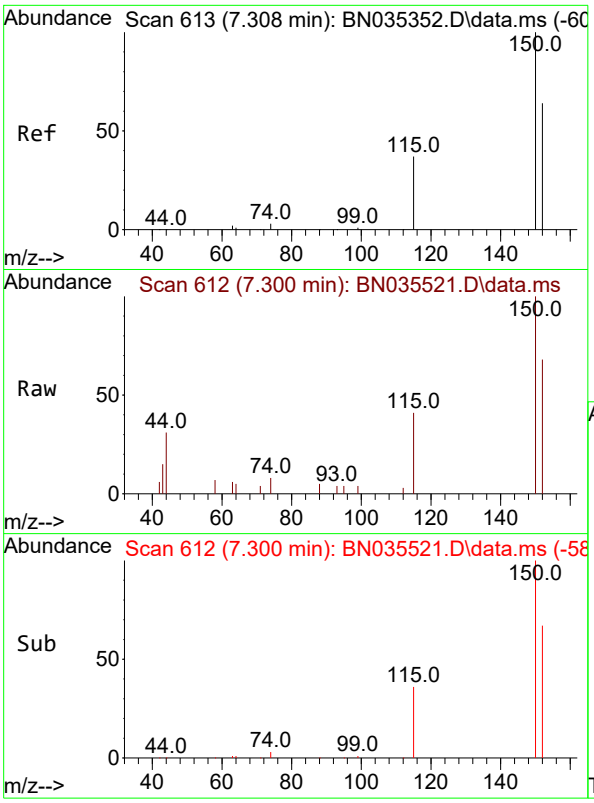
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035521.D
Acq On : 09 Dec 2024 23:43
Operator : RC/JU
Sample : PB165497BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Quant Time: Dec 10 01:29:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration



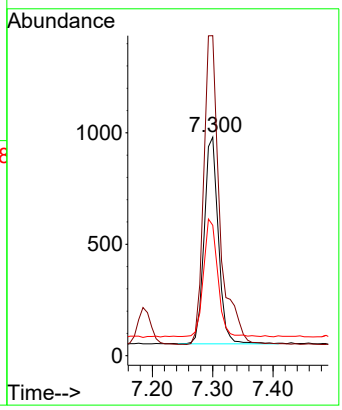


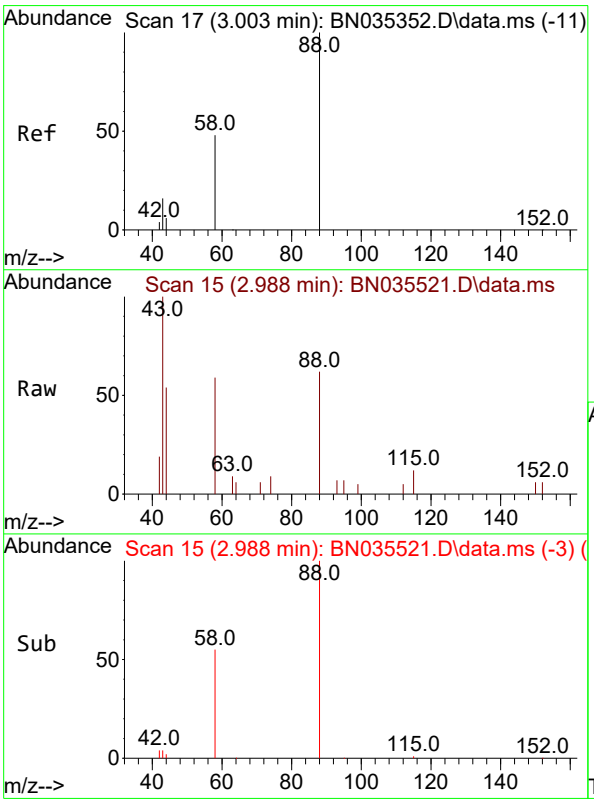
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.300 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:152 Resp: 1515

Ion	Ratio	Lower	Upper
152	100		
150	146.4	124.0	186.0
115	59.6	49.6	74.4

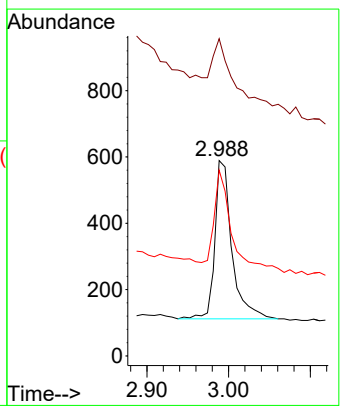


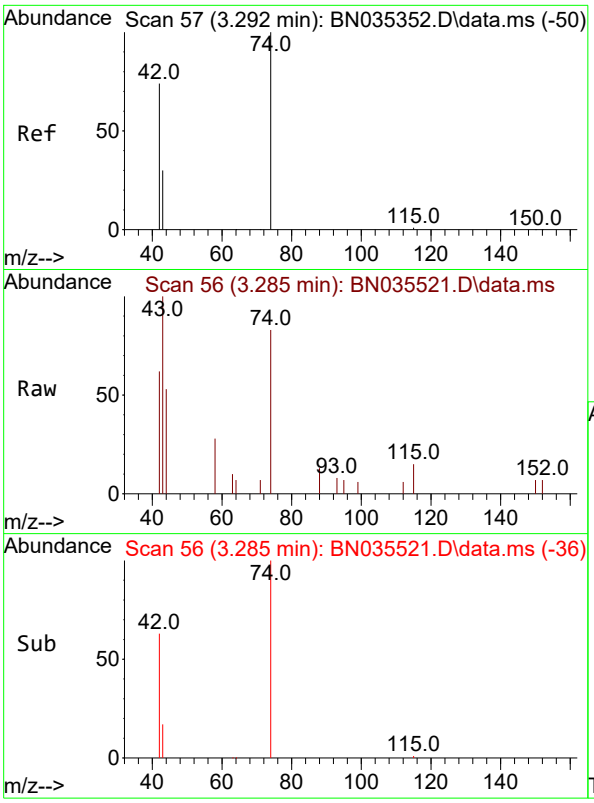


#2
1,4-Dioxane
Concen: 0.476 ng
RT: 2.988 min Scan# 15
Delta R.T. -0.015 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion: 88 Resp: 689

Ion	Ratio	Lower	Upper
88	100		
43	53.4	17.2	25.8#
58	68.7	44.5	66.7#



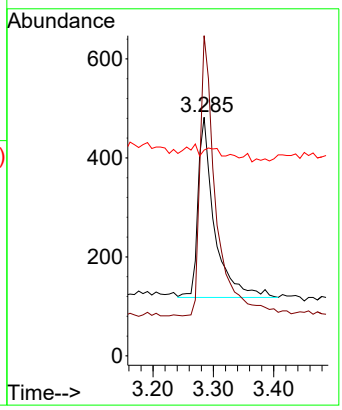


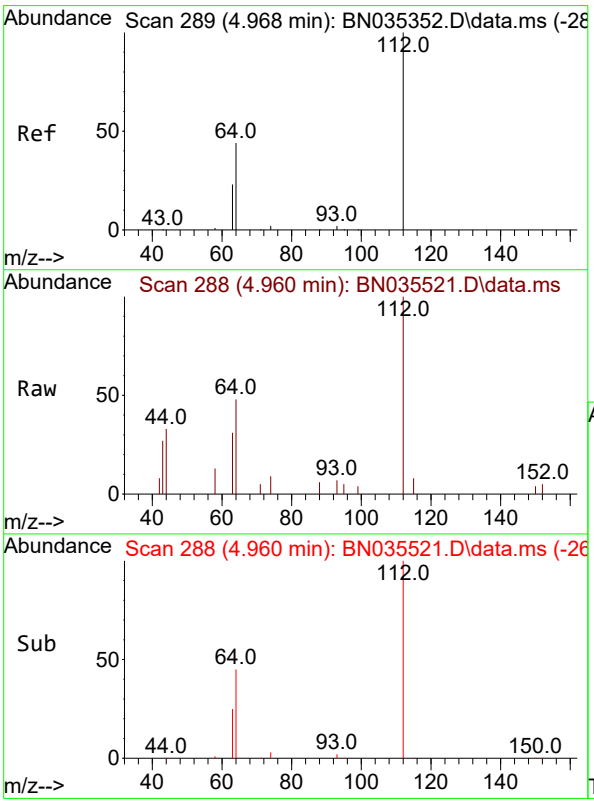
#3
n-Nitrosodimethylamine
Concen: 0.569 ng
RT: 3.285 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion: 42 Resp: 686

Ion	Ratio	Lower	Upper
42	100		
74	151.5	124.9	187.3
44	2.9	2.2	3.4

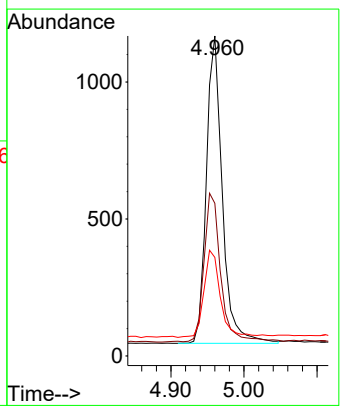


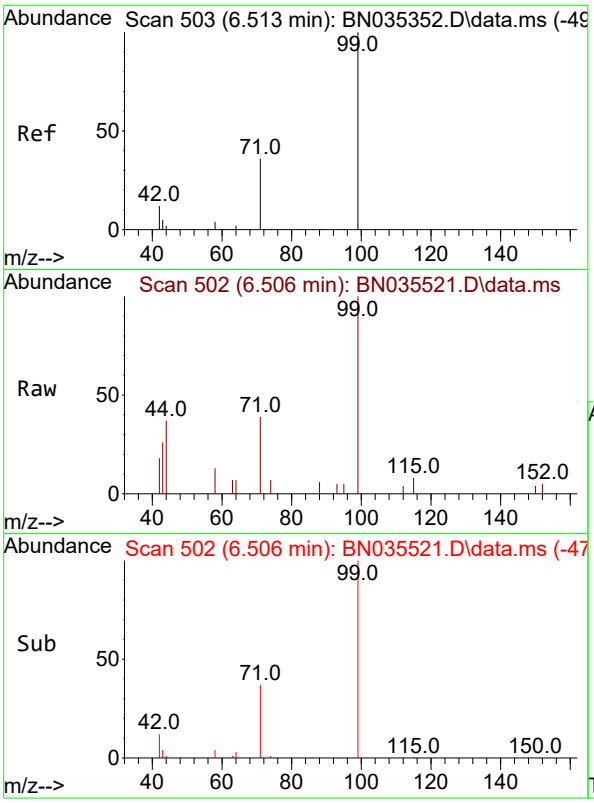


#4
2-Fluorophenol
Concen: 0.449 ng
RT: 4.960 min Scan# 288
Delta R.T. -0.008 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:112 Resp: 1701

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.8	59.8
63	29.2	21.0	31.6



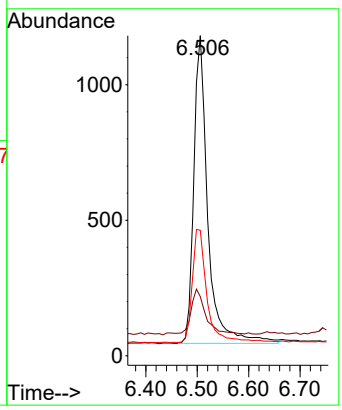


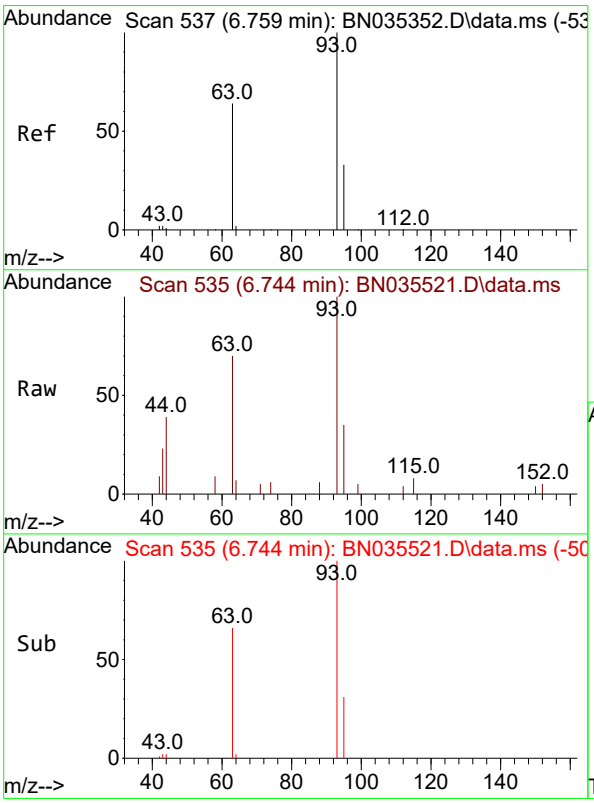
#5
Phenol-d6
Concen: 0.470 ng
RT: 6.506 min Scan# 5(
Delta R.T. -0.008 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion: 99 Resp: 2142

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.4	17.2
71	39.1	29.3	43.9

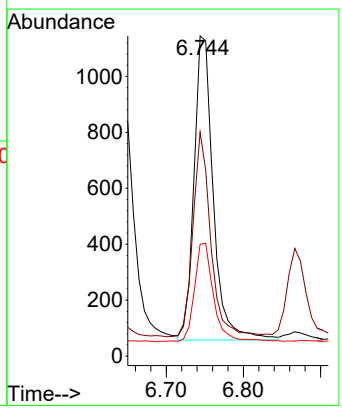


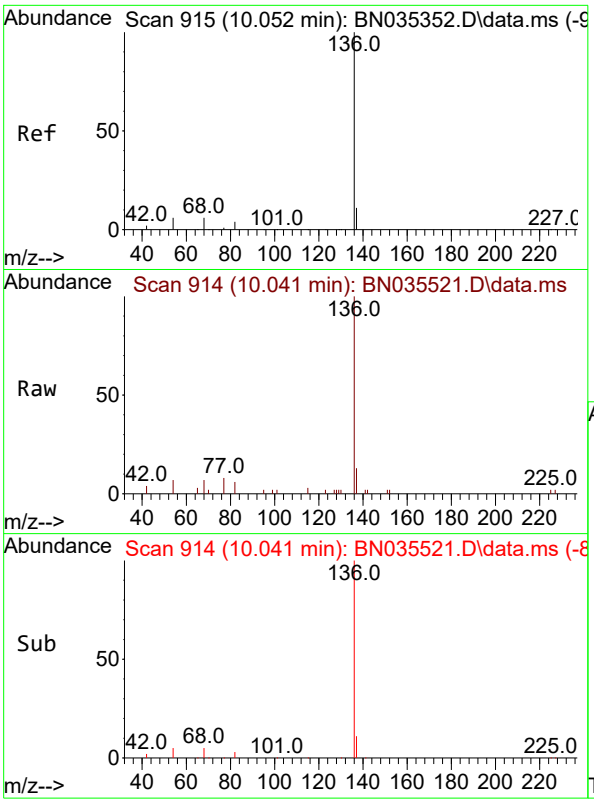


#6
bis(2-Chloroethyl)ether
Concen: 0.494 ng
RT: 6.744 min Scan# 535
Delta R.T. -0.015 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion: 93 Resp: 1891

Ion	Ratio	Lower	Upper
93	100		
63	61.7	50.4	75.6
95	31.9	25.7	38.5



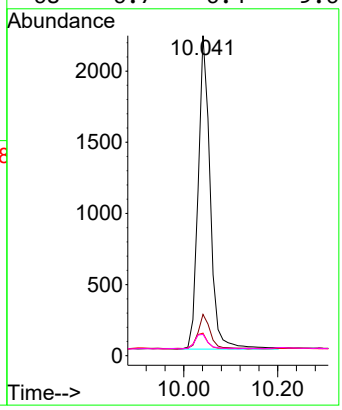


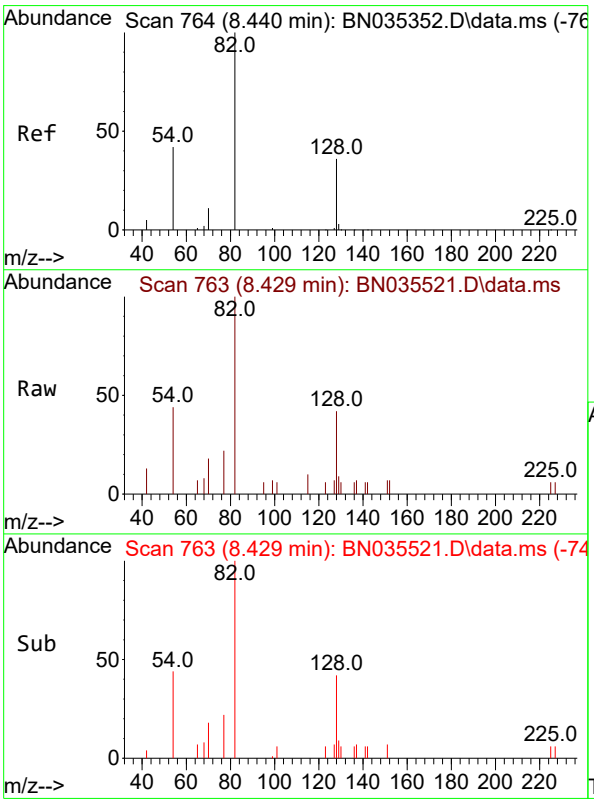
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:136 Resp: 3901

Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.2	15.2
54	7.1	6.1	9.1
68	6.7	6.4	9.6

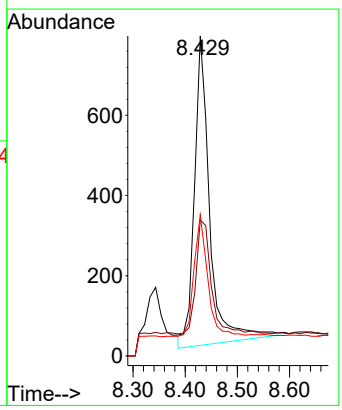


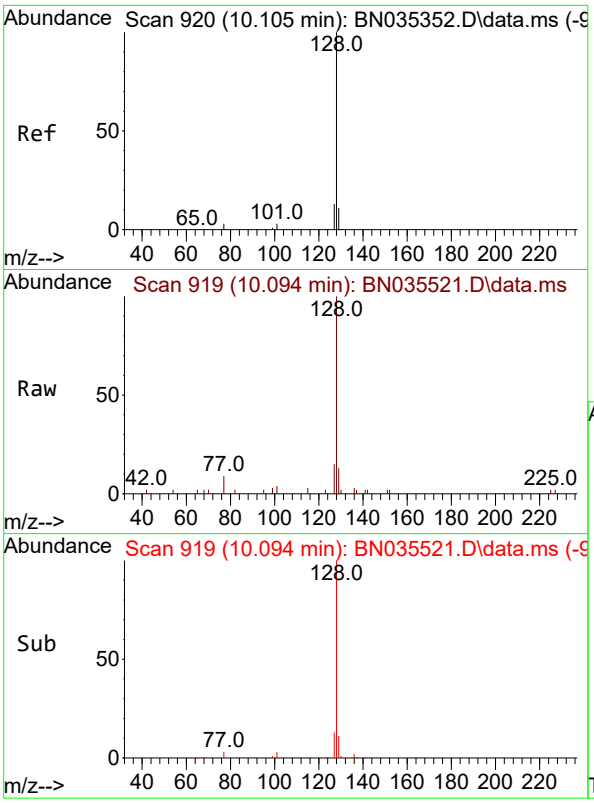


#8
Nitrobenzene-d5
Concen: 0.661 ng
RT: 8.429 min Scan# 763
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion: 82 Resp: 1574

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	44.1	36.7	55.1



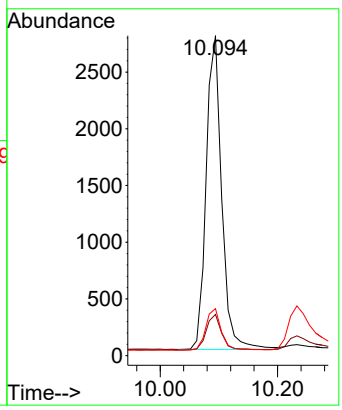


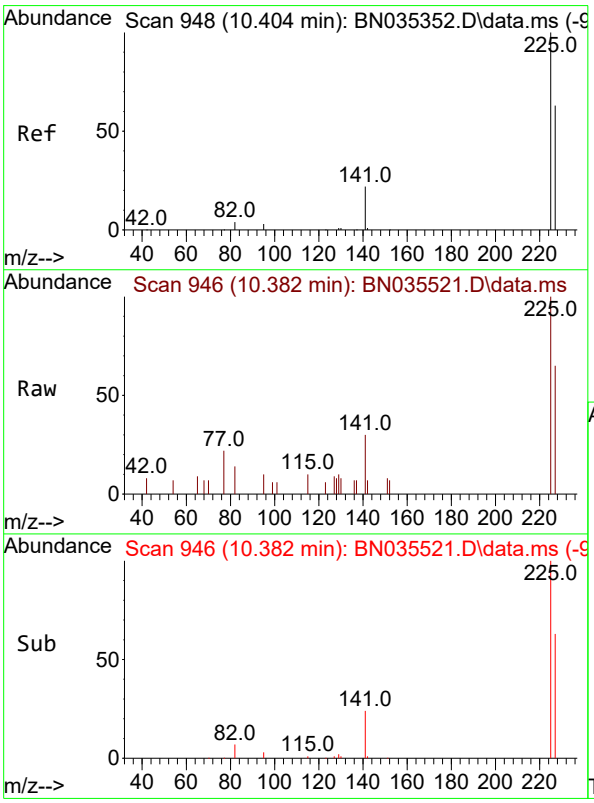
#9
Naphthalene
Concen: 0.494 ng
RT: 10.094 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:128 Resp: 5081

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.8	14.6
127	14.7	11.4	17.2

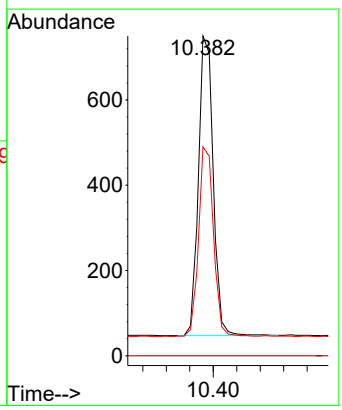


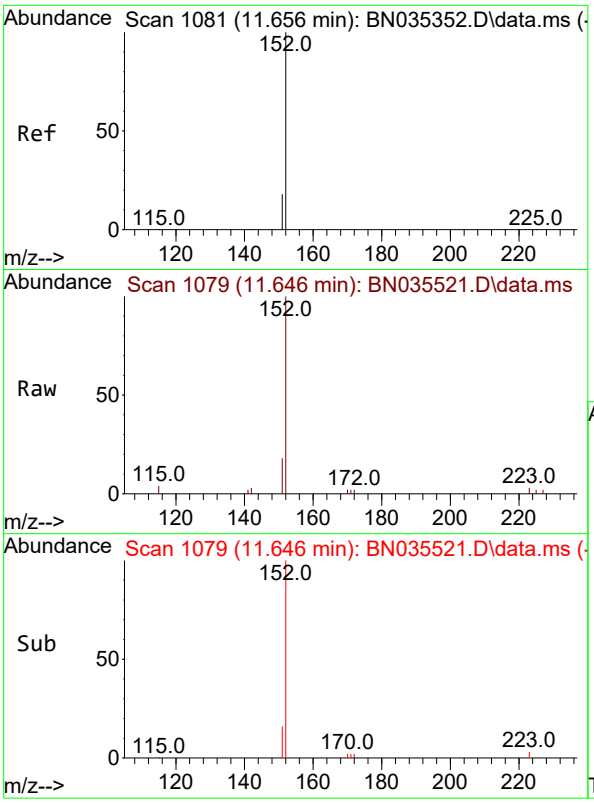


#10
Hexachlorobutadiene
Concen: 0.520 ng
RT: 10.382 min Scan# 946
Delta R.T. -0.022 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:225 Resp: 1233

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



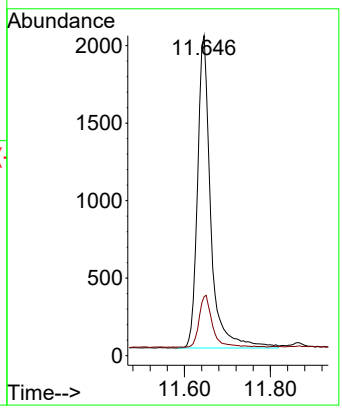


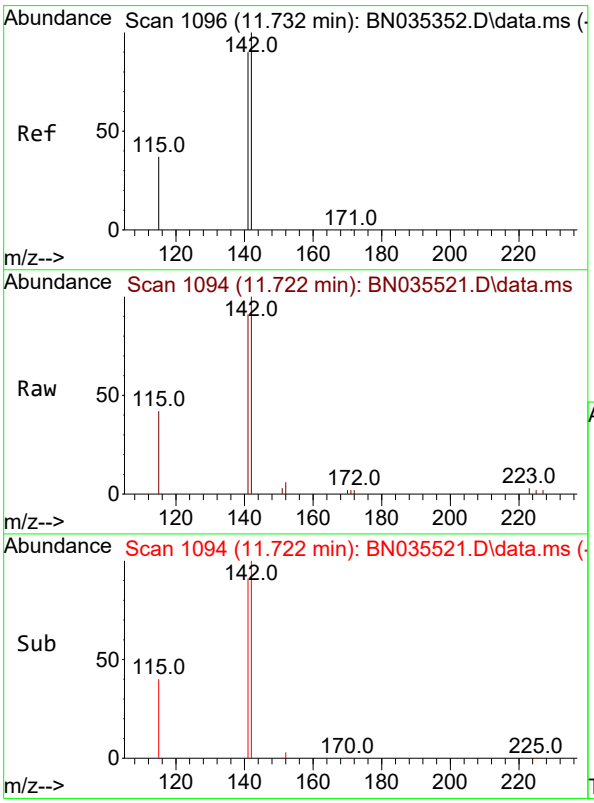
#11
2-Methylnaphthalene-d10
Concen: 0.703 ng
RT: 11.646 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:152 Resp: 4289

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.6	25.0#

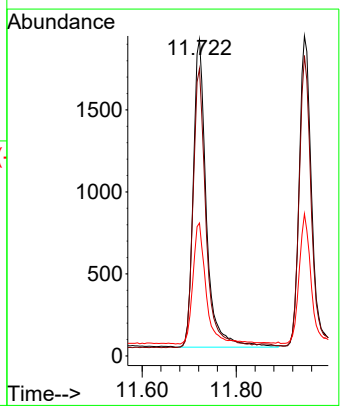


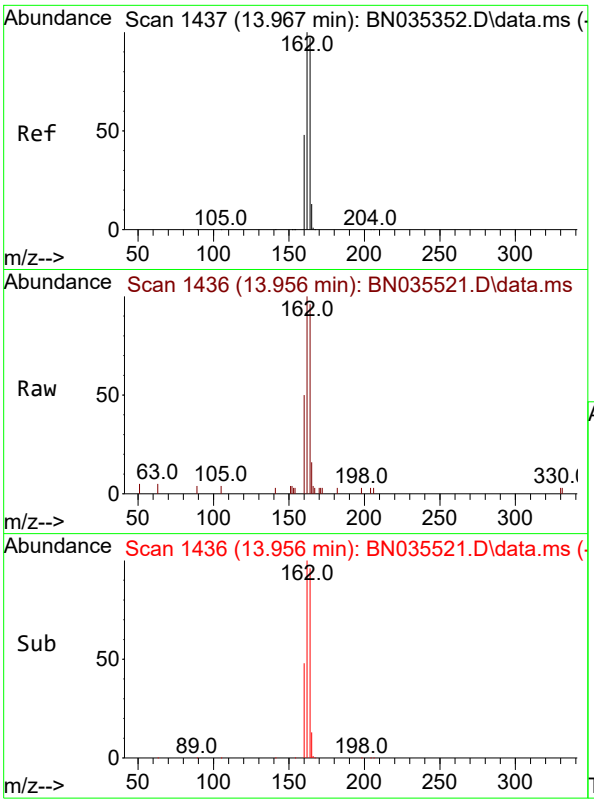


#12
2-Methylnaphthalene
Concen: 0.495 ng
RT: 11.722 min Scan# 1094
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:142 Resp: 3643

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.4
115	41.9	31.4	47.0



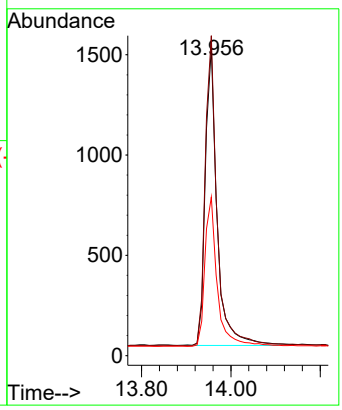


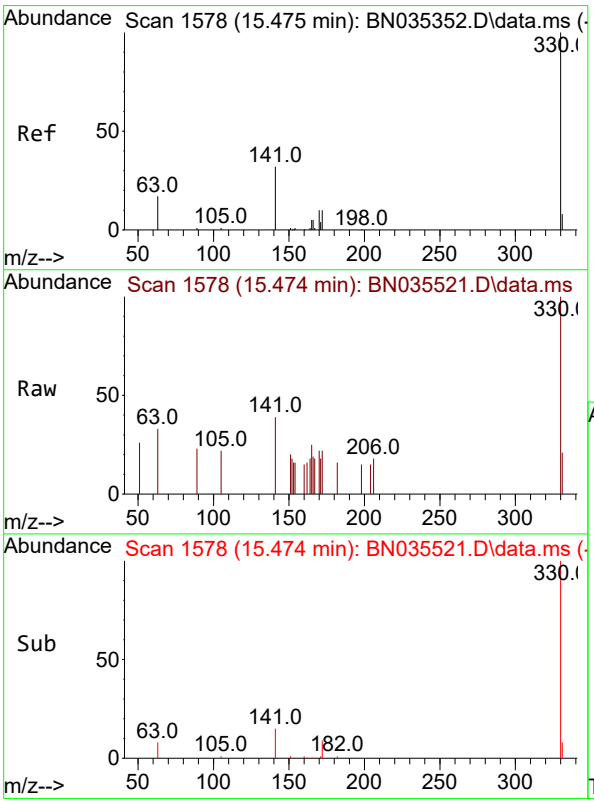
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.956 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:164 Resp: 2723

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.2	123.2
160	51.4	40.1	60.1

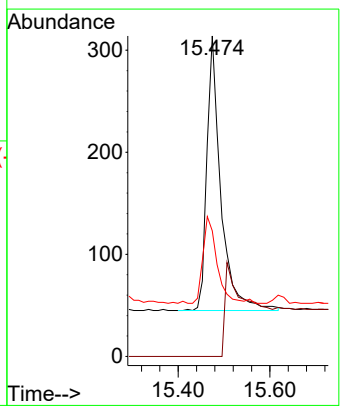


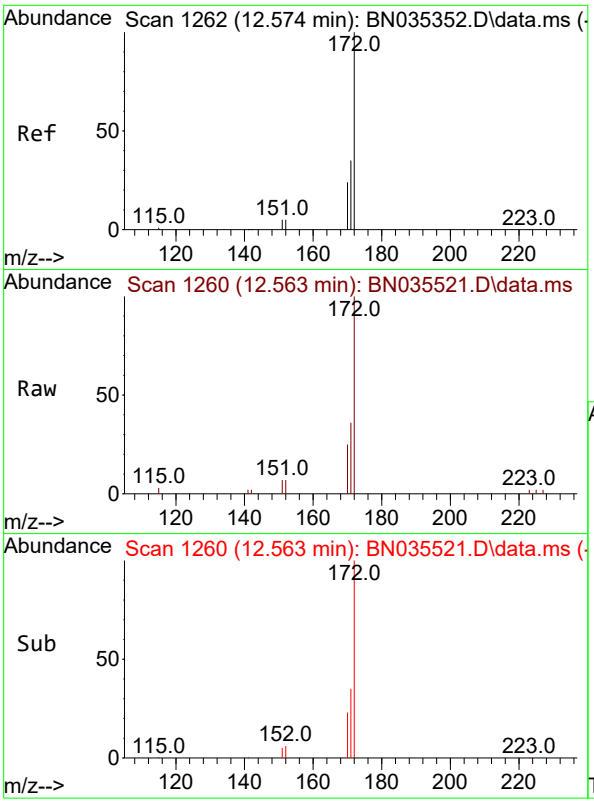


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:330 Resp: 599

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.1	26.6	40.0



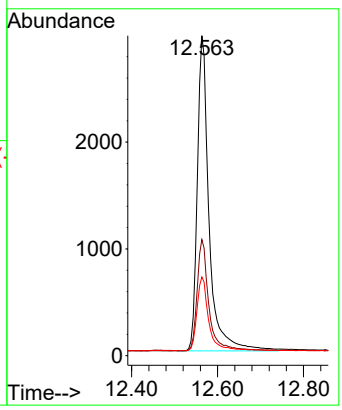


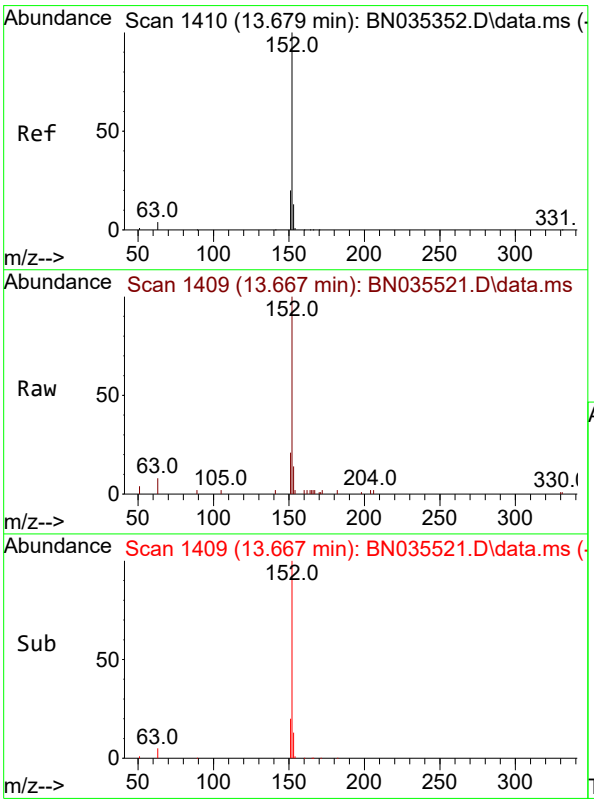
#15
2-Fluorobiphenyl
Concen: 0.544 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:172 Resp: 5597

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.6	19.8	29.8

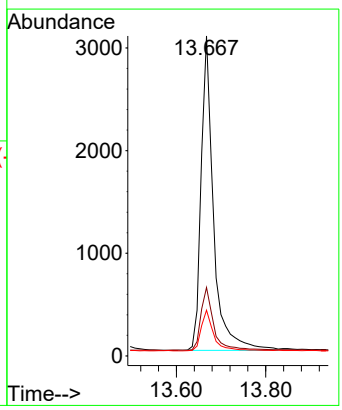


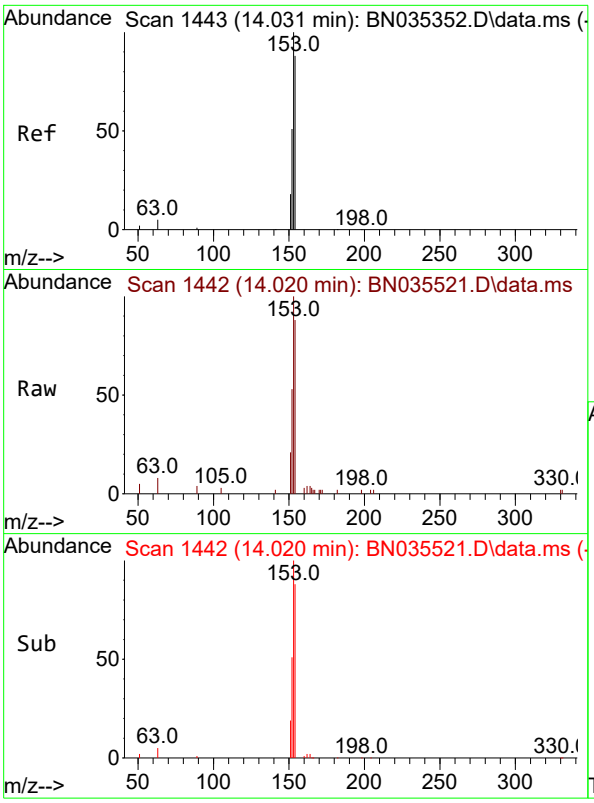


#16
Acenaphthylene
Concen: 0.517 ng
RT: 13.667 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:152 Resp: 5911

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2
153	12.9	10.4	15.6



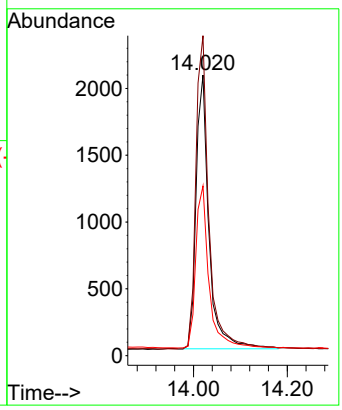


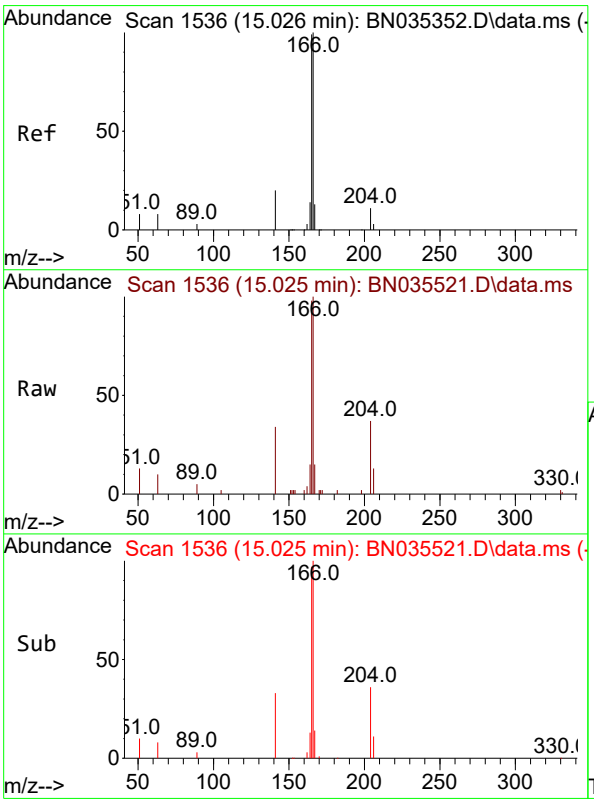
#17
Acenaphthene
Concen: 0.516 ng
RT: 14.020 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:154 Resp: 3915

Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.6	139.0
152	60.6	49.0	73.6

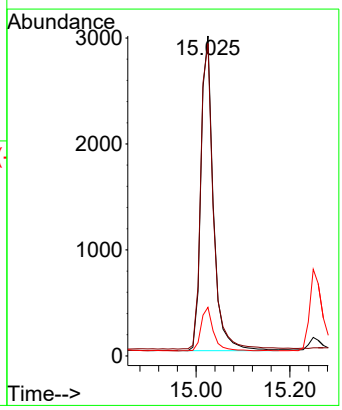


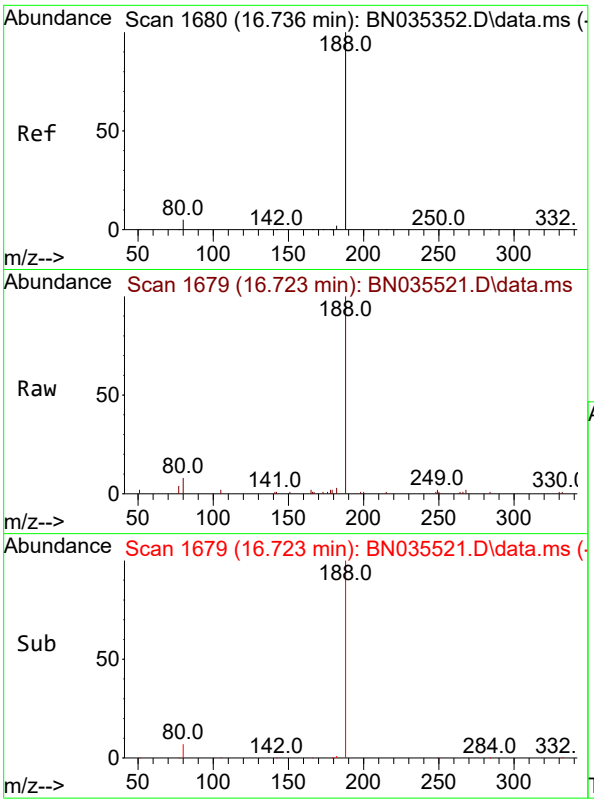


#18
Fluorene
Concen: 0.502 ng
RT: 15.025 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:166 Resp: 5450

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	13.9	10.8	16.2



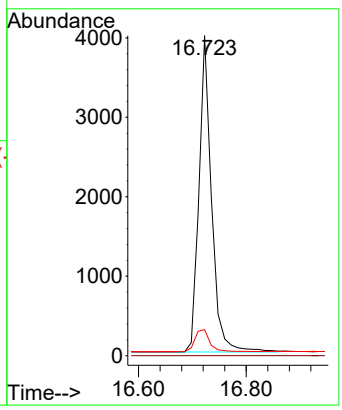


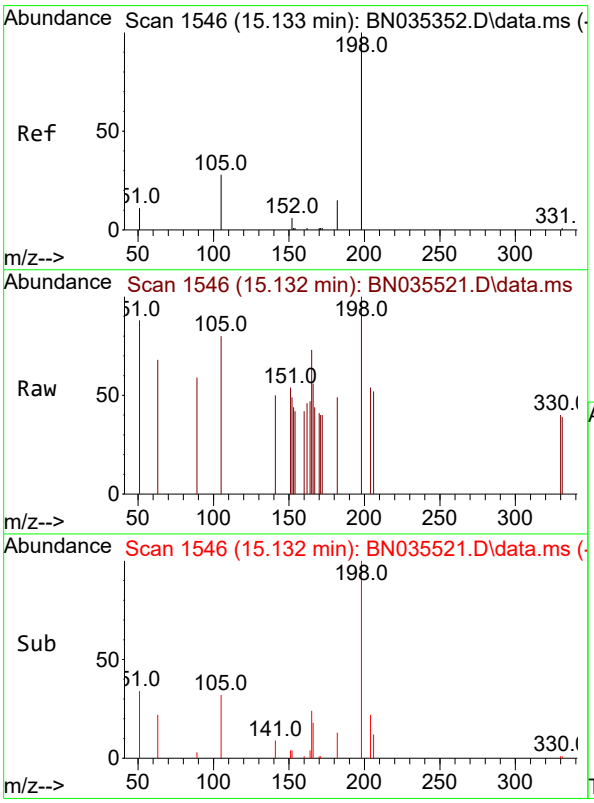
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:188 Resp: 6484

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	4.6	6.8#

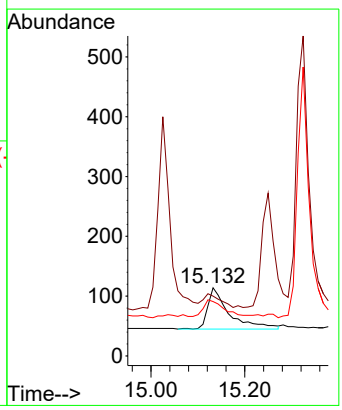


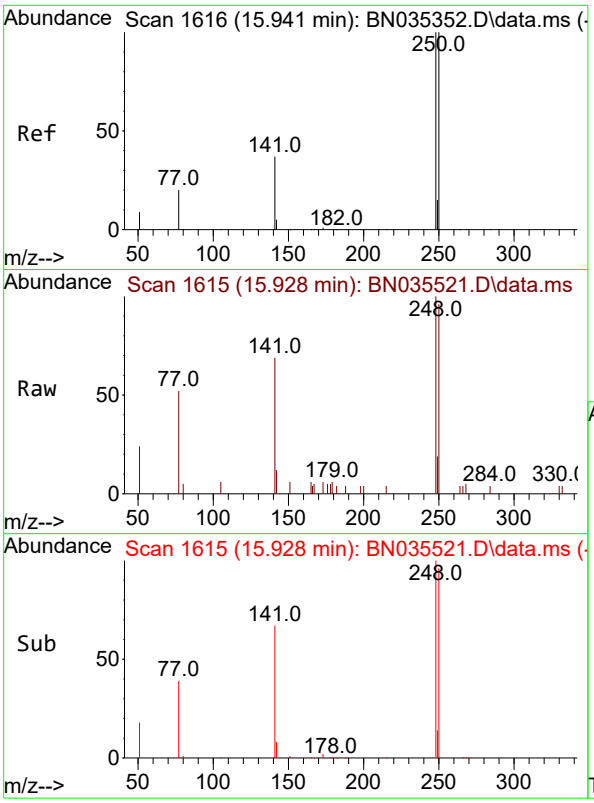


#20
4,6-Dinitro-2-methylphenol
Concen: 0.345 ng
RT: 15.132 min Scan# 1546
Delta R.T. -0.001 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:198 Resp: 220

Ion	Ratio	Lower	Upper
198	100		
51	87.7	46.5	69.7#
105	79.8	45.3	67.9#



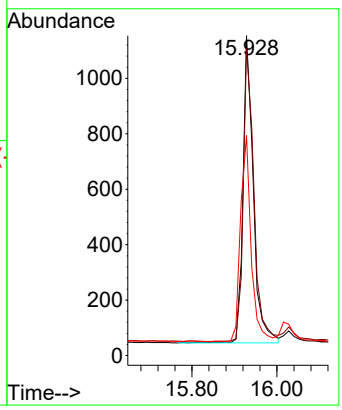


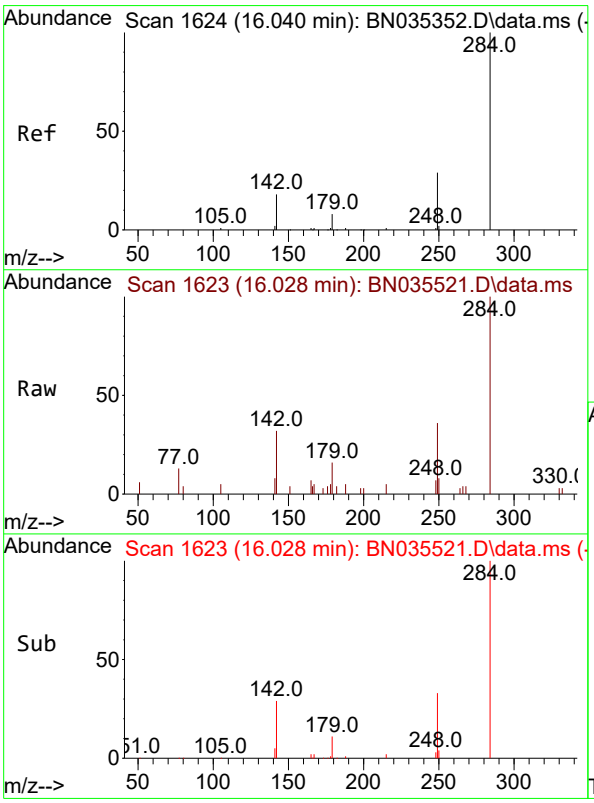
#21
4-Bromophenyl-phenylether
Concen: 0.492 ng
RT: 15.928 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:248 Resp: 1865

Ion	Ratio	Lower	Upper
248	100		
250	96.2	80.6	120.8
141	68.8	31.5	47.3#

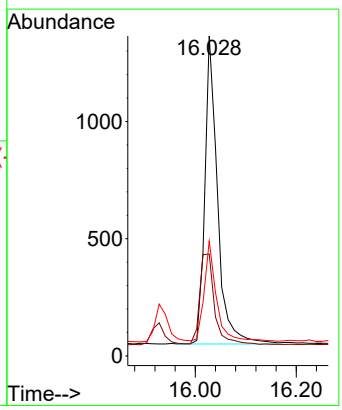


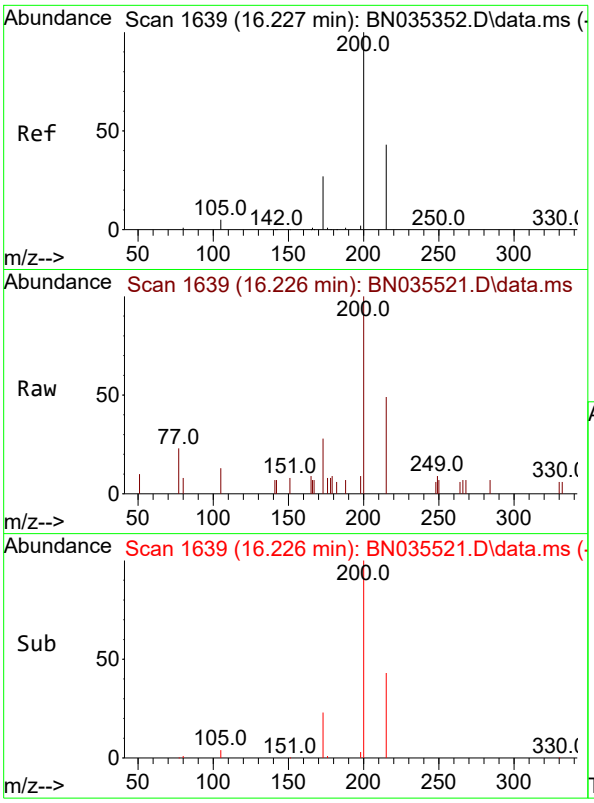


#22
Hexachlorobenzene
Concen: 0.516 ng
RT: 16.028 min Scan# 1623
Delta R.T. -0.013 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:284 Resp: 2296

Ion	Ratio	Lower	Upper
284	100		
142	34.6	26.7	40.1
249	31.4	24.6	36.8



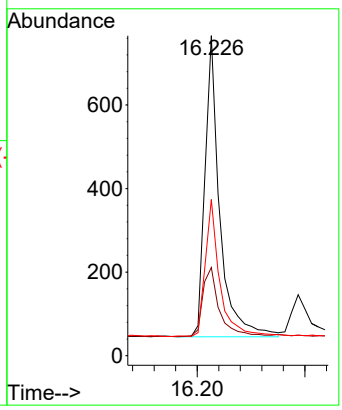


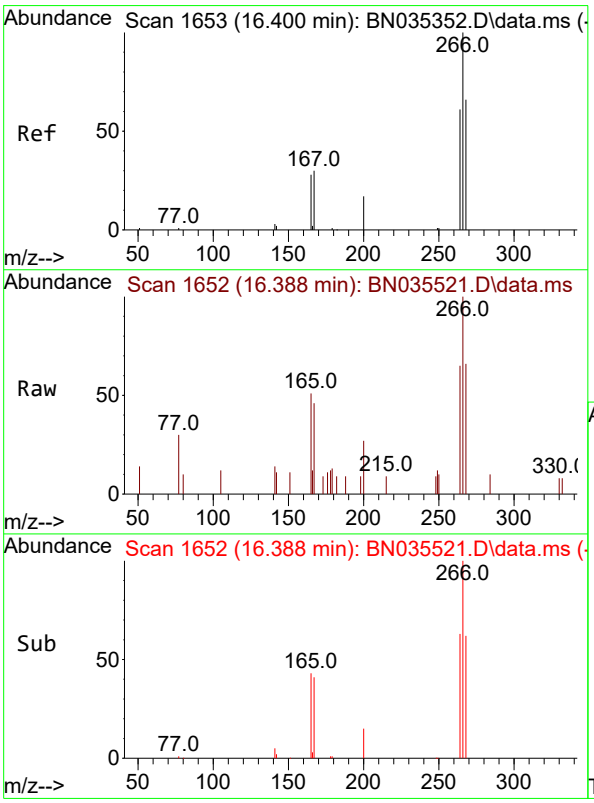
#23
Atrazine
Concen: 0.507 ng
RT: 16.226 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:200 Resp: 1369

Ion	Ratio	Lower	Upper
200	100		
173	27.5	24.1	36.1
215	48.8	36.9	55.3

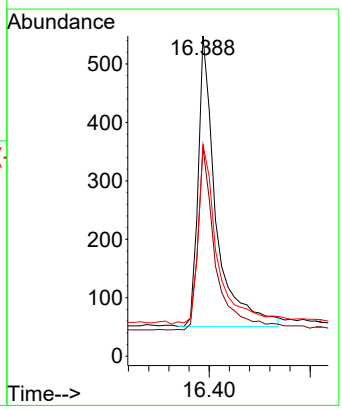


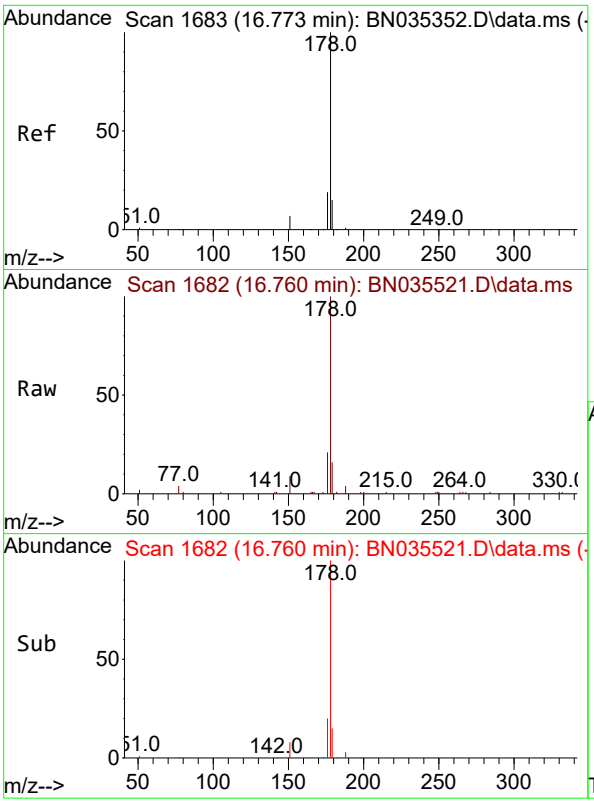


#24
Pentachlorophenol
Concen: 0.630 ng
RT: 16.388 min Scan# 1652
Delta R.T. -0.013 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:266 Resp: 1221

Ion	Ratio	Lower	Upper
266	100		
264	62.0	42.3	63.5
268	66.8	43.3	64.9#



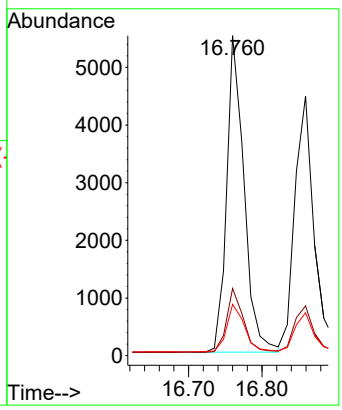


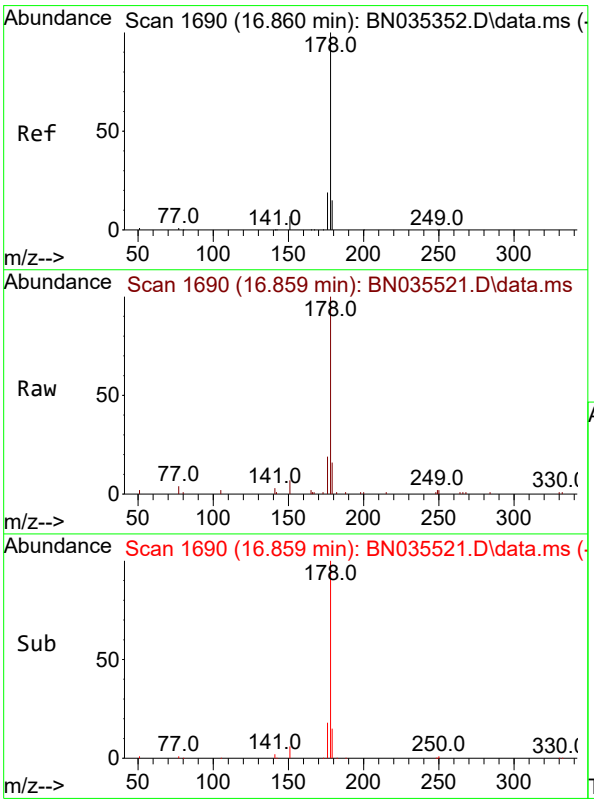
#25
Phenanthrene
Concen: 0.507 ng
RT: 16.760 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:178 Resp: 9023

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.3	18.5

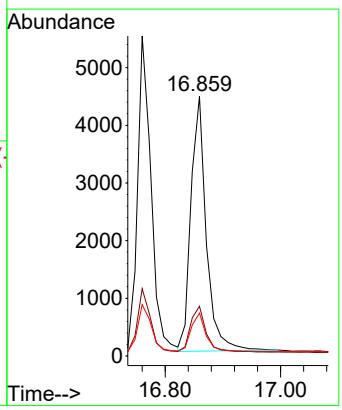


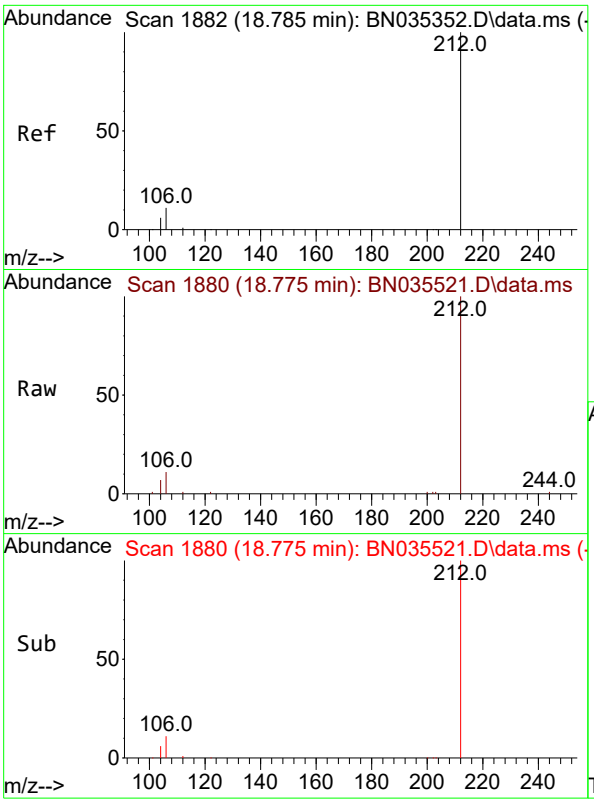


#26
Anthracene
Concen: 0.509 ng
RT: 16.859 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:178 Resp: 8197

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.2	12.6	18.8



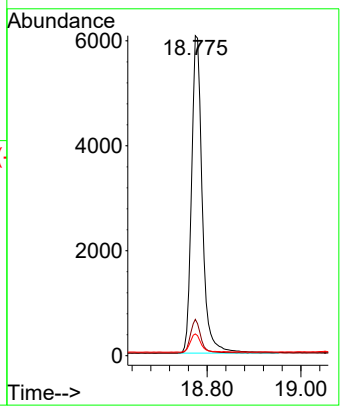


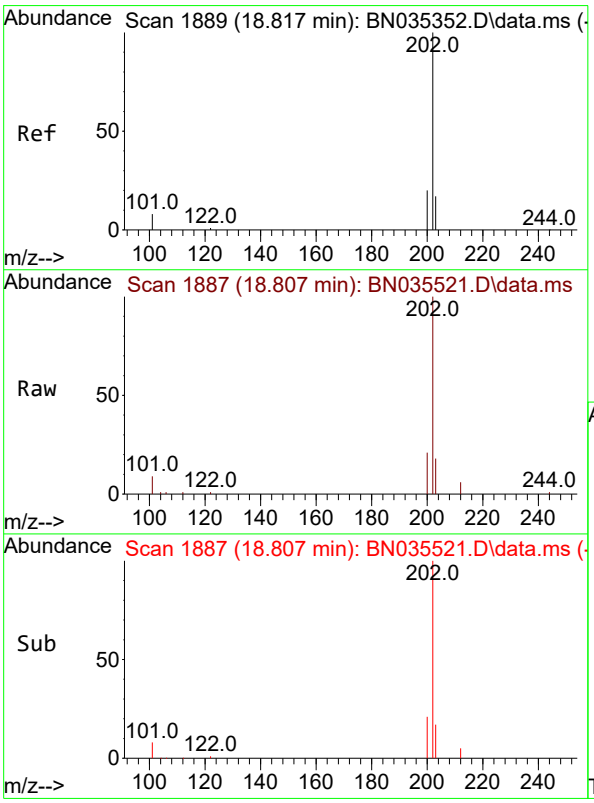
#27
Fluoranthene-d10
Concen: 0.524 ng
RT: 18.775 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:212 Resp: 9633

Ion	Ratio	Lower	Upper
212	100		
106	10.0	9.2	13.8
104	5.7	5.3	7.9

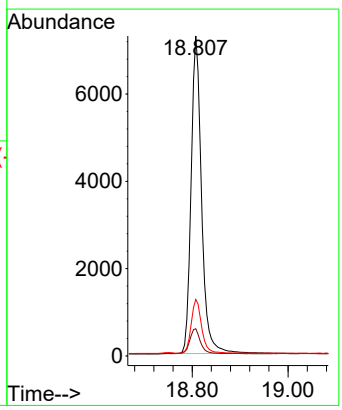


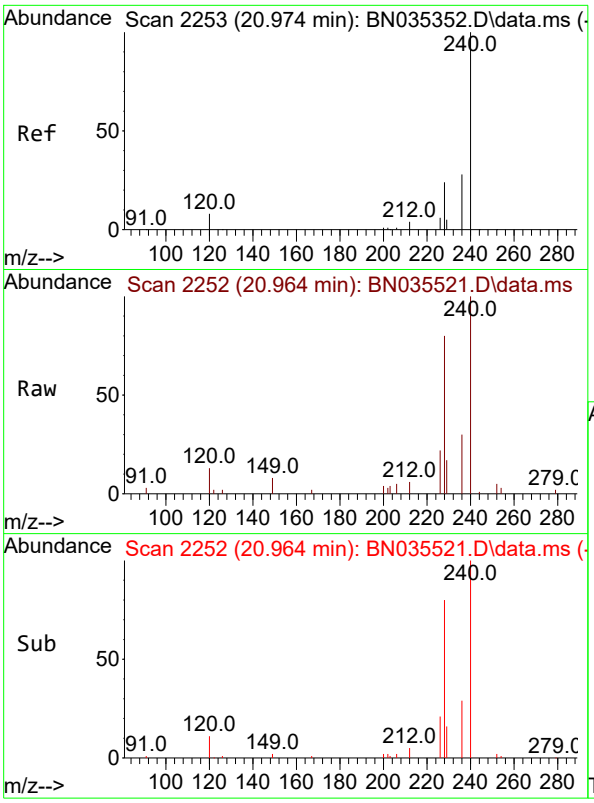


#28
Fluoranthene
Concen: 0.460 ng
RT: 18.807 min Scan# 1887
Delta R.T. -0.010 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:202 Resp: 11054

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.4	11.0
203	16.7	13.7	20.5



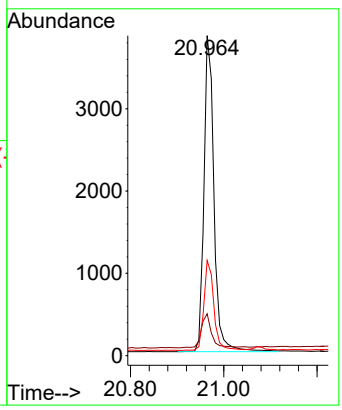


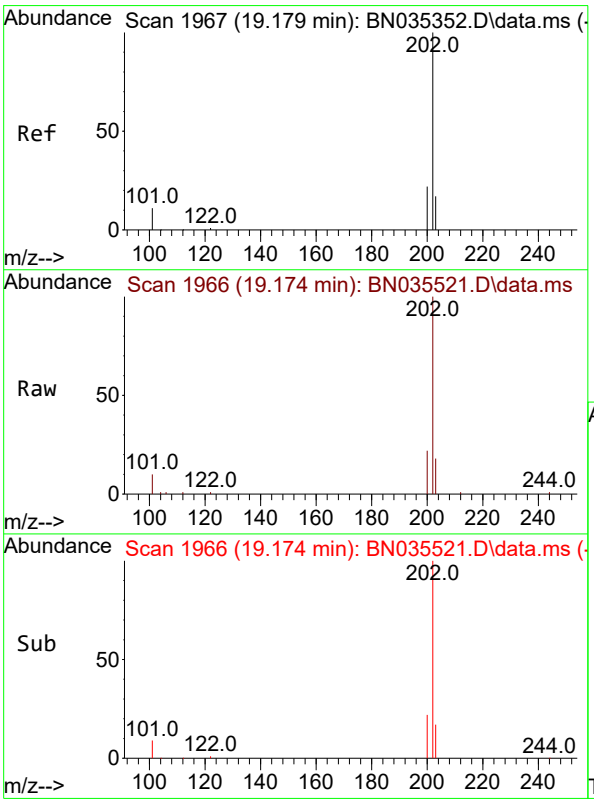
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.964 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:240 Resp: 5752

Ion	Ratio	Lower	Upper
240	100		
120	13.1	7.9	11.9#
236	29.8	22.9	34.3

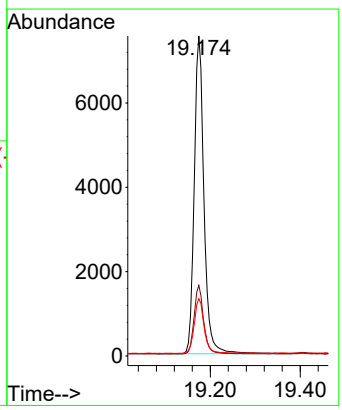


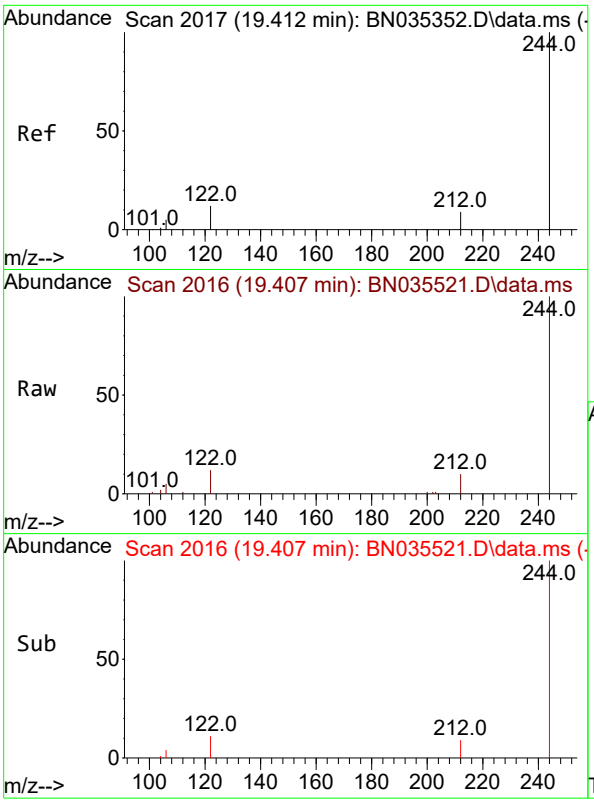


#30
Pyrene
Concen: 0.534 ng
RT: 19.174 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:202 Resp: 11339

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.6	14.3	21.5



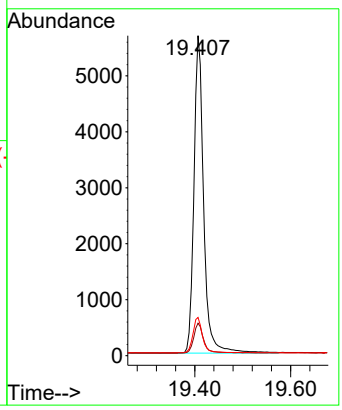


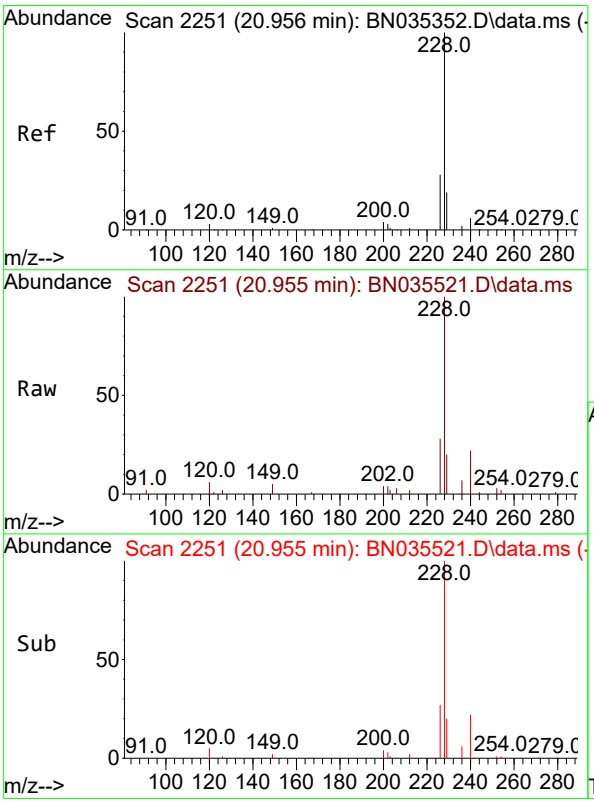
#31
Terphenyl-d14
Concen: 0.708 ng
RT: 19.407 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:244 Resp: 8032

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.1	12.1
122	12.0	10.3	15.5

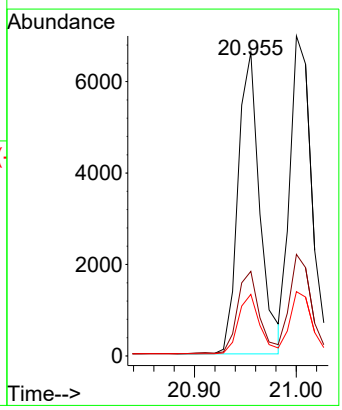


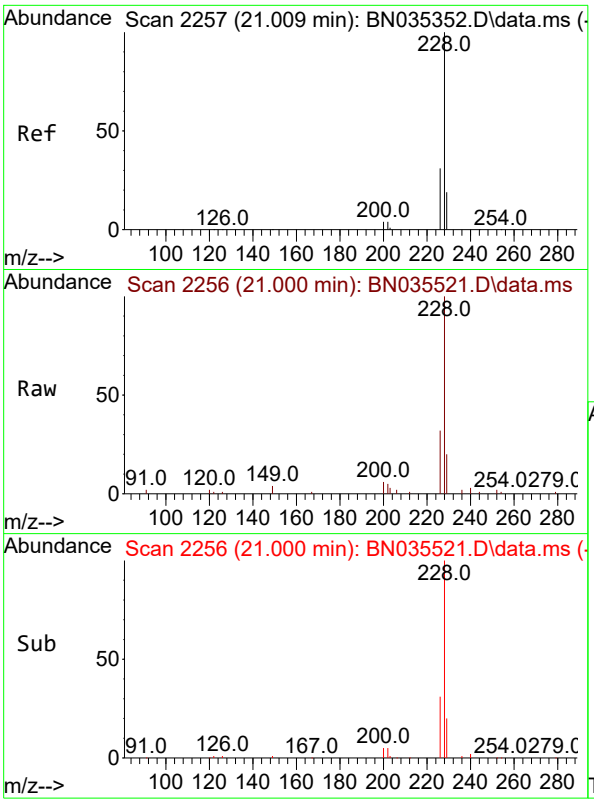


#32
Benzo(a)anthracene
Concen: 0.486 ng
RT: 20.955 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:228 Resp: 9769

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.3	15.8	23.8



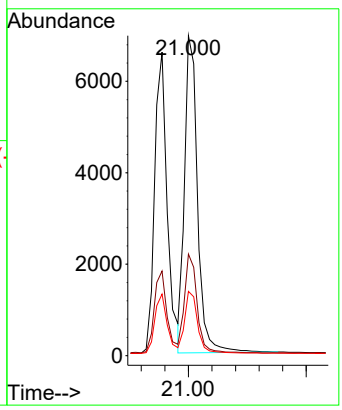


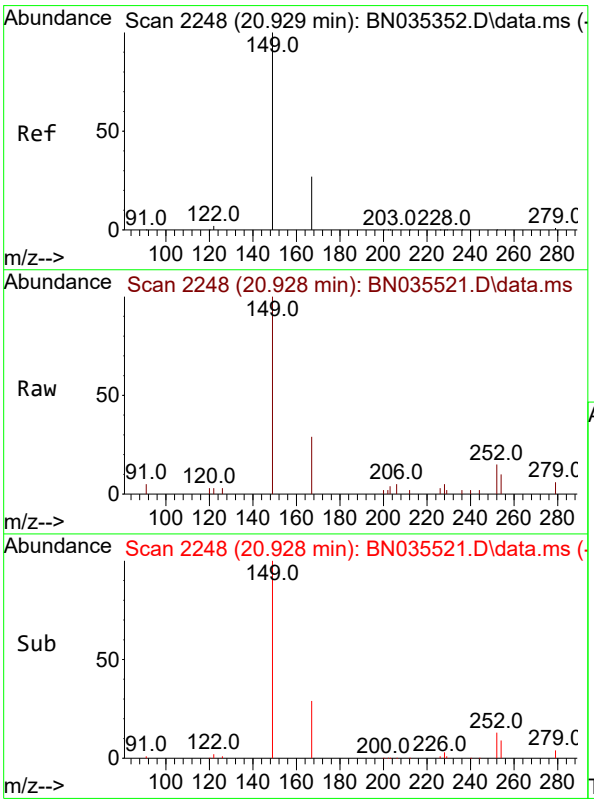
#33
Chrysene
Concen: 0.513 ng
RT: 21.000 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:228 Resp: 10640

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	20.1	15.9	23.9

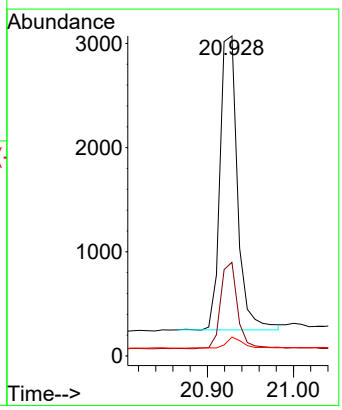


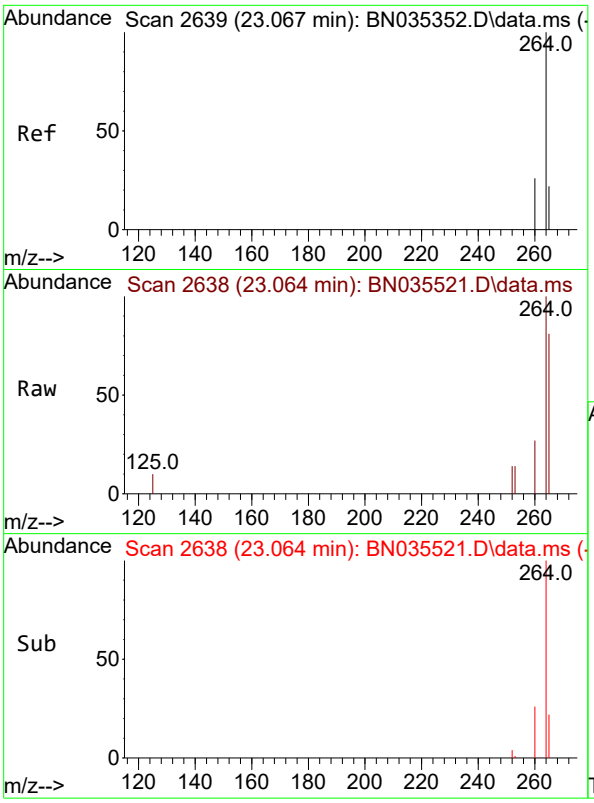


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.499 ng
RT: 20.928 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:149 Resp: 3969

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	3.5	2.7	4.1



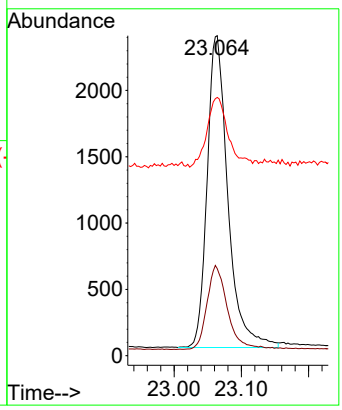


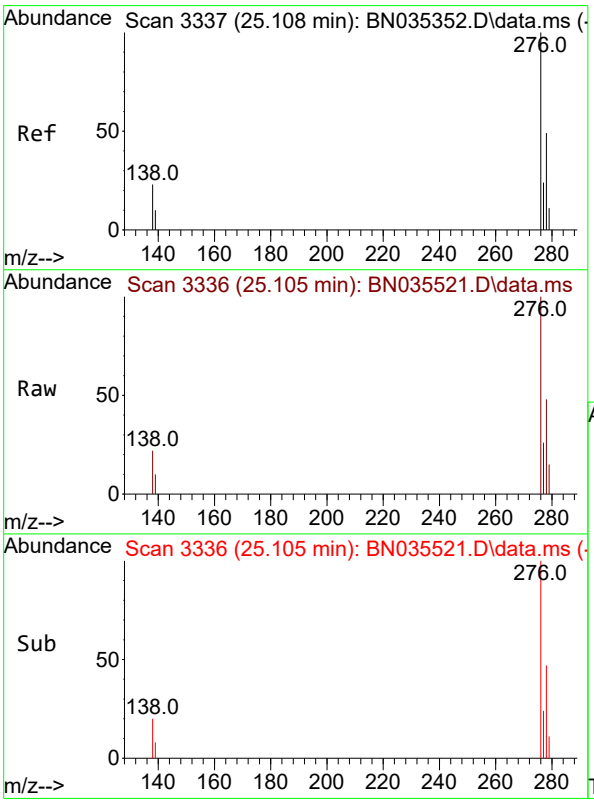
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.064 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:264 Resp: 5037

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	80.7	40.2	60.4#

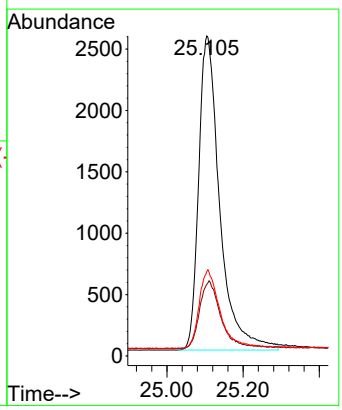


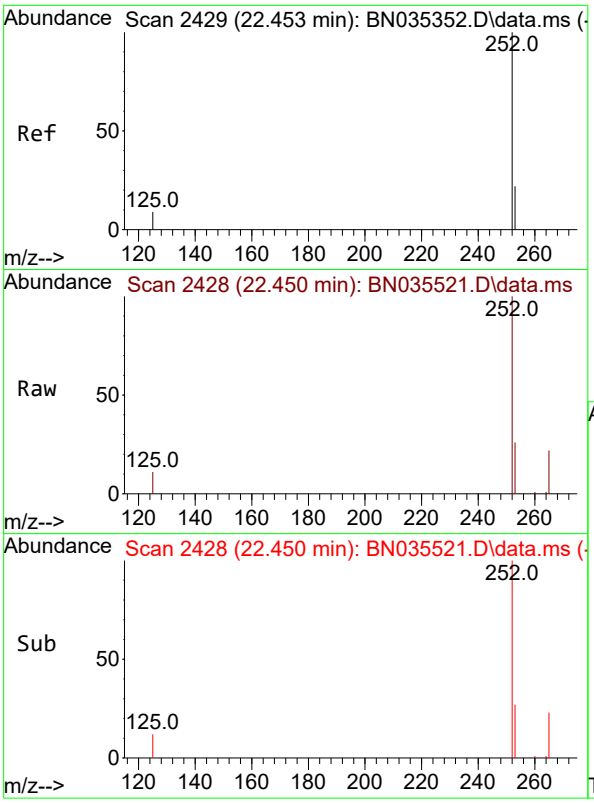


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.499 ng
RT: 25.105 min Scan# 3336
Delta R.T. -0.003 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:276 Resp: 9817

Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.4	29.0
277	24.5	19.8	29.6



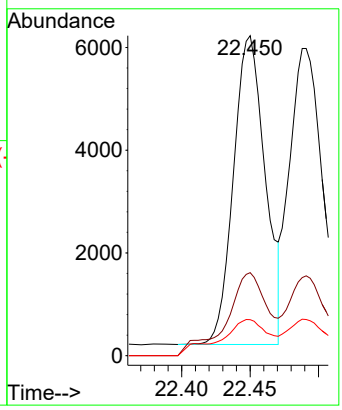


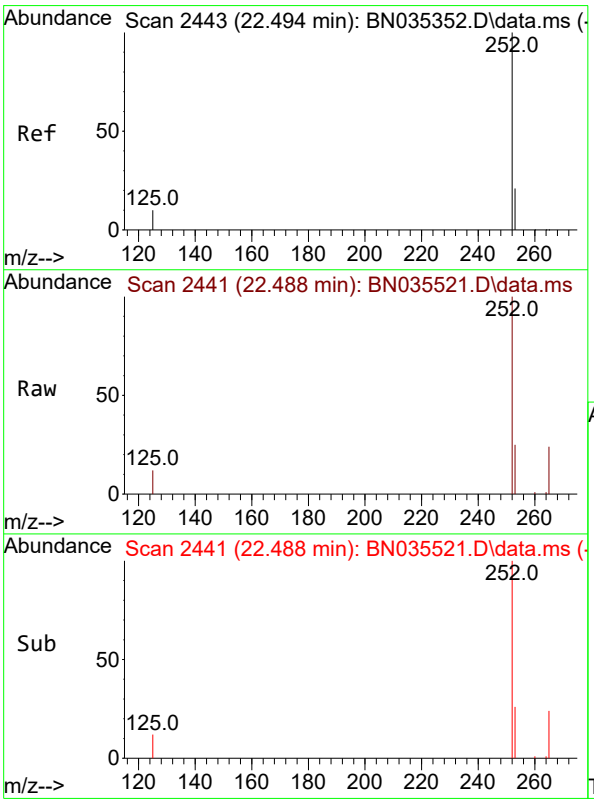
#37
Benzo(b)fluoranthene
Concen: 0.573 ng
RT: 22.450 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:252 Resp: 10566

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	11.2	9.6	14.4

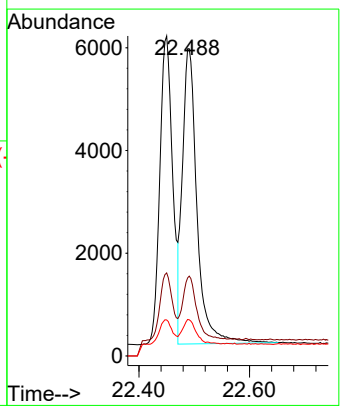


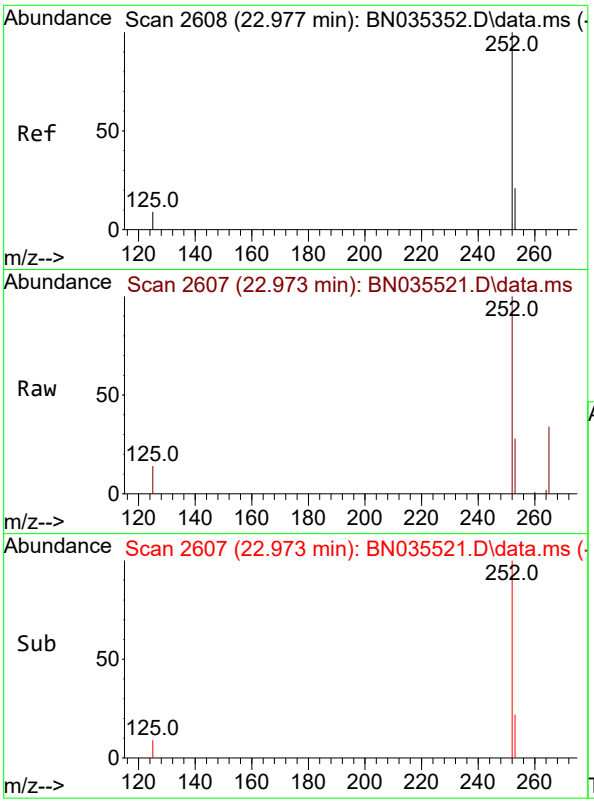


#38
Benzo(k)fluoranthene
Concen: 0.584 ng
RT: 22.488 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:252 Resp: 10589

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.5	29.3
125	11.9	10.2	15.4



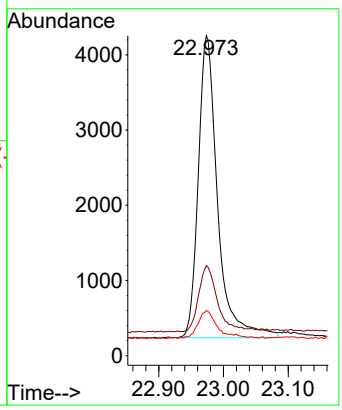


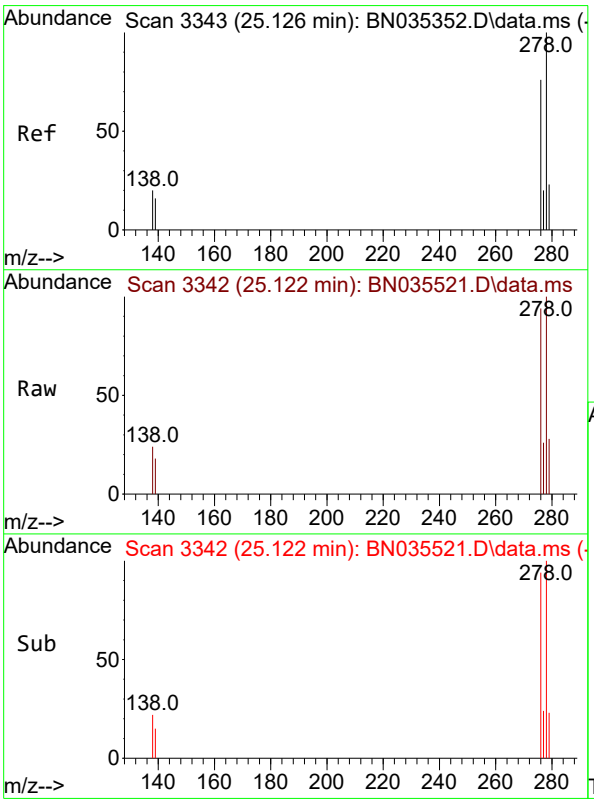
#39
Benzo(a)pyrene
Concen: 0.549 ng
RT: 22.973 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:252 Resp: 8337

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.2	30.4
125	14.1	10.9	16.3

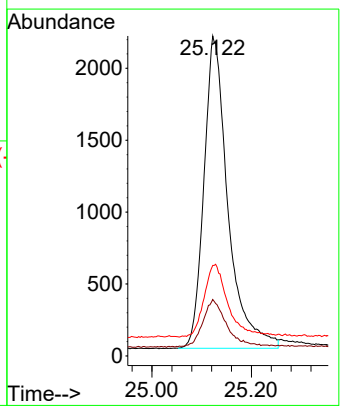


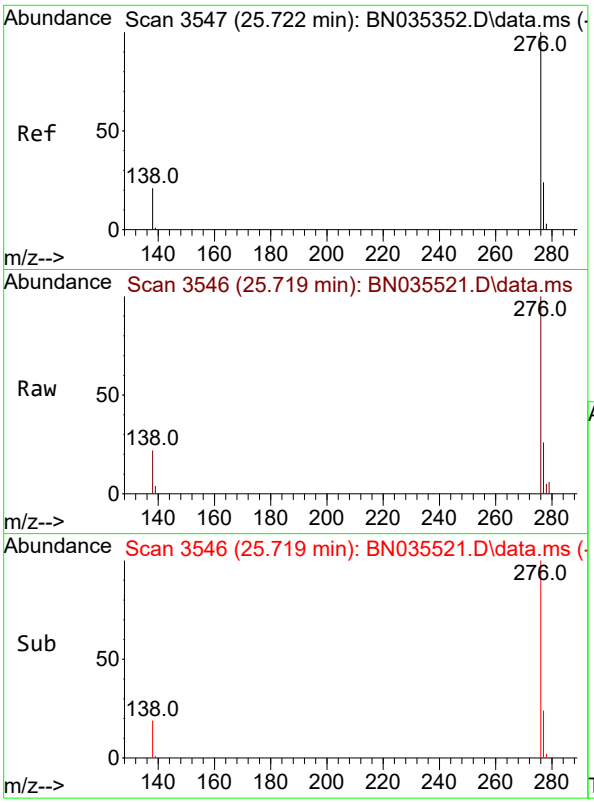


#40
Dibenzo(a,h)anthracene
Concen: 0.469 ng
RT: 25.122 min Scan# 3342
Delta R.T. -0.003 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Tgt Ion:278 Resp: 7294

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.4
279	28.3	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.493 ng
RT: 25.719 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035521.D
Acq: 09 Dec 2024 23:43

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:276 Resp: 7998

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.9	29.9
138	21.6	17.8	26.8