Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035529.D
Acq On : 10 Dec 2024 12:03
Operator : RC/JU
Sample : PB165497BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Quant Time: Dec 10 12:29:35 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	7.293	152	1941	0.400	ng	-0.01
7) Naphthalene-d8	10.041	136	5150	0.400	ng	#-0.01
13) Acenaphthene-d10	13.957	164	3668	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	9298	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	7541	0.400	ng	# 0.00
35) Perylene-d12	23.062	264	6738	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	1717	0.353	ng	-0.01
5) Phenol-d6	6.499	99	2115	0.362	ng	-0.01
8) Nitrobenzene-d5	8.429	82	1569	0.499	ng	-0.01
11) 2-Methylnaphthalene-d10	11.641	152	4295	0.533	ng	-0.02
14) 2,4,6-Tribromophenol	15.475	330	578	0.222	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	5507	0.397	ng	-0.01
27) Fluoranthene-d10	18.775	212	9641	0.366	ng	0.00
31) Terphenyl-d14	19.407	244	7098	0.477	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.989	88	647	0.349	ng	# 56
3) n-Nitrosodimethylamine	3.285	42	661	0.428	ng	# 94
6) bis(2-Chloroethyl)ether	6.744	93	1900	0.387	ng	99
9) Naphthalene	10.084	128	5241	0.386	ng	99
10) Hexachlorobutadiene	10.383	225	1268	0.405	ng	# 98
12) 2-Methylnaphthalene	11.717	142	3778	0.388	ng	98
16) Acenaphthylene	13.668	152	6063	0.394	ng	99
17) Acenaphthene	14.021	154	4005	0.392	ng	100
18) Fluorene	15.026	166	5751	0.393	ng	99
20) 4,6-Dinitro-2-methylph...	15.133	198	209	0.229	ng	# 59
21) 4-Bromophenyl-phenylether	15.929	248	2020	0.371	ng	# 83
22) Hexachlorobenzene	16.028	284	2497	0.391	ng	98
23) Atrazine	16.227	200	1417	0.366	ng	95
24) Pentachlorophenol	16.388	266	914	0.329	ng	89
25) Phenanthrene	16.760	178	9843	0.385	ng	100
26) Anthracene	16.860	178	8899	0.385	ng	99
28) Fluoranthene	18.808	202	11483	0.334	ng	98
30) Pyrene	19.175	202	11774	0.423	ng	100
32) Benzo(a)anthracene	20.956	228	10084	0.382	ng	99
33) Chrysene	21.001	228	10858	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	20.920	149	4232	0.406	ng	99
36) Indeno(1,2,3-cd)pyrene	25.102	276	9995	0.379	ng	96
37) Benzo(b)fluoranthene	22.450	252	11361	0.461	ng	98
38) Benzo(k)fluoranthene	22.491	252	10907	0.450	ng	97
39) Benzo(a)pyrene	22.971	252	8432	0.415	ng	97
40) Dibenzo(a,h)anthracene	25.126	278	7420	0.357	ng	96
41) Benzo(g,h,i)perylene	25.713	276	8161	0.376	ng	98

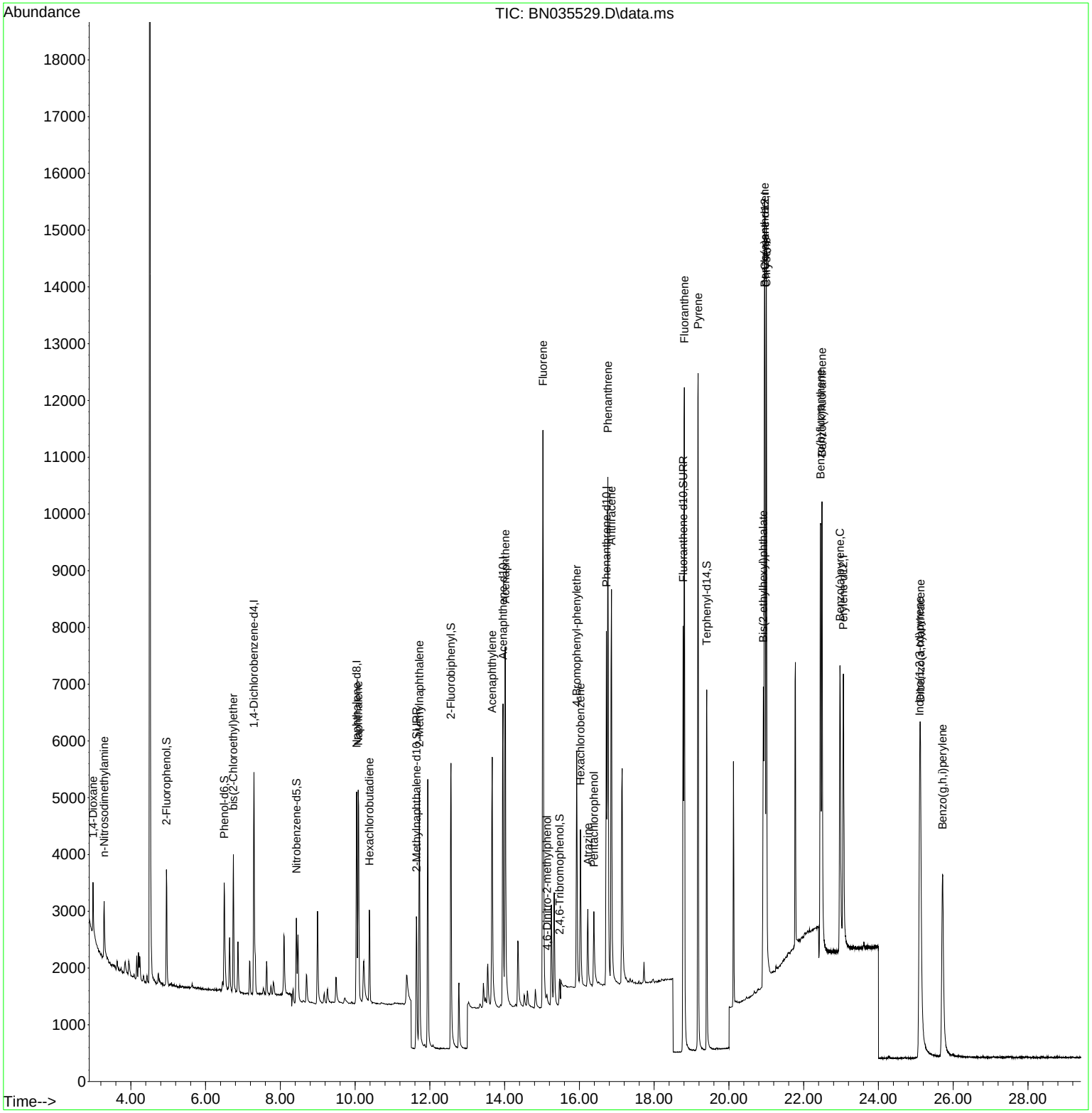
(#) = qualifier out of range (m) = manual integration (+) = signals summed

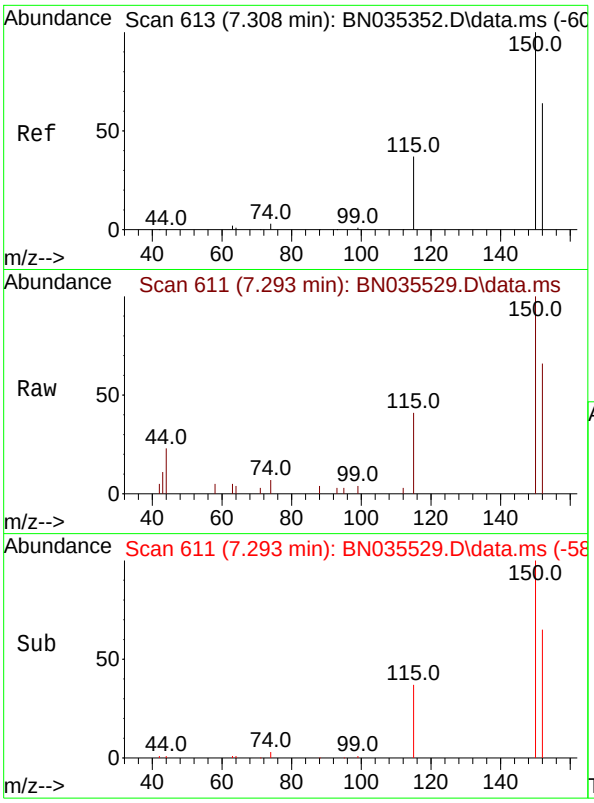
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035529.D
Acq On : 10 Dec 2024 12:03
Operator : RC/JU
Sample : PB165497BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Quant Time: Dec 10 12:29:35 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



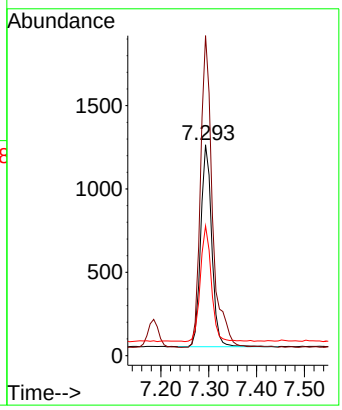


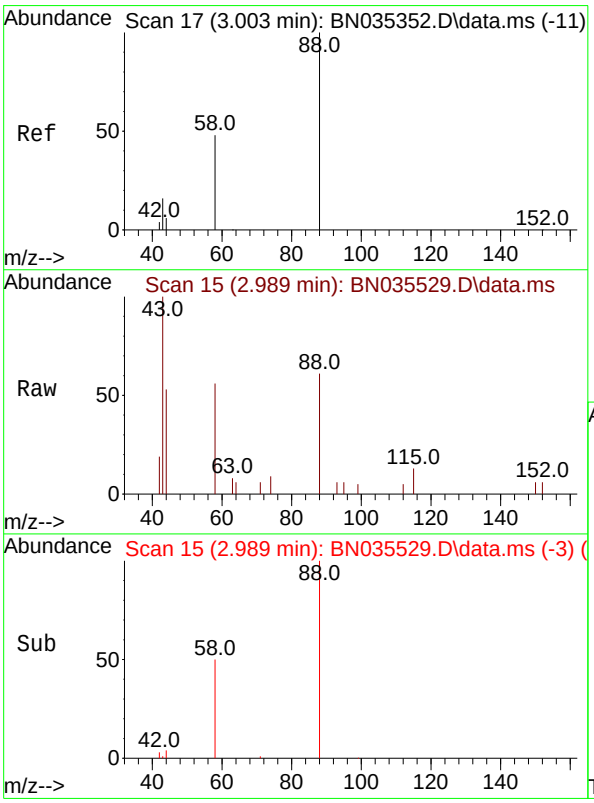
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.293 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:152 Resp: 1941

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.0	186.0
115	61.5	49.6	74.4

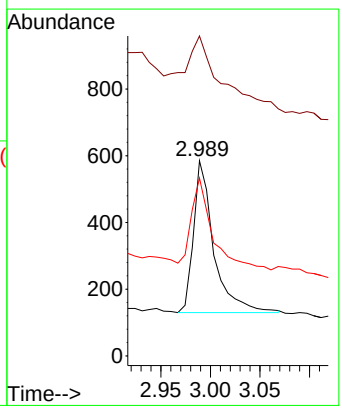


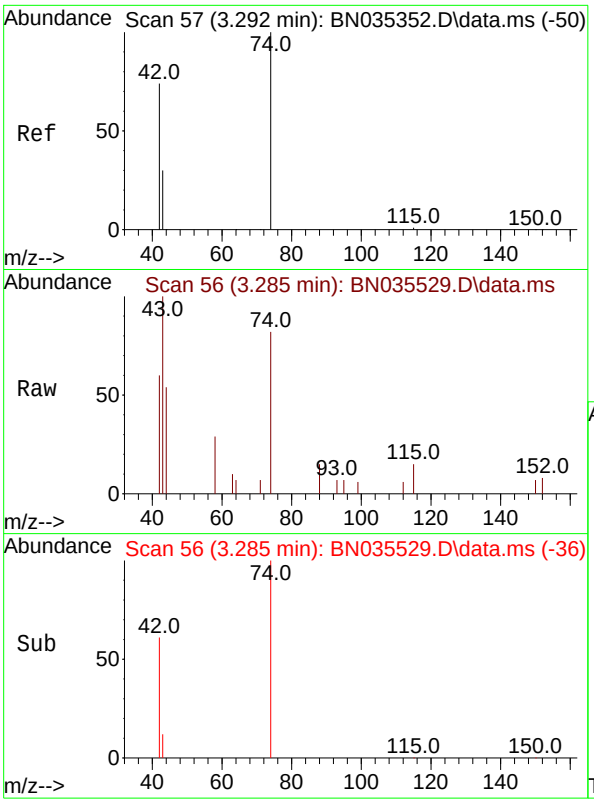


#2
1,4-Dioxane
Concen: 0.349 ng
RT: 2.989 min Scan# 15
Delta R.T. -0.014 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion: 88 Resp: 647

Ion	Ratio	Lower	Upper
88	100		
43	81.6	17.2	25.8#
58	63.8	44.5	66.7



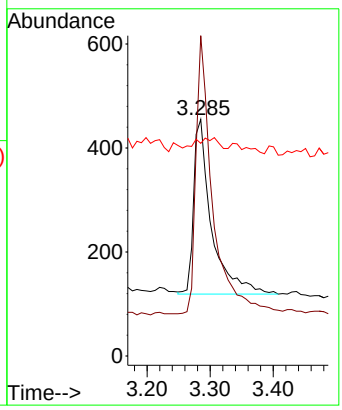


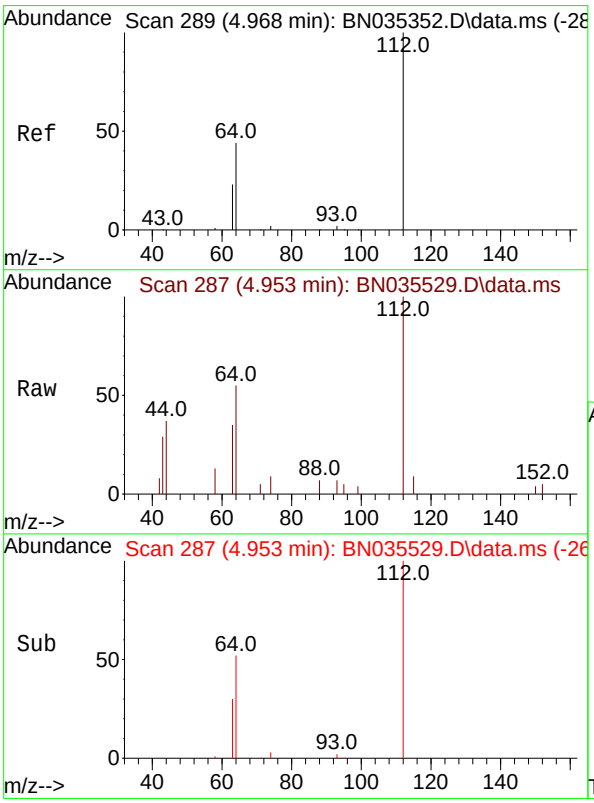
#3
n-Nitrosodimethylamine
Concen: 0.428 ng
RT: 3.285 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion: 42 Resp: 661

Ion	Ratio	Lower	Upper
42	100		
74	148.9	124.9	187.3
44	0.0	2.2	3.4#

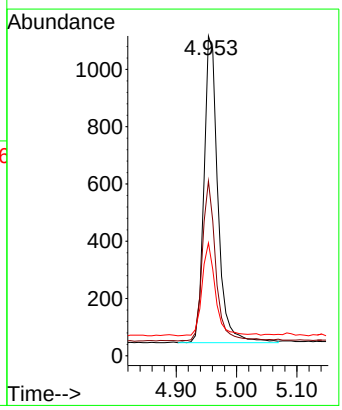


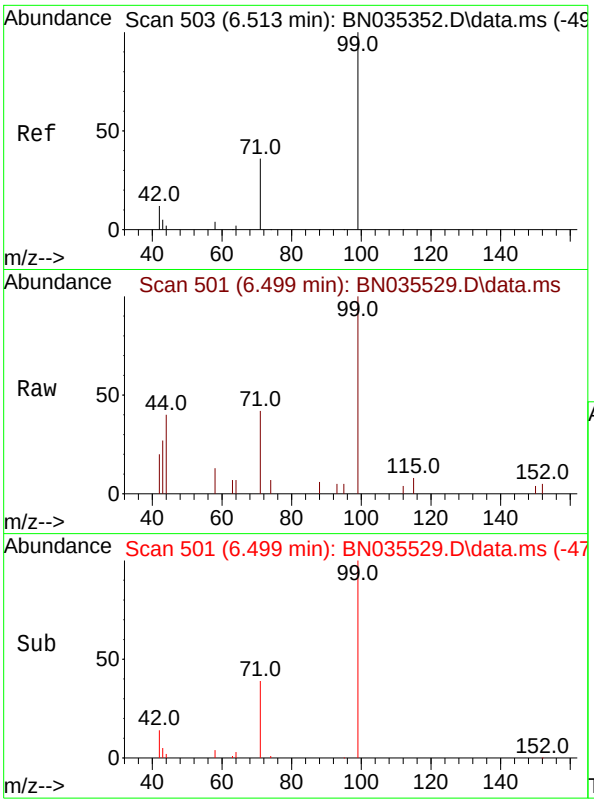


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.014 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:112 Resp: 1717

Ion	Ratio	Lower	Upper
112	100		
64	50.2	39.8	59.8
63	28.9	21.0	31.6



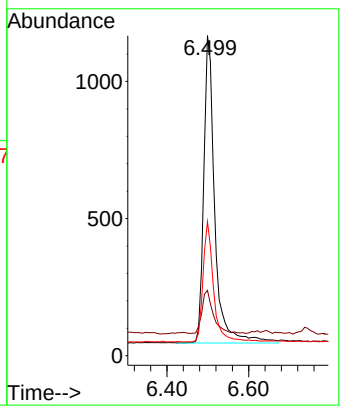


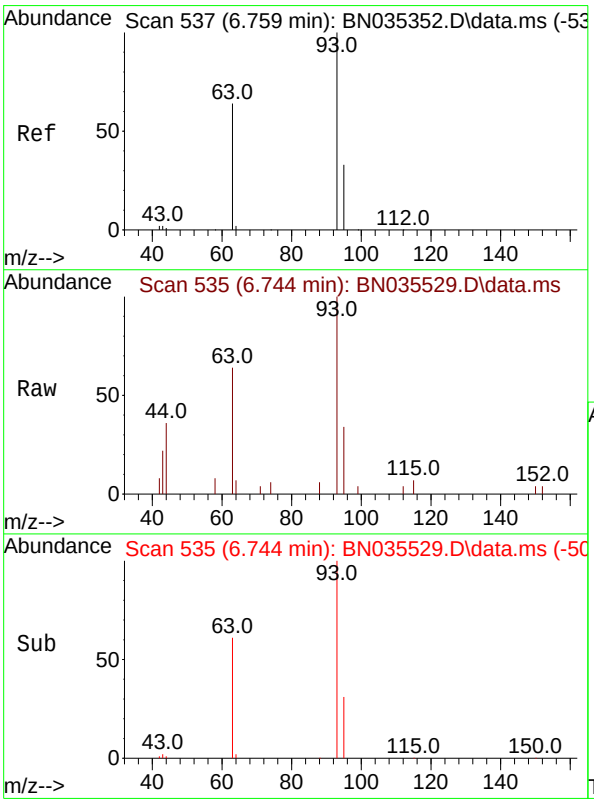
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.499 min Scan# 5(
Delta R.T. -0.014 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion: 99 Resp: 2115

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.4	17.2
71	37.3	29.3	43.9

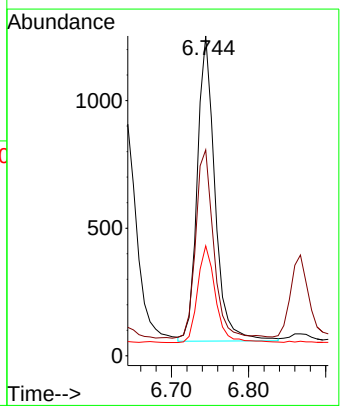


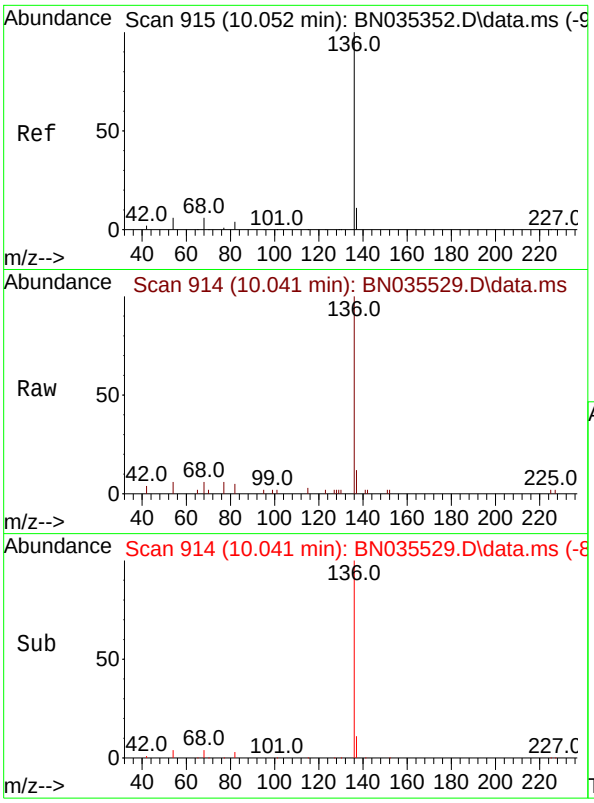


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 6.744 min Scan# 535
Delta R.T. -0.014 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion: 93 Resp: 1900

Ion	Ratio	Lower	Upper
93	100		
63	62.2	50.4	75.6
95	32.2	25.7	38.5



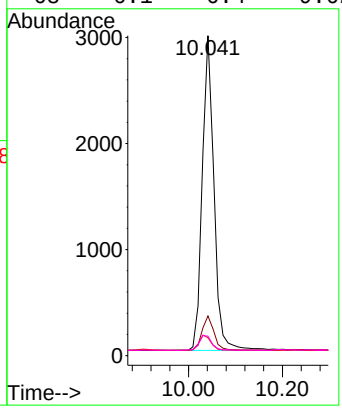


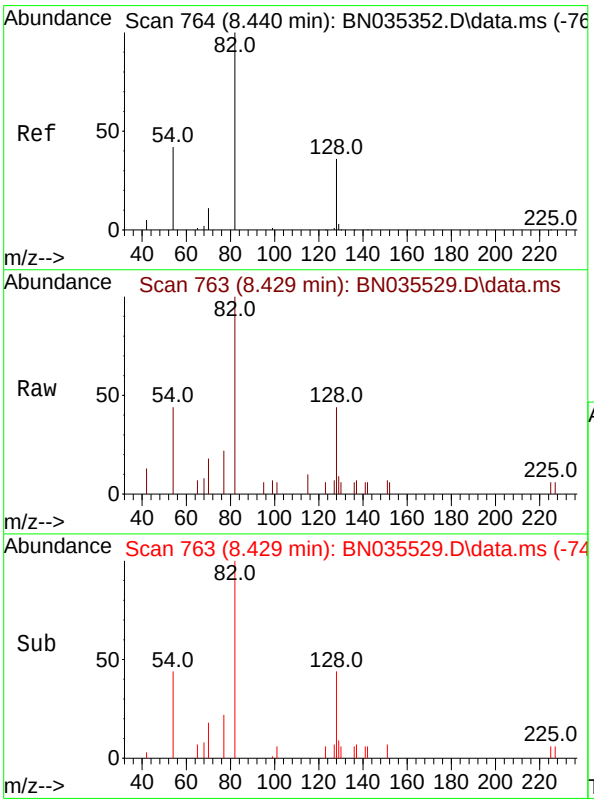
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:136 Resp: 5150

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.2	15.2
54	5.6	6.1	9.1#
68	6.1	6.4	9.6#

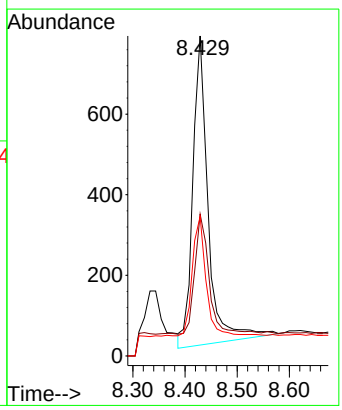


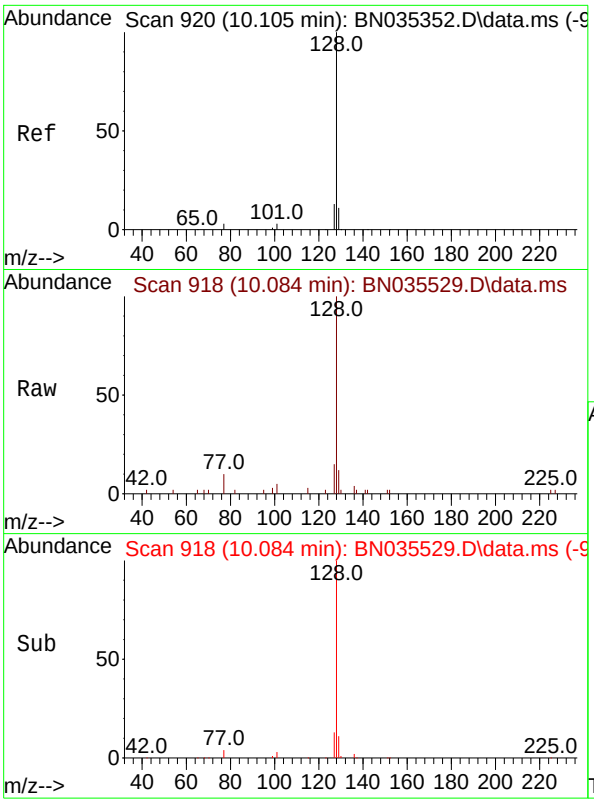


#8
Nitrobenzene-d5
Concen: 0.499 ng
RT: 8.429 min Scan# 763
Delta R.T. -0.011 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion: 82 Resp: 1569

Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.4	50.0
54	43.6	36.7	55.1



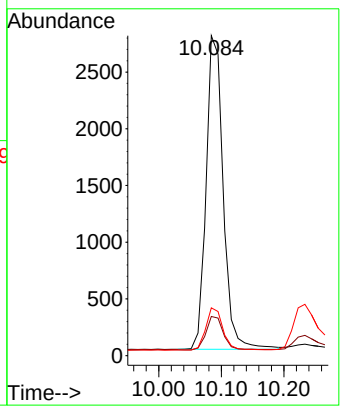


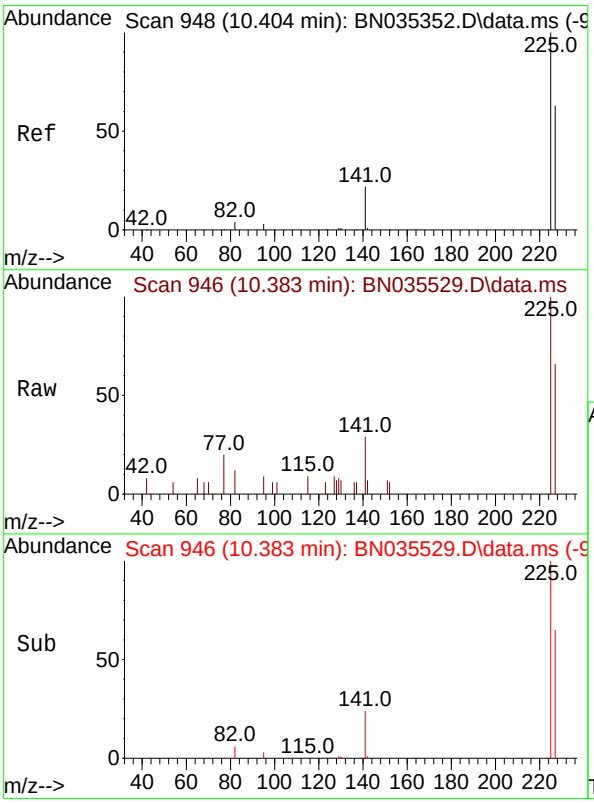
#9
Naphthalene
Concen: 0.386 ng
RT: 10.084 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:128 Resp: 5241

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.9	11.4	17.2

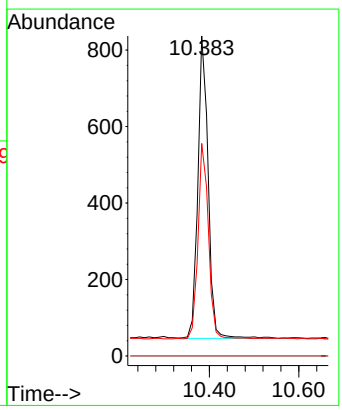


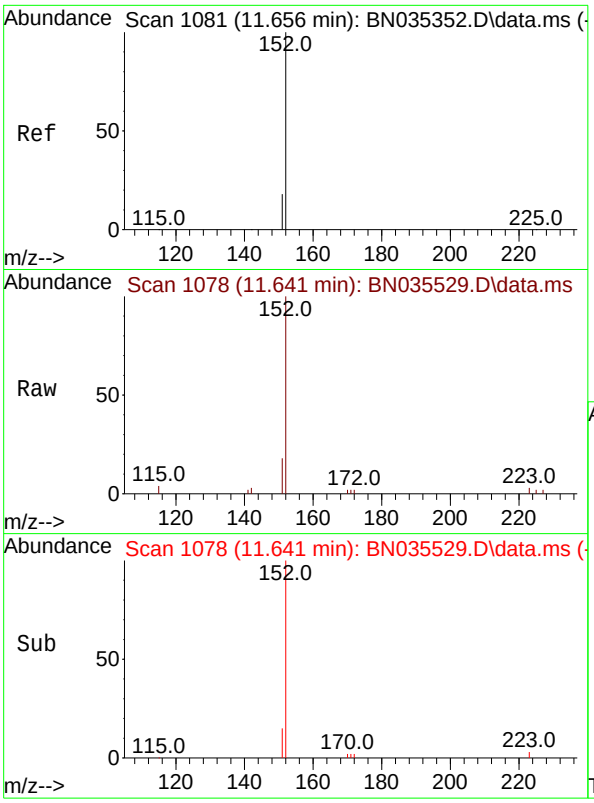


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.383 min Scan# 946
Delta R.T. -0.021 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:225 Resp: 1268

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.3	51.3	76.9



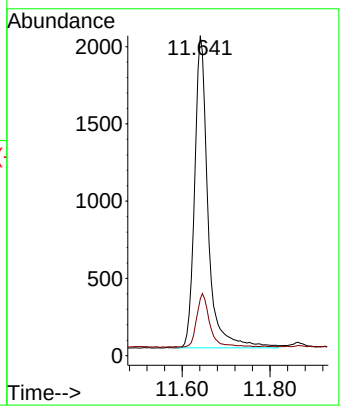


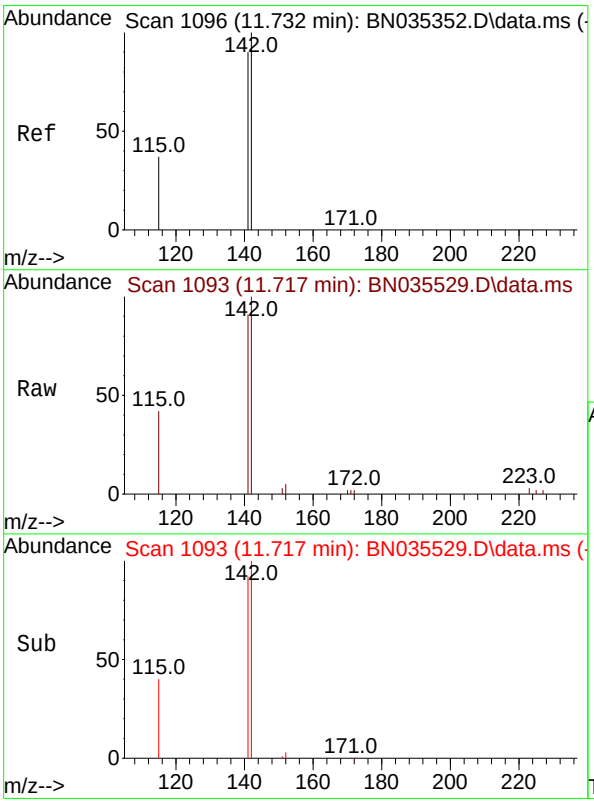
#11
2-Methylnaphthalene-d10
Concen: 0.533 ng
RT: 11.641 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:152 Resp: 4295

Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.6	25.0

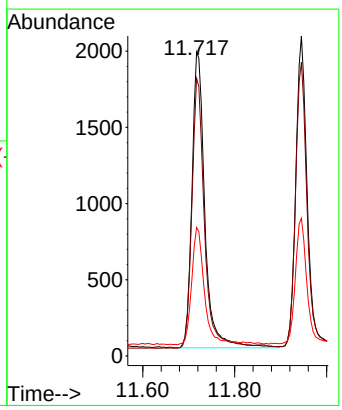


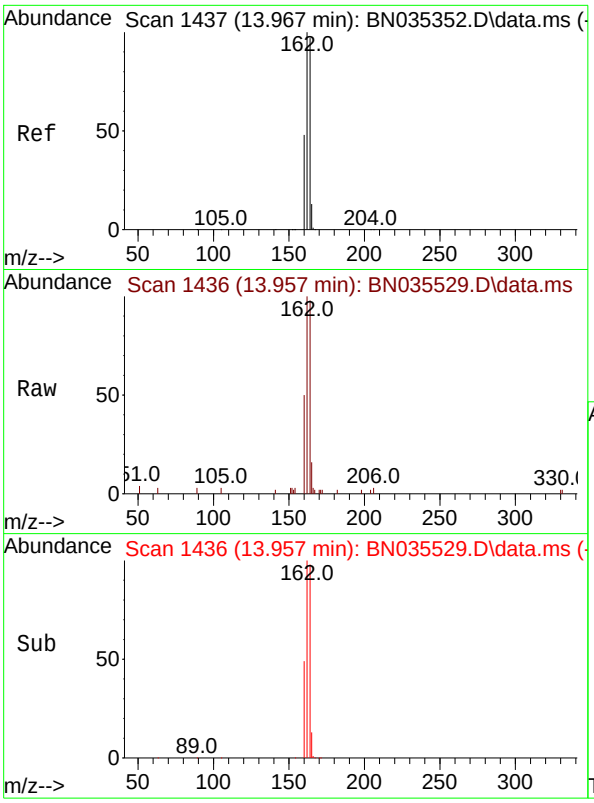


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 11.717 min Scan# 1093
Delta R.T. -0.015 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:142 Resp: 3778

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.4
115	42.3	31.4	47.0



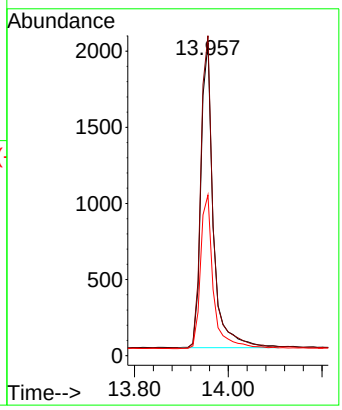


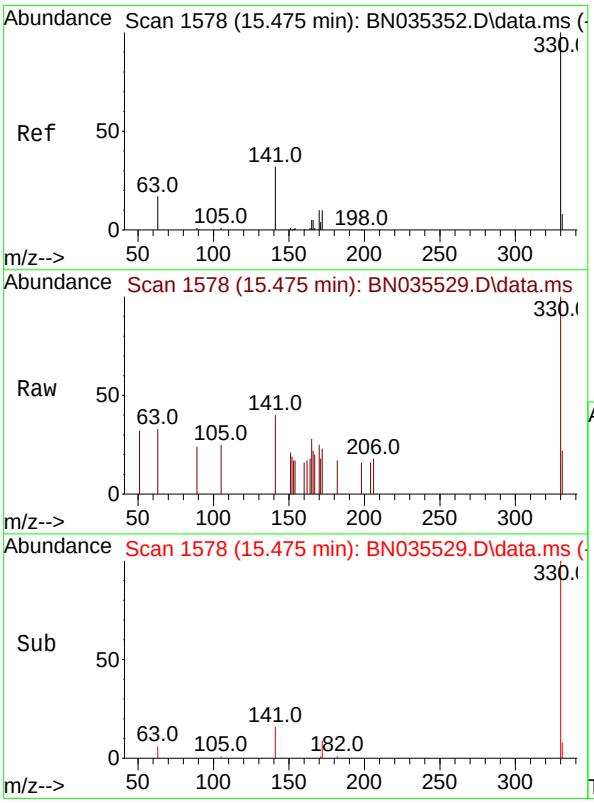
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:164 Resp: 3668

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	51.3	40.1	60.1

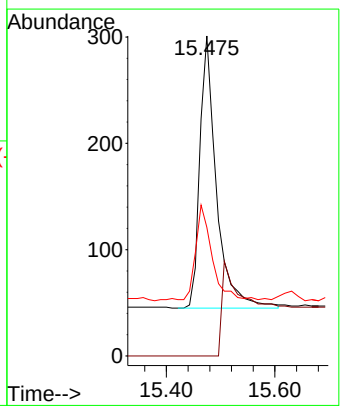


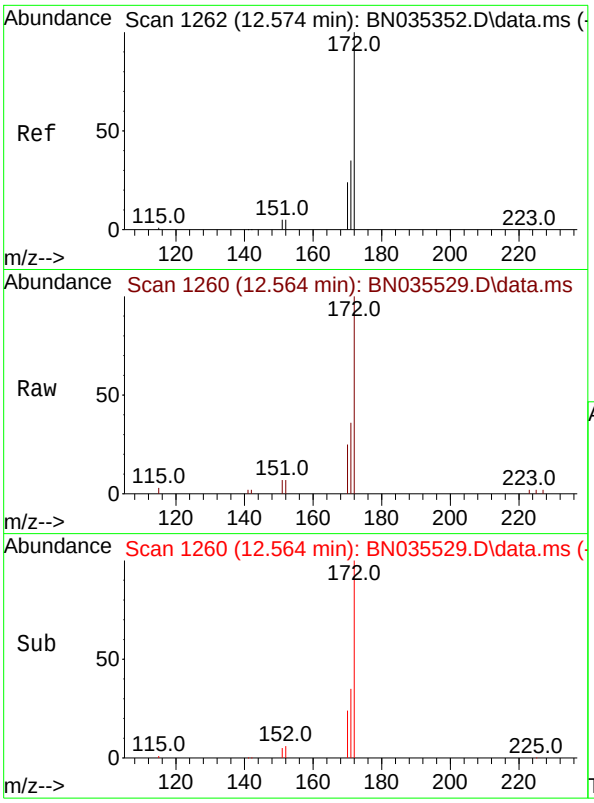


#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:330 Resp: 578

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	26.6	40.0



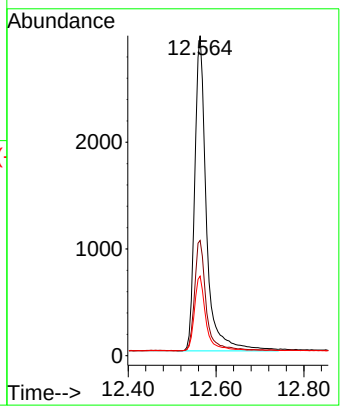


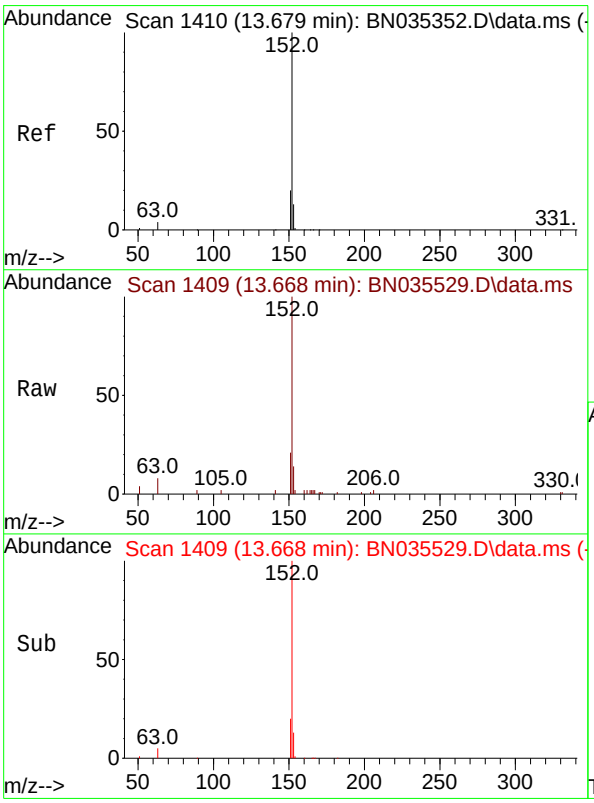
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.564 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:172 Resp: 5507

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.8	19.8	29.8

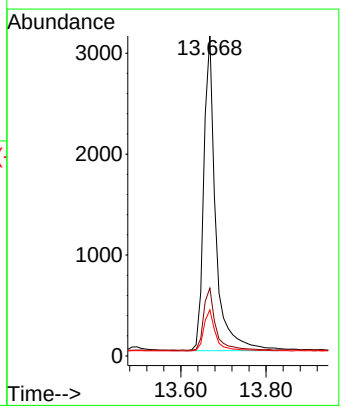


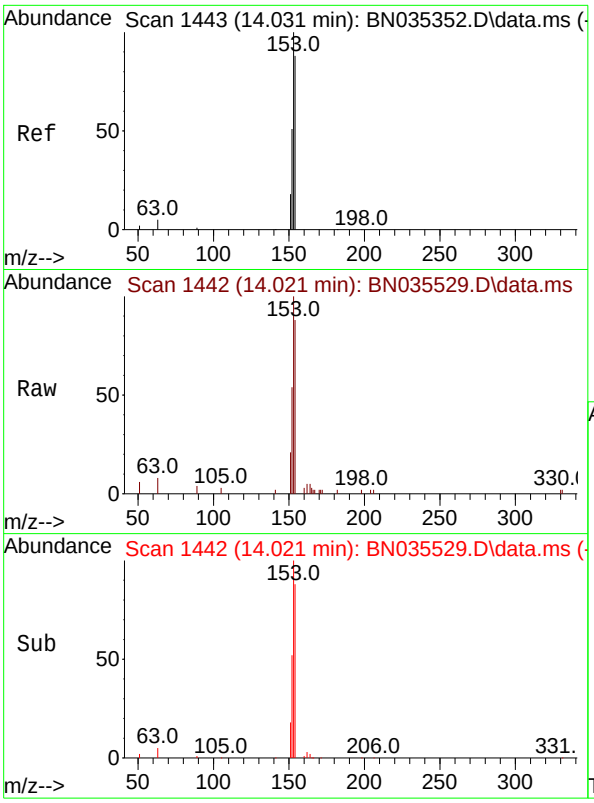


#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.668 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:152 Resp: 6063

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.4	10.4	15.6



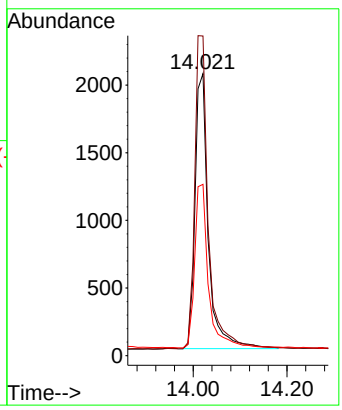


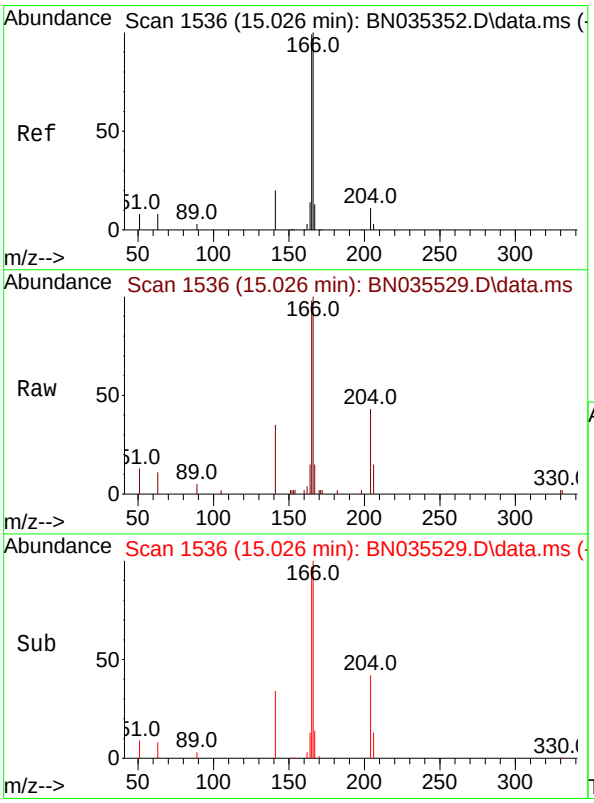
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.021 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:154 Resp: 4005

Ion	Ratio	Lower	Upper
154	100		
153	116.4	92.6	139.0
152	61.4	49.0	73.6

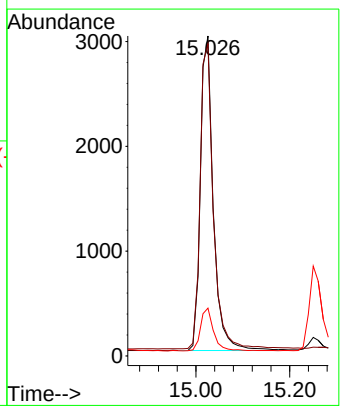


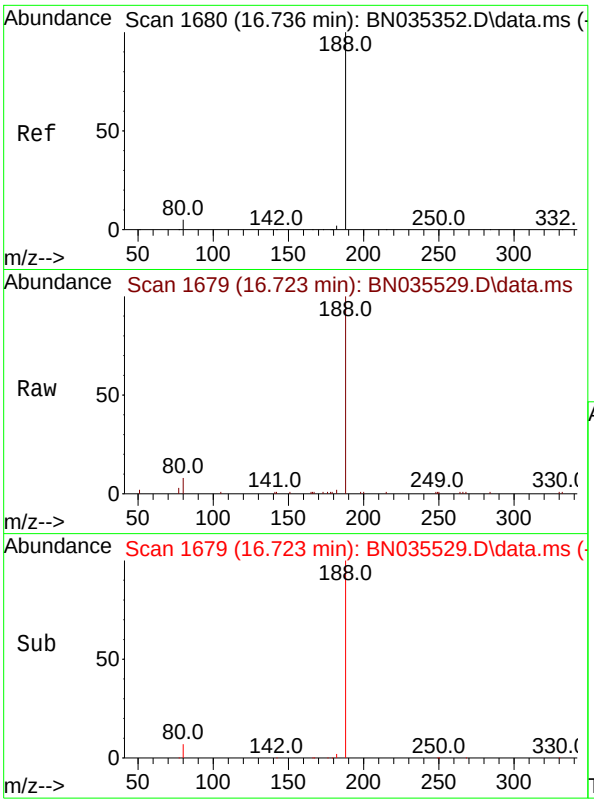


#18
Fluorene
Concen: 0.393 ng
RT: 15.026 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:166 Resp: 5751

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.7	119.5
167	13.7	10.8	16.2



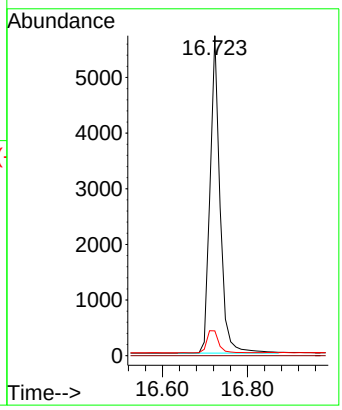


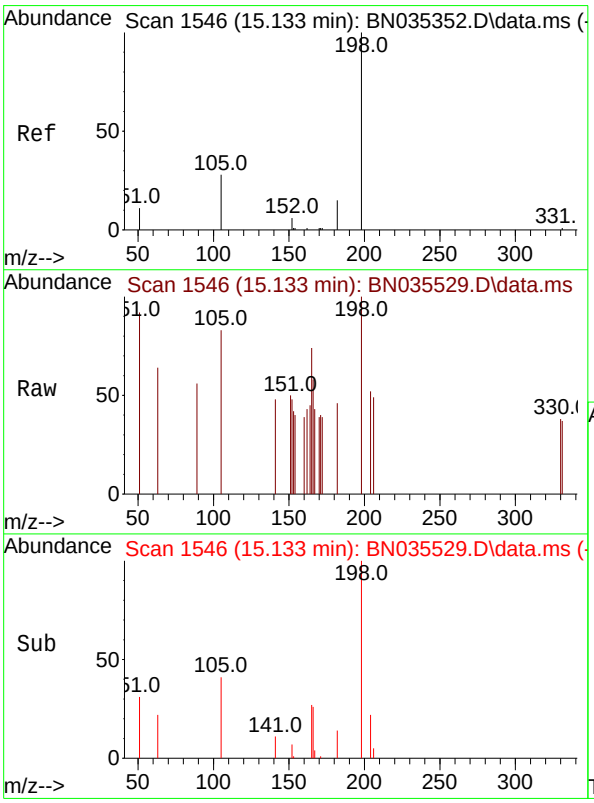
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:188 Resp: 9298

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	4.6	6.8#

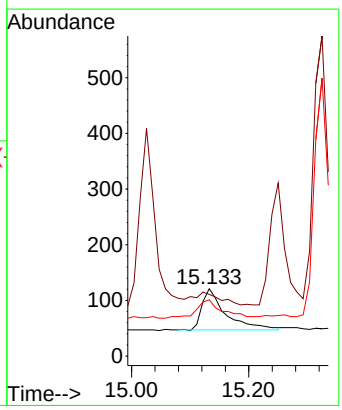


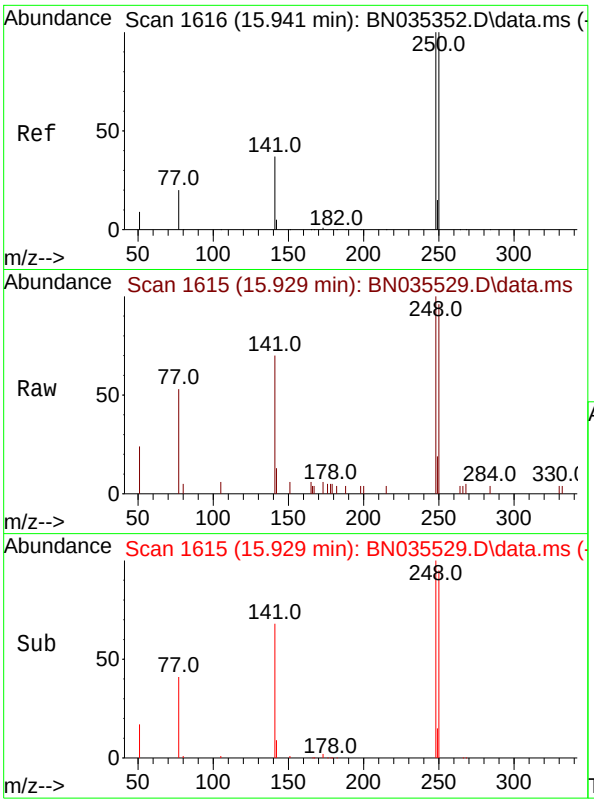


#20
4,6-Dinitro-2-methylphenol
Concen: 0.229 ng
RT: 15.133 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:198 Resp: 209

Ion	Ratio	Lower	Upper
198	100		
51	91.7	46.5	69.7#
105	83.5	45.3	67.9#



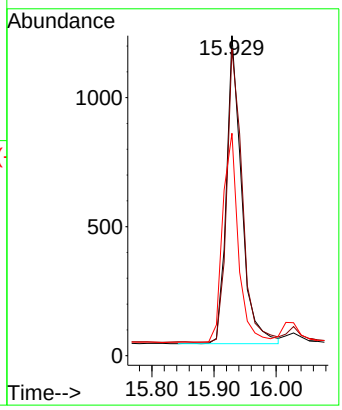


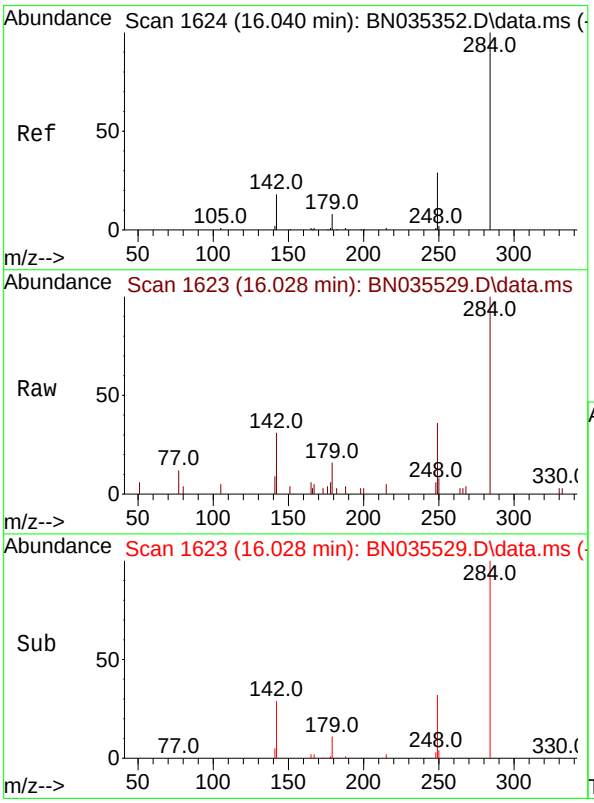
#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 15.929 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:248 Resp: 2020

Ion	Ratio	Lower	Upper
248	100		
250	95.8	80.6	120.8
141	69.5	31.5	47.3#

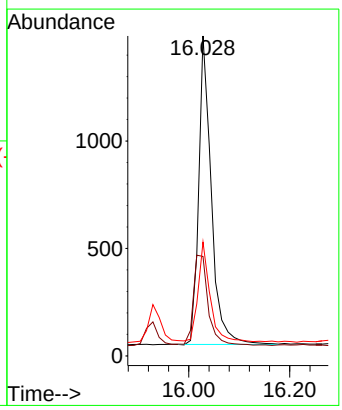


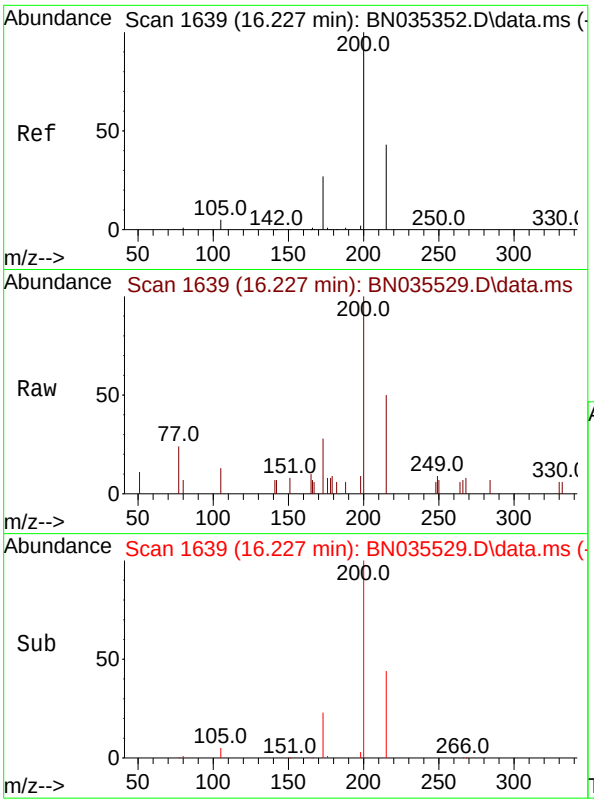


#22
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.028 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:284 Resp: 2497

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



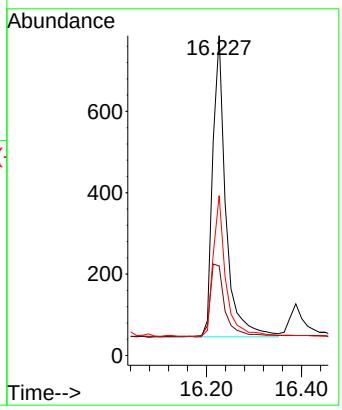


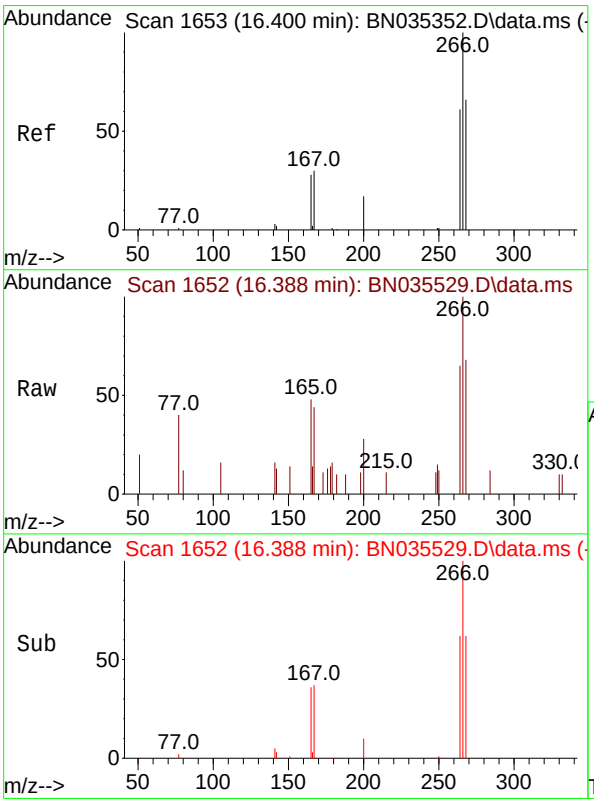
#23
Atrazine
Concen: 0.366 ng
RT: 16.227 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:200 Resp: 1417

Ion	Ratio	Lower	Upper
200	100		
173	28.0	24.1	36.1
215	50.0	36.9	55.3

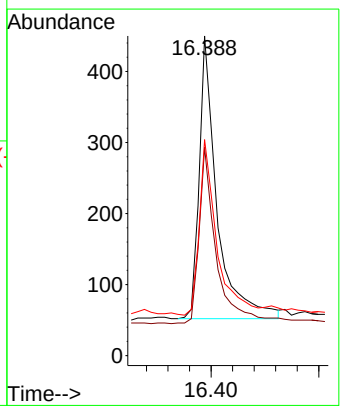


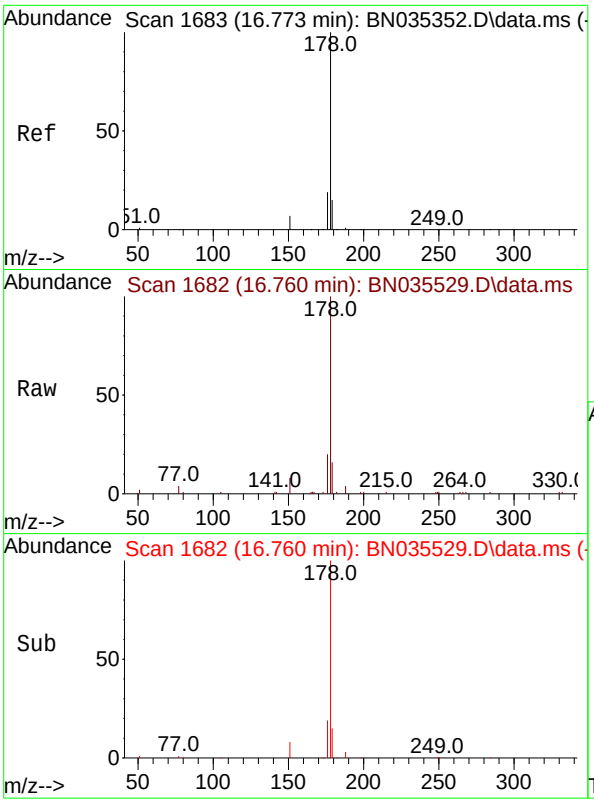


#24
Pentachlorophenol
Concen: 0.329 ng
RT: 16.388 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:266 Resp: 914

Ion	Ratio	Lower	Upper
266	100		
264	60.9	42.3	63.5
268	61.2	43.3	64.9



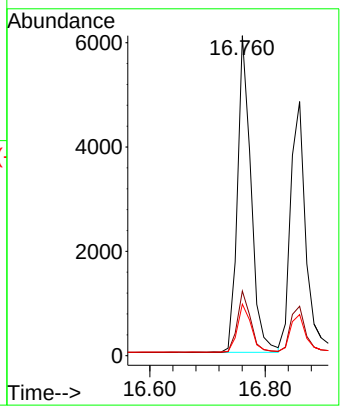


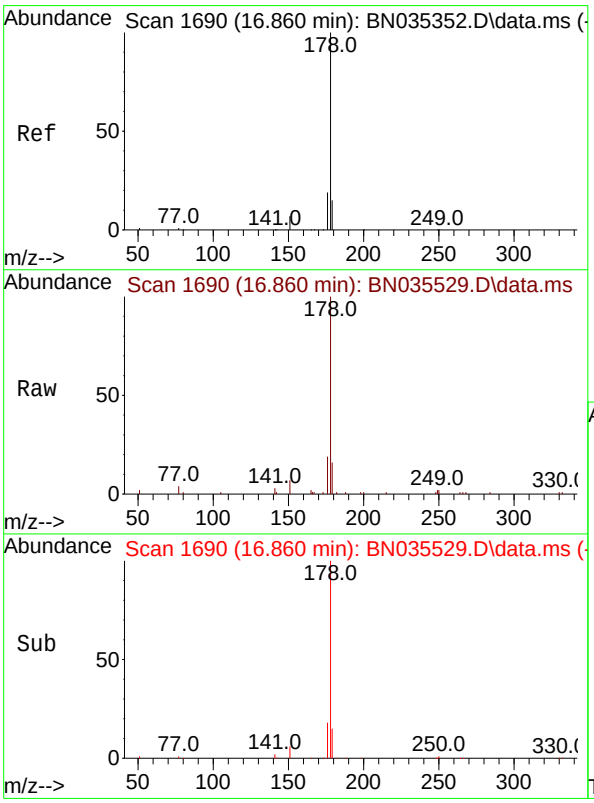
#25
Phenanthrene
Concen: 0.385 ng
RT: 16.760 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:178 Resp: 9843

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.3	18.5

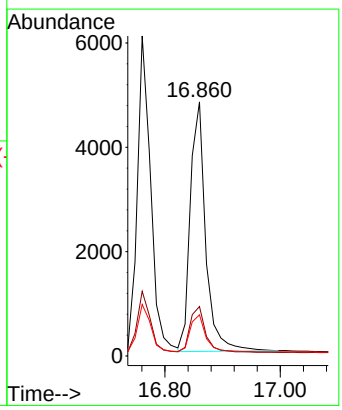


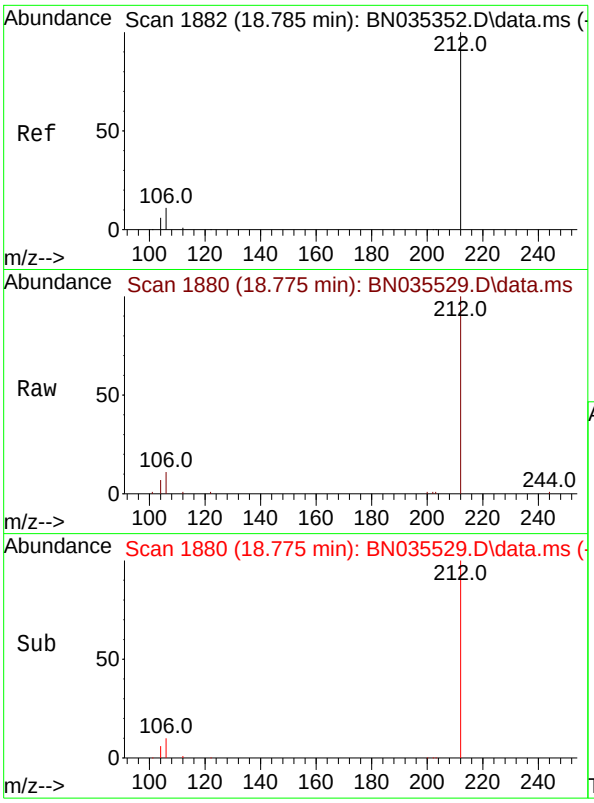


#26
Anthracene
Concen: 0.385 ng
RT: 16.860 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:178 Resp: 8899

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.0	12.6	18.8



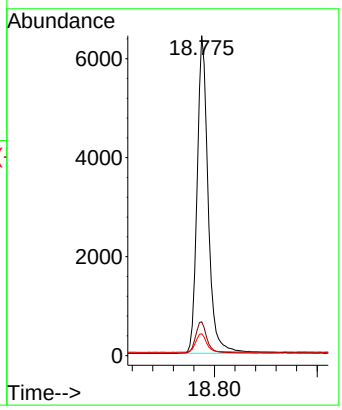


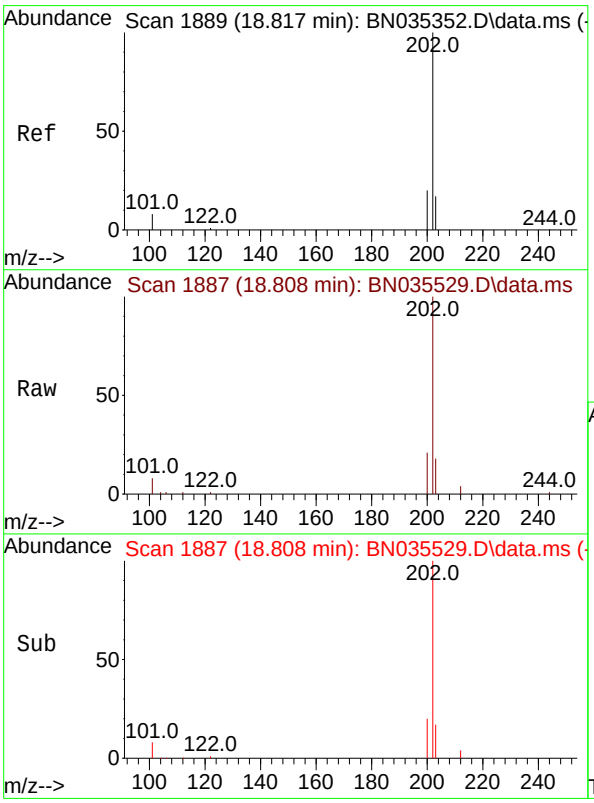
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 18.775 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:212 Resp: 9641

Ion	Ratio	Lower	Upper
212	100		
106	10.3	9.2	13.8
104	6.0	5.3	7.9

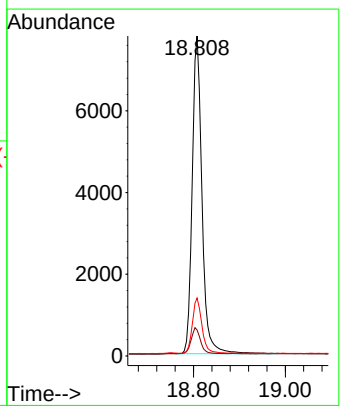


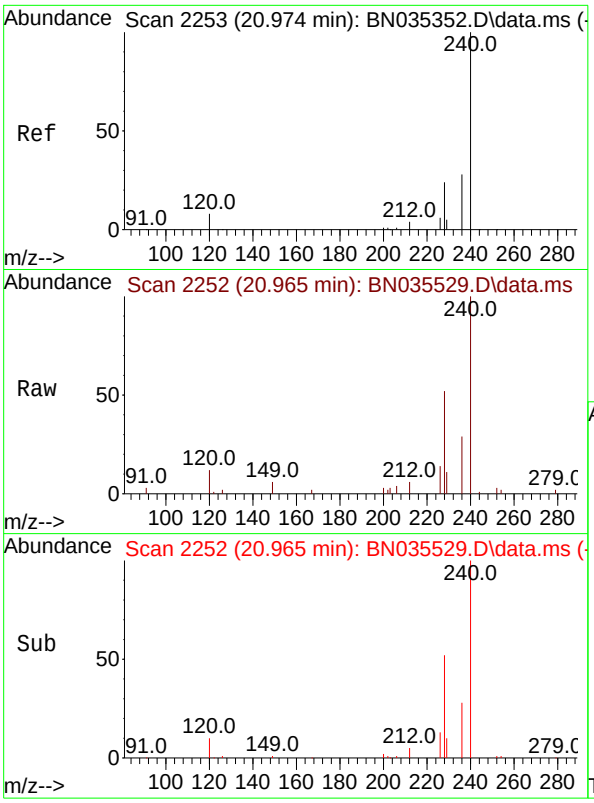


#28
Fluoranthene
Concen: 0.334 ng
RT: 18.808 min Scan# 1887
Delta R.T. -0.009 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:202 Resp: 11483

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.4	11.0
203	16.9	13.7	20.5



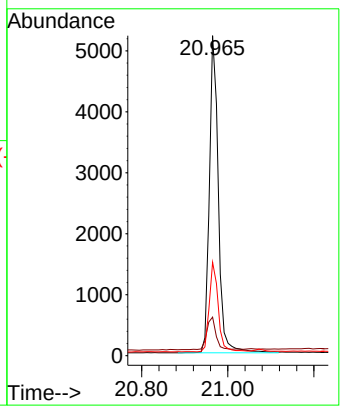


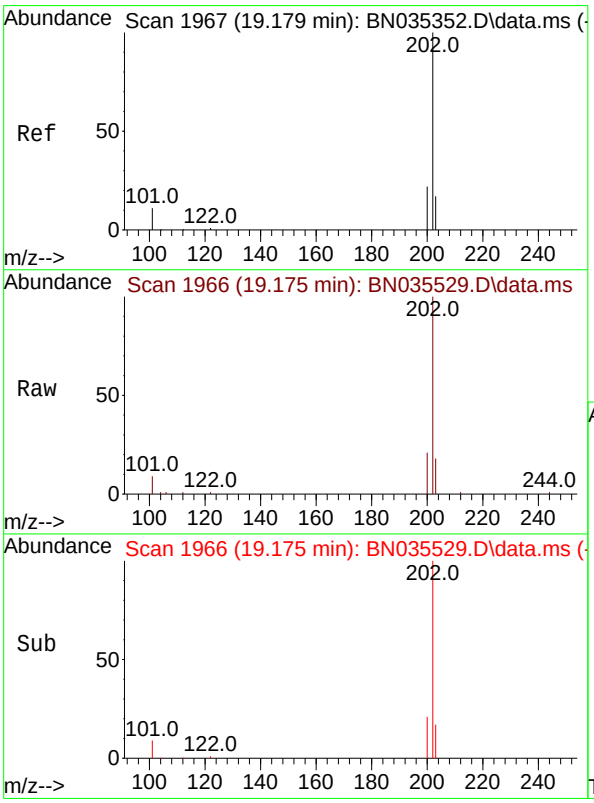
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:240 Resp: 7541

Ion	Ratio	Lower	Upper
240	100		
120	12.0	7.9	11.9#
236	29.2	22.9	34.3

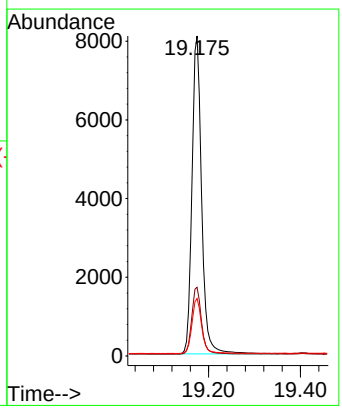


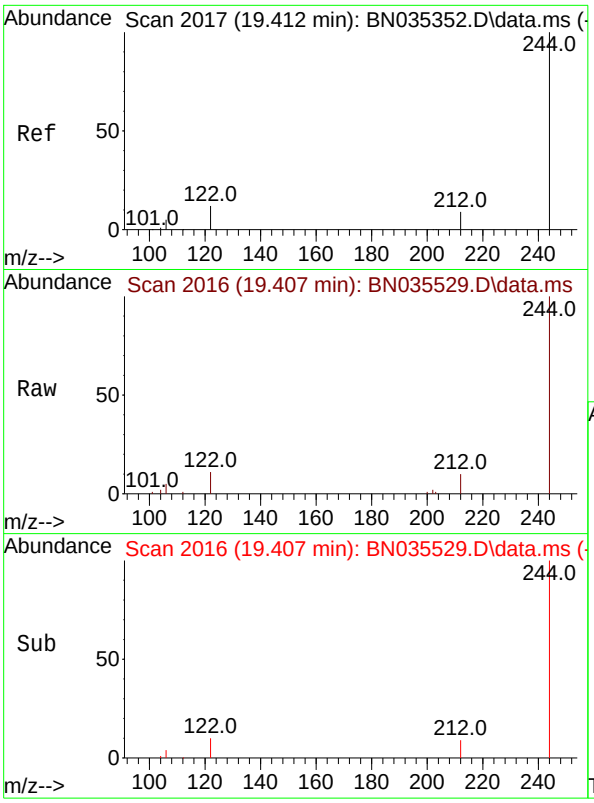


#30
Pyrene
Concen: 0.423 ng
RT: 19.175 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:202 Resp: 11774

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.5	14.3	21.5



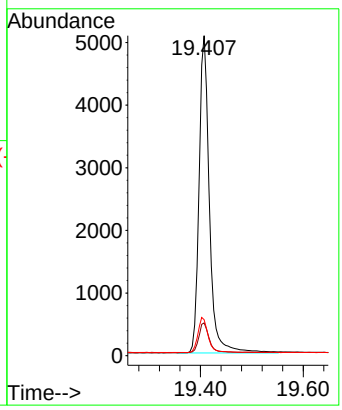


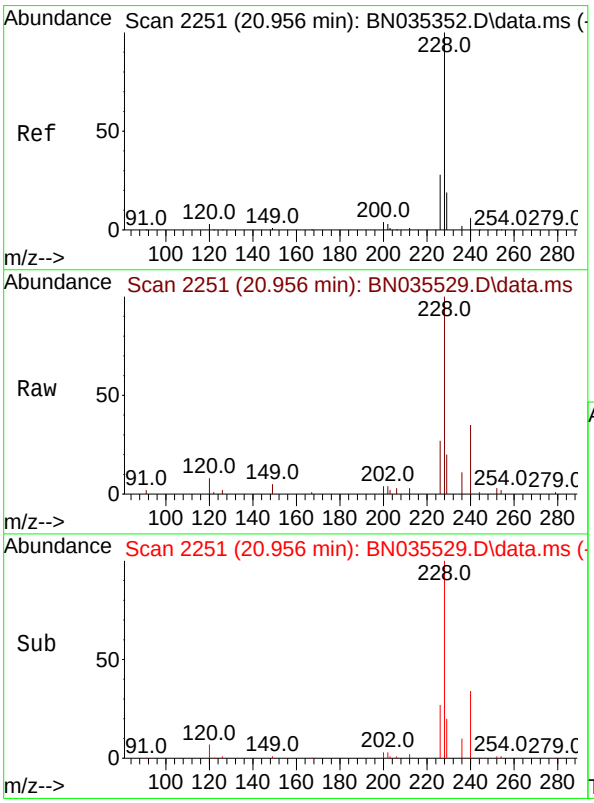
#31
Terphenyl-d14
Concen: 0.477 ng
RT: 19.407 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:244 Resp: 7098

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.1	12.1
122	11.2	10.3	15.5

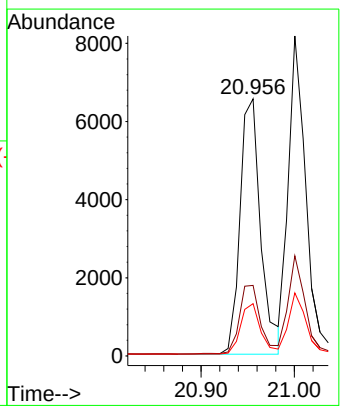


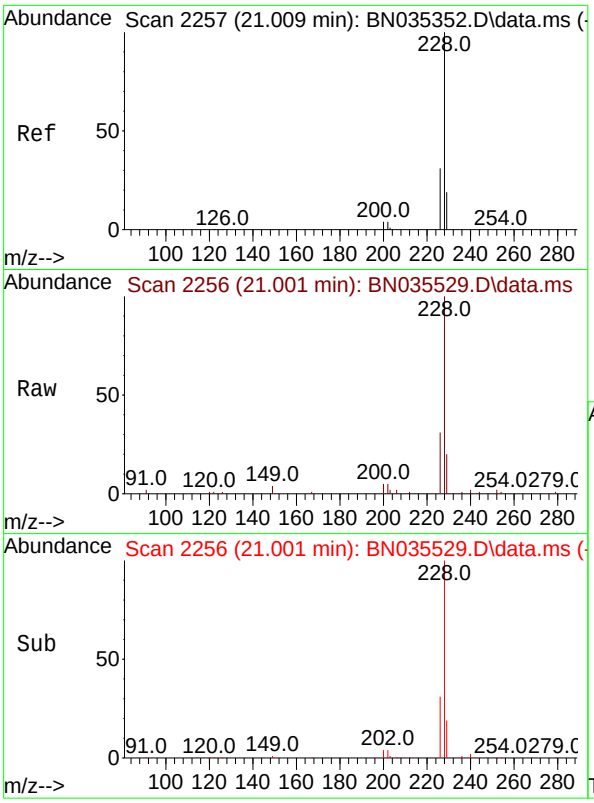


#32
Benzo(a)anthracene
Concen: 0.382 ng
RT: 20.956 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:228 Resp: 10084

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	20.3	15.8	23.8



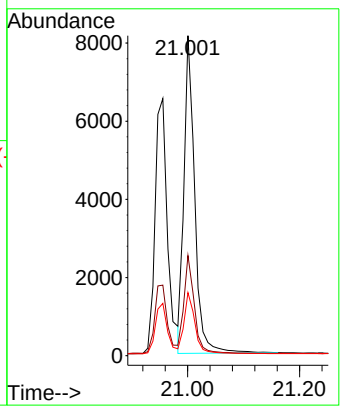


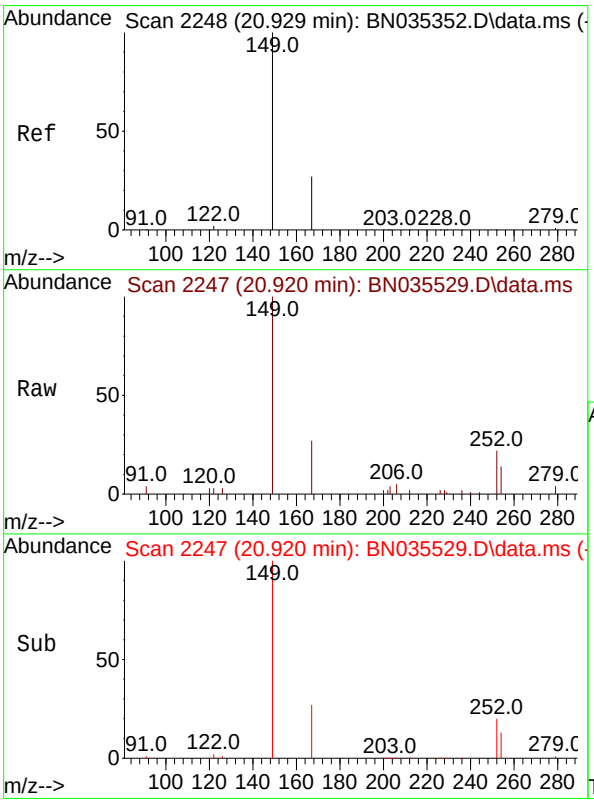
#33
Chrysene
Concen: 0.399 ng
RT: 21.001 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:228 Resp: 10858

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	19.7	15.9	23.9

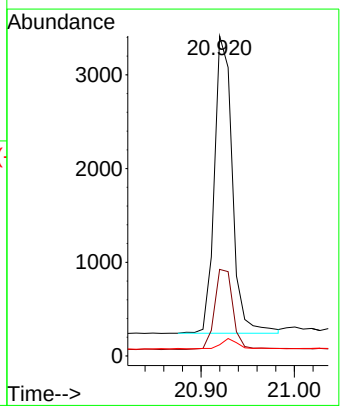


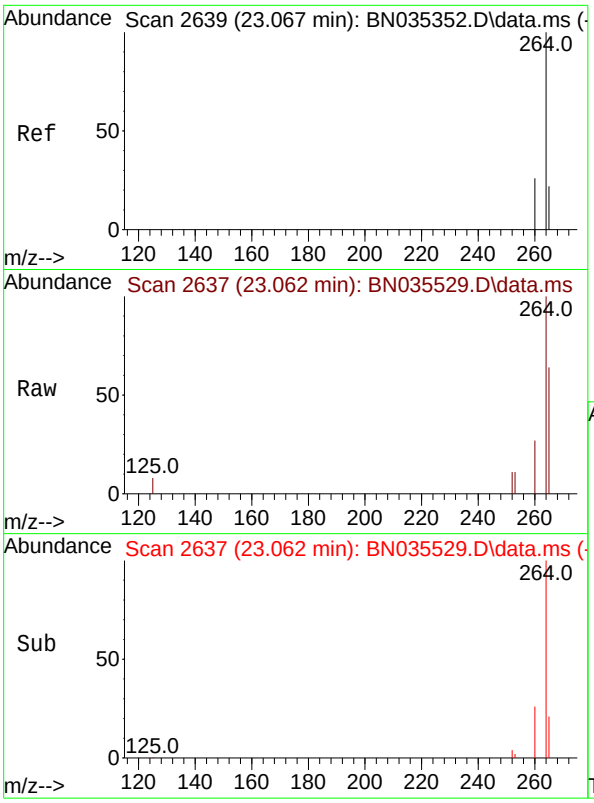


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 20.920 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:149 Resp: 4232

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	3.2	2.7	4.1



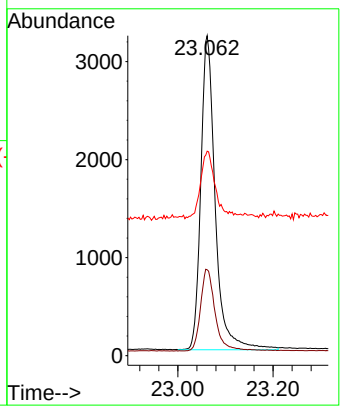


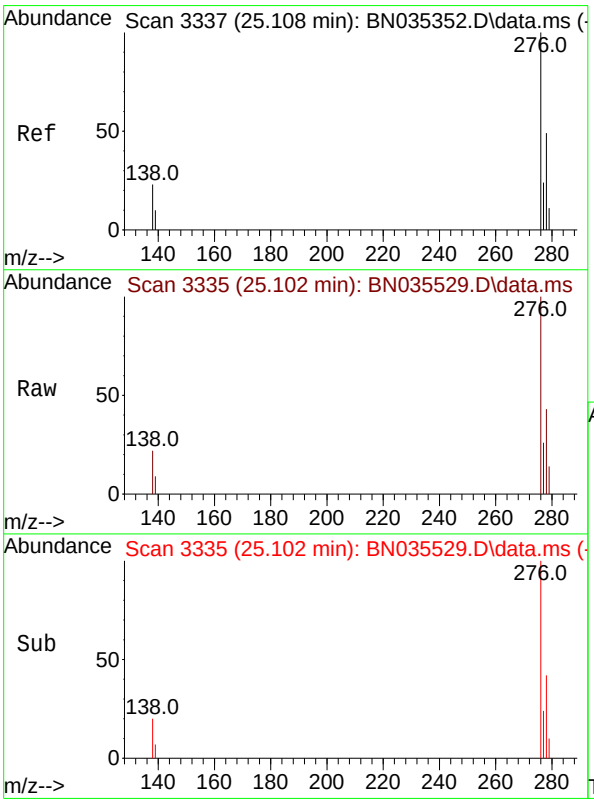
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:264 Resp: 6738

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	63.9	40.2	60.4#

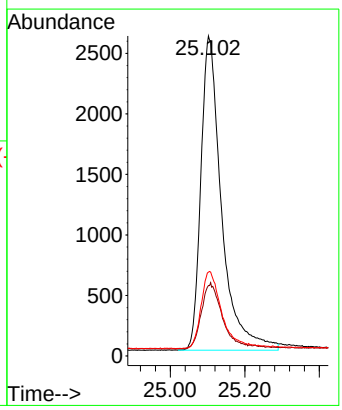


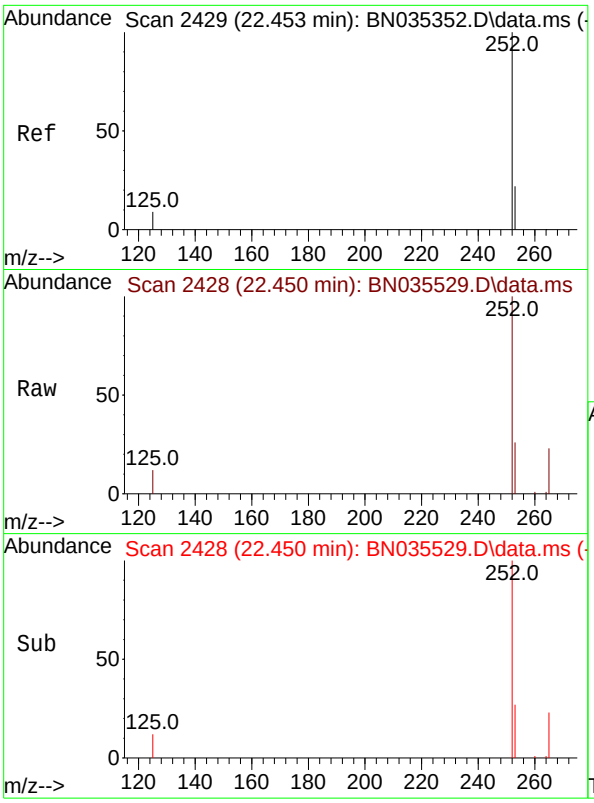


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 25.102 min Scan# 3335
Delta R.T. -0.006 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:276 Resp: 9995

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.4	29.0
277	25.0	19.8	29.6



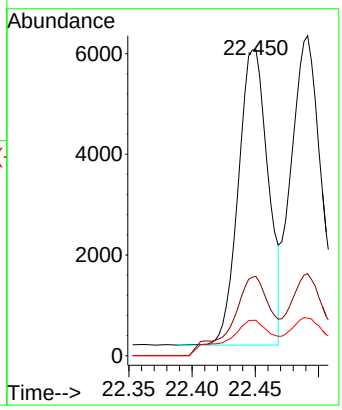


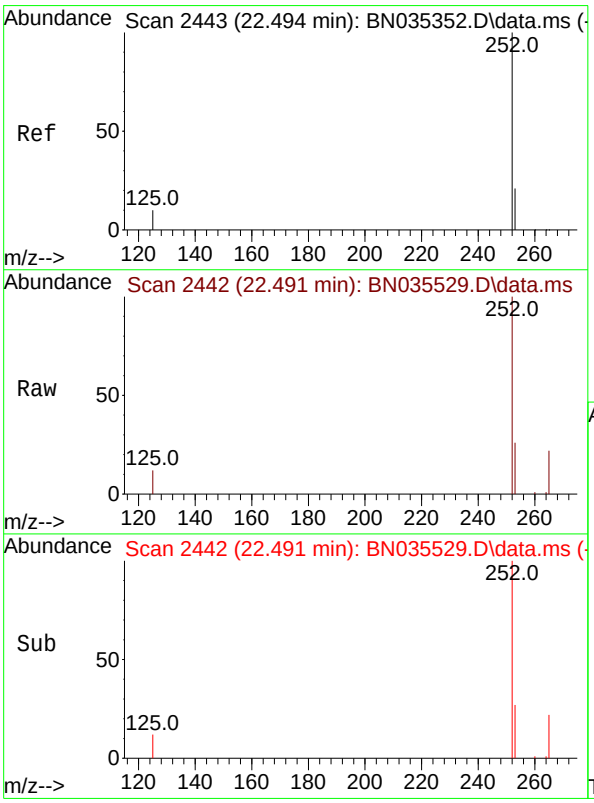
#37
Benzo(b)fluoranthene
Concen: 0.461 ng
RT: 22.450 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:252 Resp: 11361

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.6	29.4
125	11.5	9.6	14.4

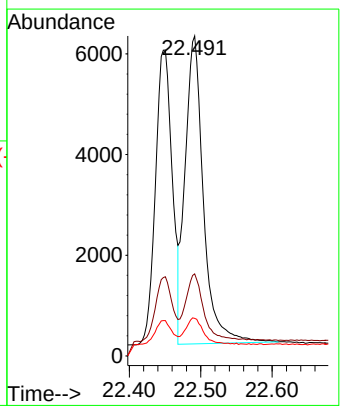


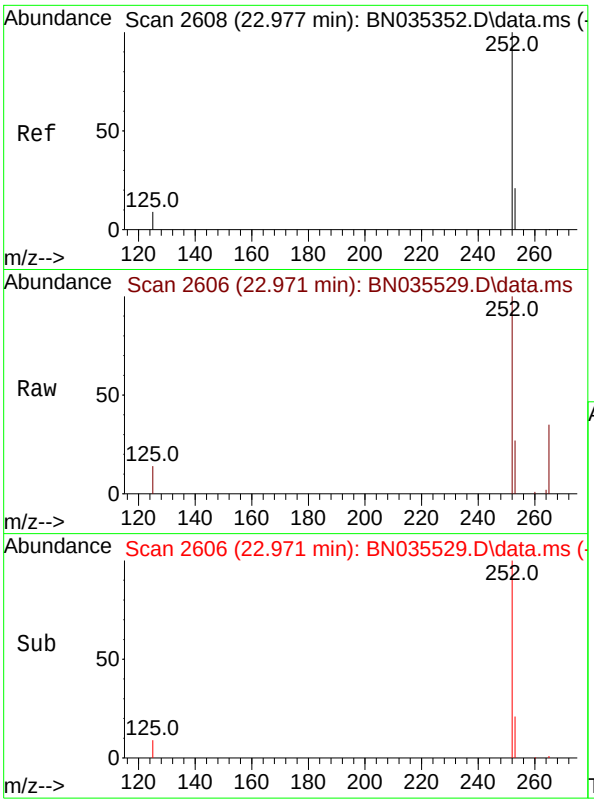


#38
Benzo(k)fluoranthene
Concen: 0.450 ng
RT: 22.491 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:252 Resp: 10907

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.5	29.3
125	11.7	10.2	15.4



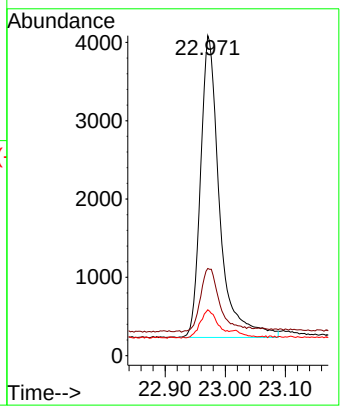


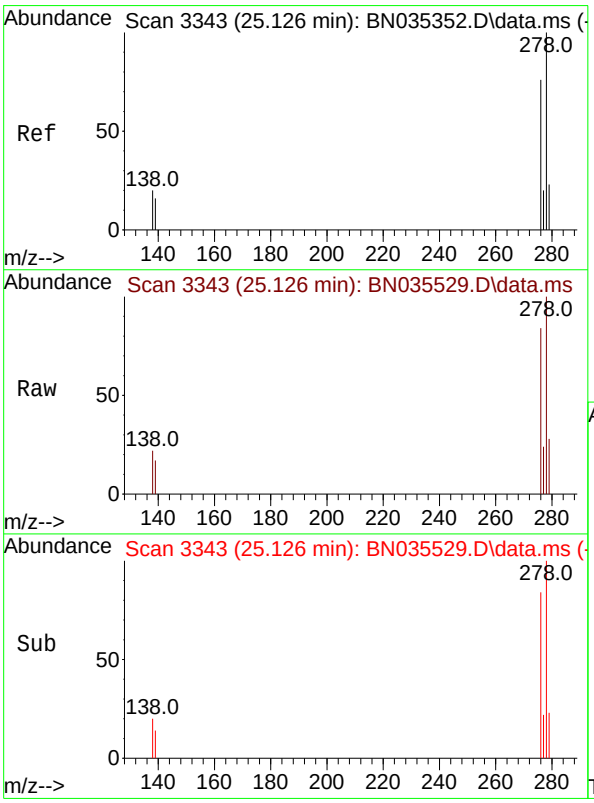
#39
Benzo(a)pyrene
Concen: 0.415 ng
RT: 22.971 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:252 Resp: 8432

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.2	30.4
125	14.3	10.9	16.3

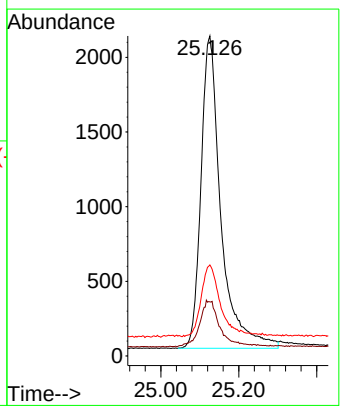


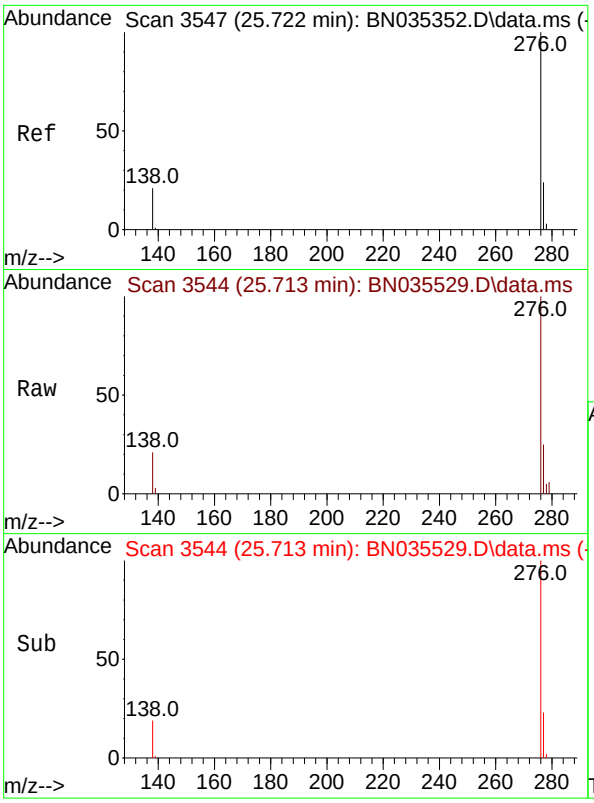


#40
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.126 min Scan# 3343
Delta R.T. 0.000 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Tgt Ion:278 Resp: 7420

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.2	21.4
279	28.5	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 25.713 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN035529.D
Acq: 10 Dec 2024 12:03

Instrument :
BNA_N
ClientSampleId :
PB165497BSD

Tgt Ion:276 Resp: 8161

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.9	29.9
138	21.2	17.8	26.8