Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122822\
Data File : BN023521.D
Acq On : 28 Dec 2022 13:58
Operator : CG/JU
Sample : PB149884BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Quant Time: Dec 29 04:02:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 04:01:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	4843	0.400	ng		0.00
7) Naphthalene-d8	10.786	136	13842	0.400	ng	#	0.00
13) Acenaphthene-d10	14.623	164	7701	0.400	ng		0.00
19) Phenanthrene-d10	17.365	188	16270	0.400	ng	#	0.00
29) Chrysene-d12	21.562	240	9271	0.400	ng	#	0.00
35) Perylene-d12	24.001	264	6511	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	5061	0.472	ng		0.00
5) Phenol-d6	7.132	99	6197	0.471	ng		0.00
8) Nitrobenzene-d5	9.142	82	4562	0.421	ng		0.00
11) 2-Methylnaphthalene-d10	12.378	152	8350	0.414	ng		0.00
14) 2,4,6-Tribromophenol	16.111	330	1440	0.381	ng		0.00
15) 2-Fluorobiphenyl	13.244	172	14121	0.463	ng		0.00
27) Fluoranthene-d10	19.401	212	15201	0.382	ng		0.00
31) Terphenyl-d14	19.996	244	13489	0.624	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2198	0.471	ng		99
3) n-Nitrosodimethylamine	3.702	42	2459	0.437	ng	#	93
6) bis(2-Chloroethyl)ether	7.392	93	6055	0.474	ng		100
9) Naphthalene	10.840	128	16041	0.454	ng		99
10) Hexachlorobutadiene	11.128	225	3349	0.470	ng	#	99
12) 2-Methylnaphthalene	12.450	142	11368	0.446	ng		98
16) Acenaphthylene	14.345	152	13299	0.415	ng		100
17) Acenaphthene	14.688	154	9948	0.462	ng		99
18) Fluorene	15.671	166	13253	0.442	ng		99
20) 4,6-Dinitro-2-methylph...	15.751	198	744	0.492	ng		93
21) 4-Bromophenyl-phenylether	16.558	248	4141	0.434	ng	#	80
22) Hexachlorobenzene	16.670	284	5338	0.464	ng		99
23) Atrazine	16.831	200	2675	0.363	ng		96
24) Pentachlorophenol	17.017	266	1381	0.409	ng		99
25) Phenanthrene	17.414	178	19951	0.431	ng		100
26) Anthracene	17.501	178	15257	0.397	ng		100
28) Fluoranthene	19.431	202	20339	0.391	ng		100
30) Pyrene	19.793	202	19942	0.576	ng		100
32) Benzo(a)anthracene	21.544	228	13345	0.432	ng		100
33) Chrysene	21.598	228	14663	0.462	ng		99
34) Bis(2-ethylhexyl)phtha...	21.464	149	7667	0.404	ng		100
36) Indeno(1,2,3-cd)pyrene	26.544	276	10846	0.446	ng		100
37) Benzo(b)fluoranthene	23.252	252	11309	0.452	ng		96
38) Benzo(k)fluoranthene	23.302	252	10866	0.442	ng		97
39) Benzo(a)pyrene	23.889	252	8442	0.442	ng	#	93
40) Dibenzo(a,h)anthracene	26.565	278	8222	0.444	ng		98
41) Benzo(g,h,i)perylene	27.325	276	9844	0.460	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122822\
Data File : BN023521.D
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Misc :
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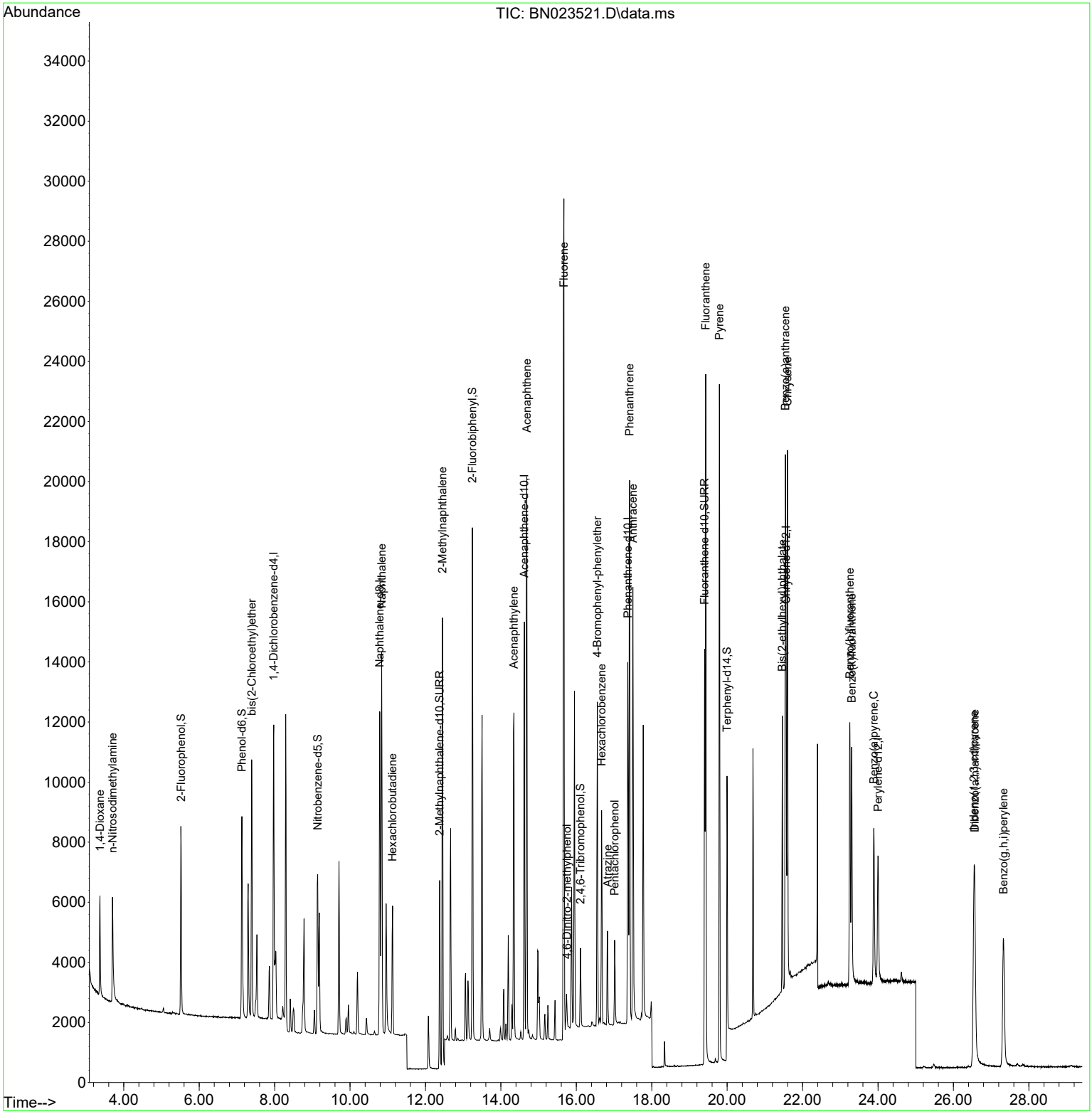
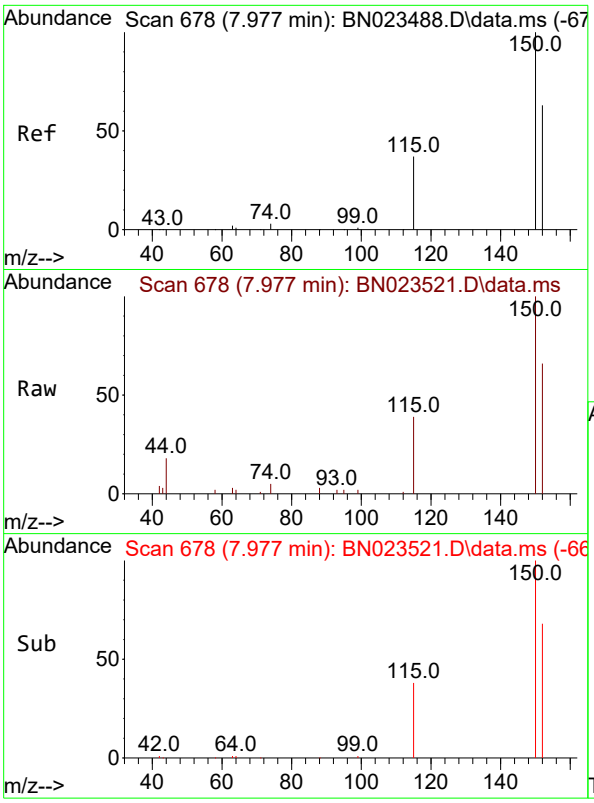
Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Quant Time: Dec 29 04:02:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 04:01:06 2022
Response via : Initial Calibration



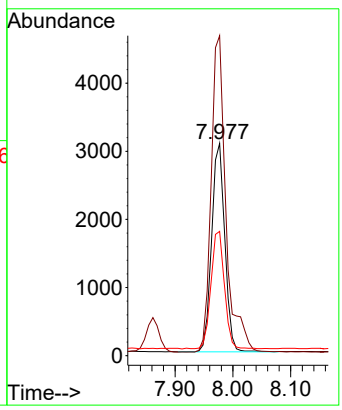


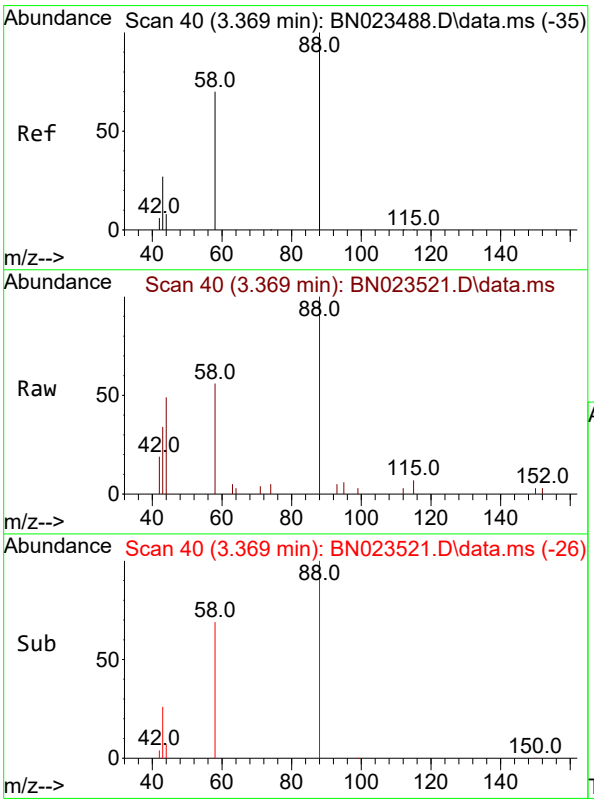
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.977 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:152 Resp: 4843

Ion	Ratio	Lower	Upper
152	100		
150	150.7	125.0	187.6
115	58.6	48.8	73.2

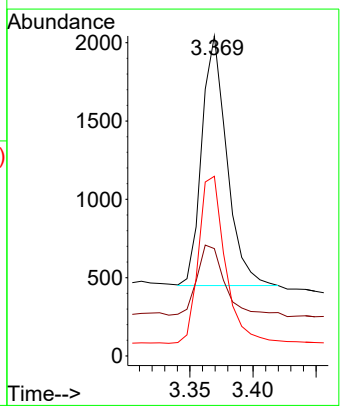


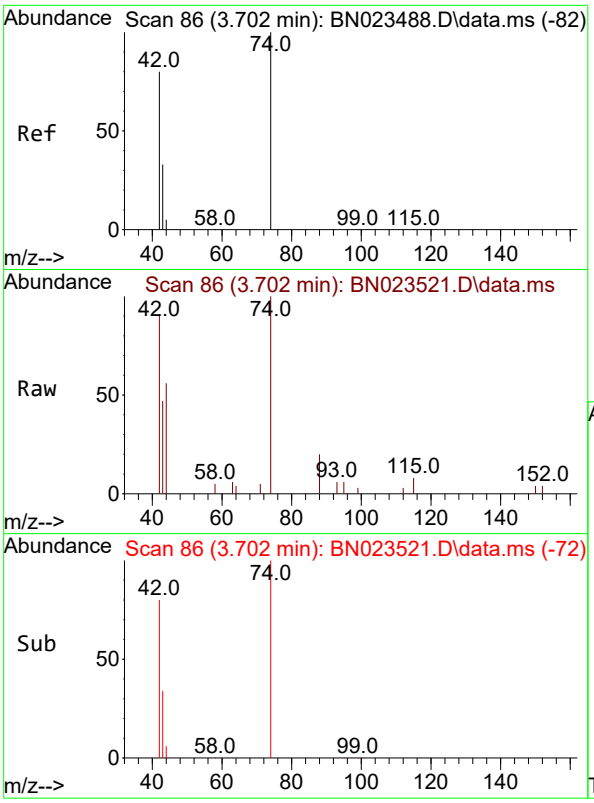


#2
1,4-Dioxane
Concen: 0.471 ng
RT: 3.369 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion: 88 Resp: 2198

Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.6	36.8
58	71.6	58.2	87.4



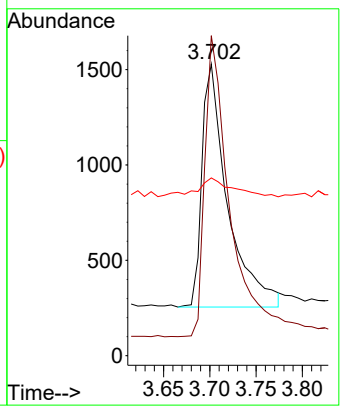


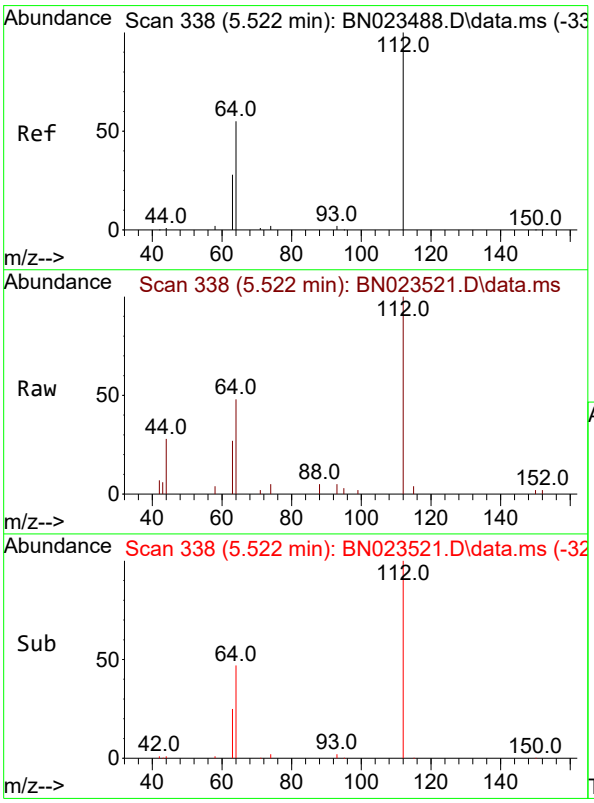
#3
n-Nitrosodimethylamine
Concen: 0.437 ng
RT: 3.702 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion: 42 Resp: 2459

Ion	Ratio	Lower	Upper
42	100		
74	119.7	102.1	153.1
44	10.8	5.6	8.4#

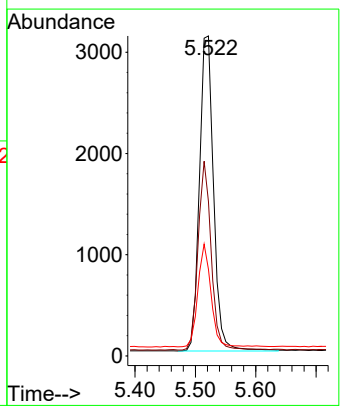


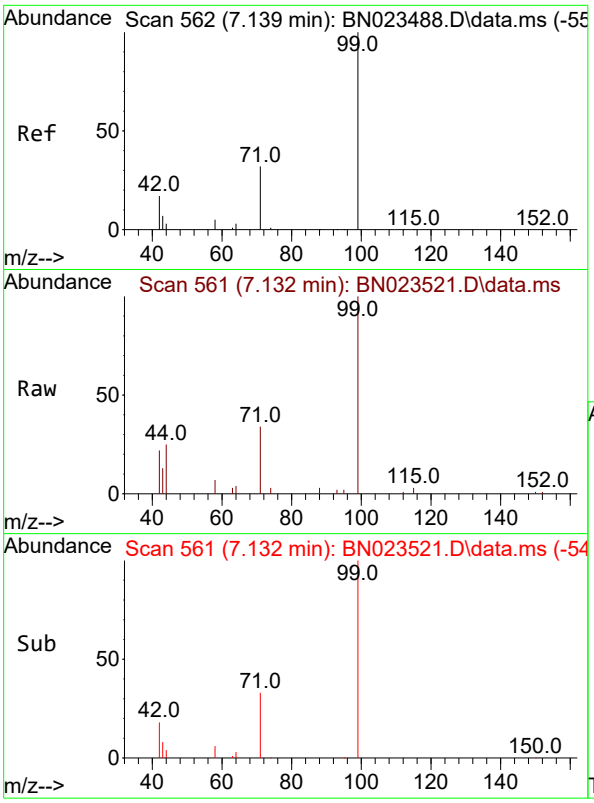


#4
2-Fluorophenol
Concen: 0.472 ng
RT: 5.522 min Scan# 338
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:112 Resp: 5061

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.3	66.5
63	30.3	23.8	35.6



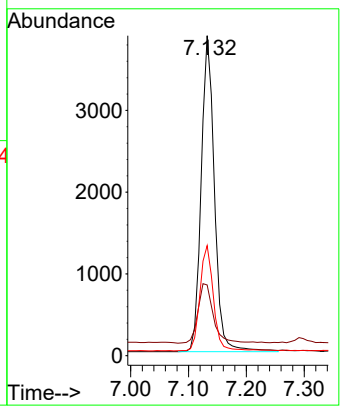


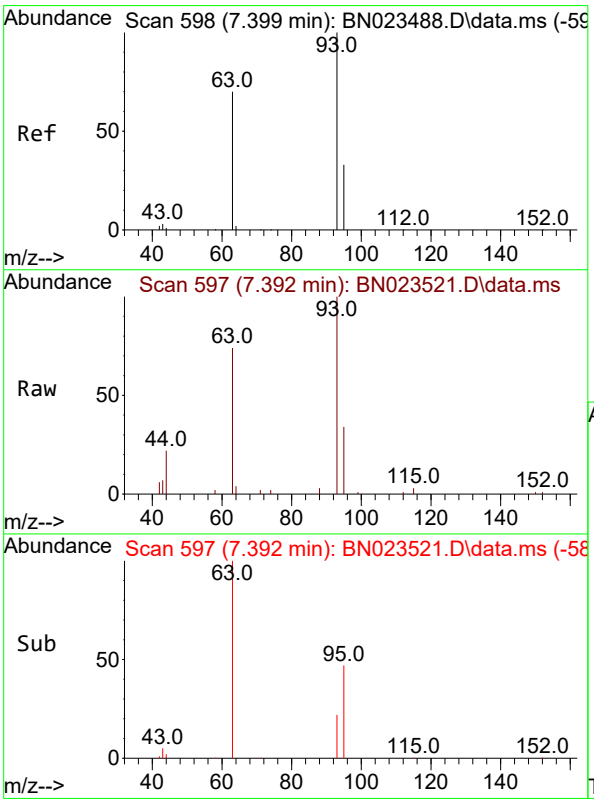
#5
Phenol-d6
Concen: 0.471 ng
RT: 7.132 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion: 99 Resp: 6197

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.8	25.2
71	33.8	27.0	40.4

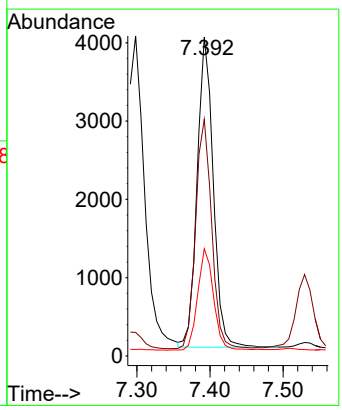


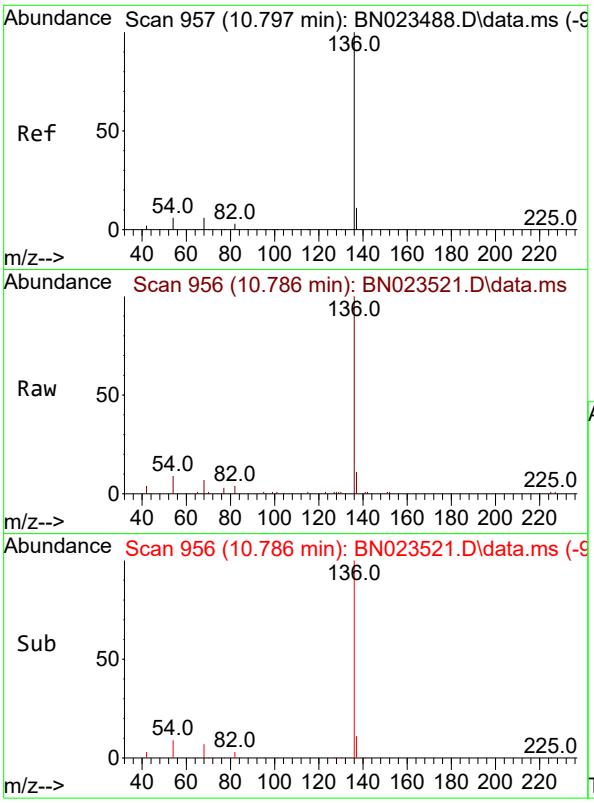


#6
bis(2-Chloroethyl)ether
Concen: 0.474 ng
RT: 7.392 min Scan# 597
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion: 93 Resp: 6055

Ion	Ratio	Lower	Upper
93	100		
63	73.5	58.9	88.3
95	32.2	26.1	39.1



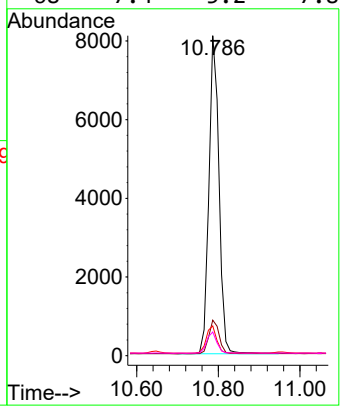


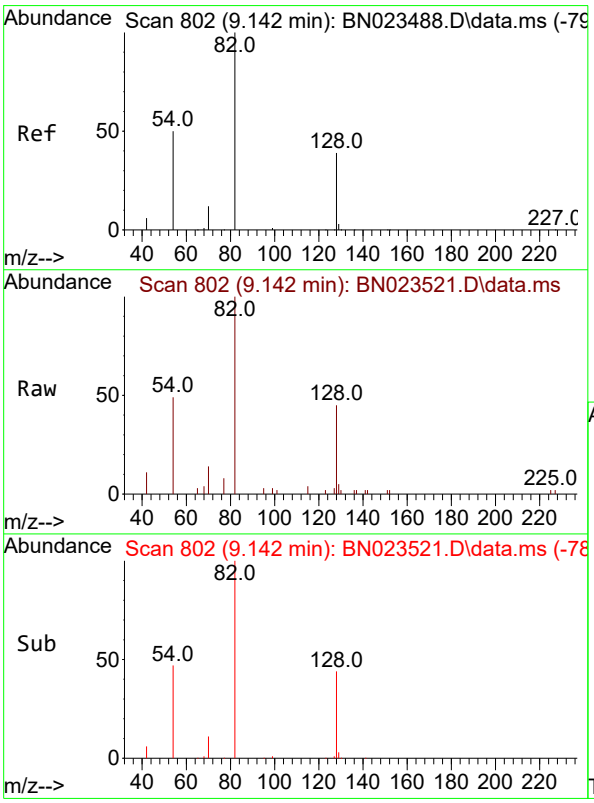
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:136 Resp: 13842

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.3	5.8	8.8#
68	7.4	5.2	7.8

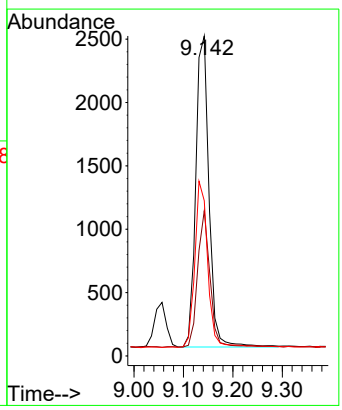


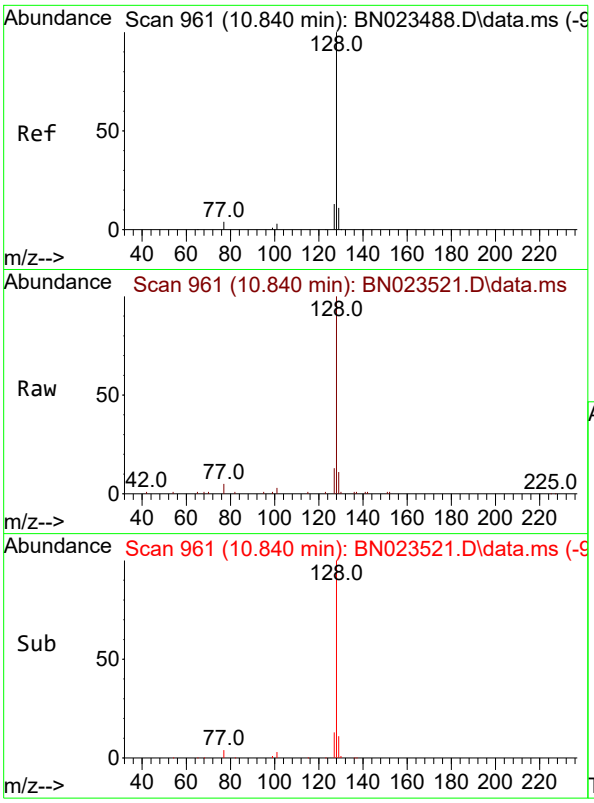


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 9.142 min Scan# 802
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion: 82 Resp: 4562

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.6	49.0
54	48.5	41.4	62.0



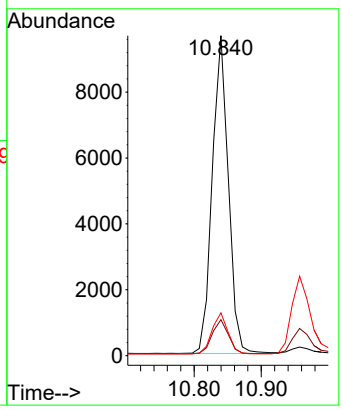


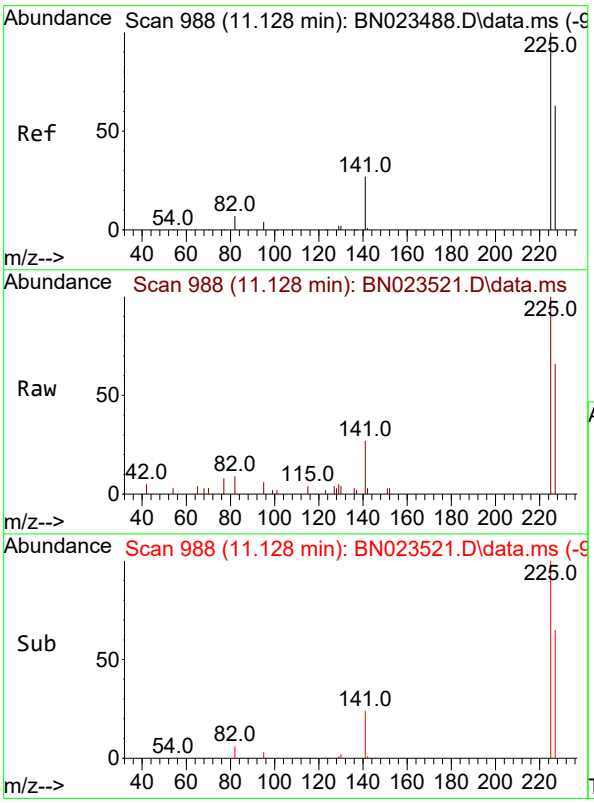
#9
Naphthalene
Concen: 0.454 ng
RT: 10.840 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:128 Resp: 16041

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	11.0	16.4

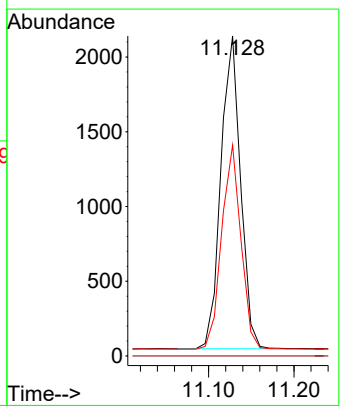


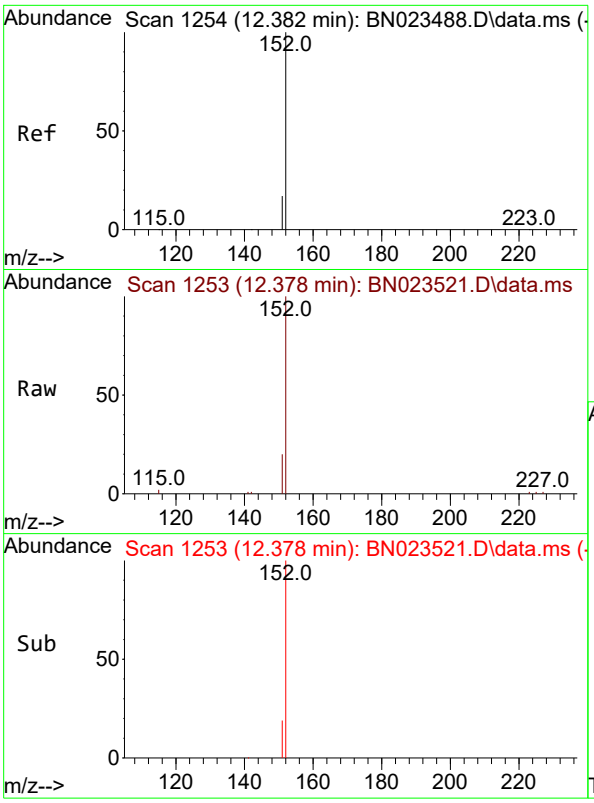


#10
Hexachlorobutadiene
Concen: 0.470 ng
RT: 11.128 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:225 Resp: 3349

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.8	77.8



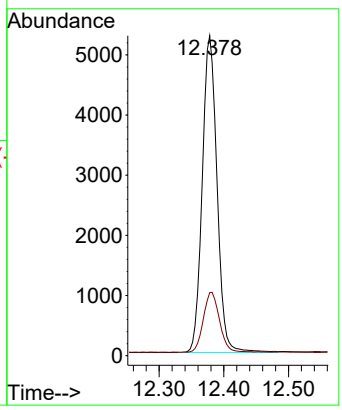


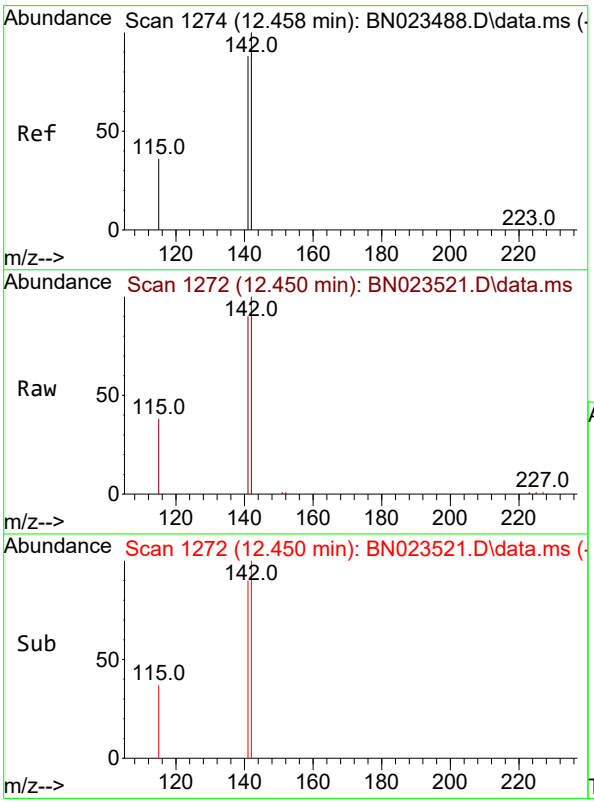
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.378 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:152 Resp: 8350

Ion	Ratio	Lower	Upper
152	100		
151	20.8	14.8	22.2

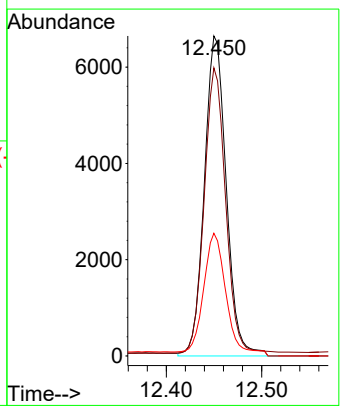


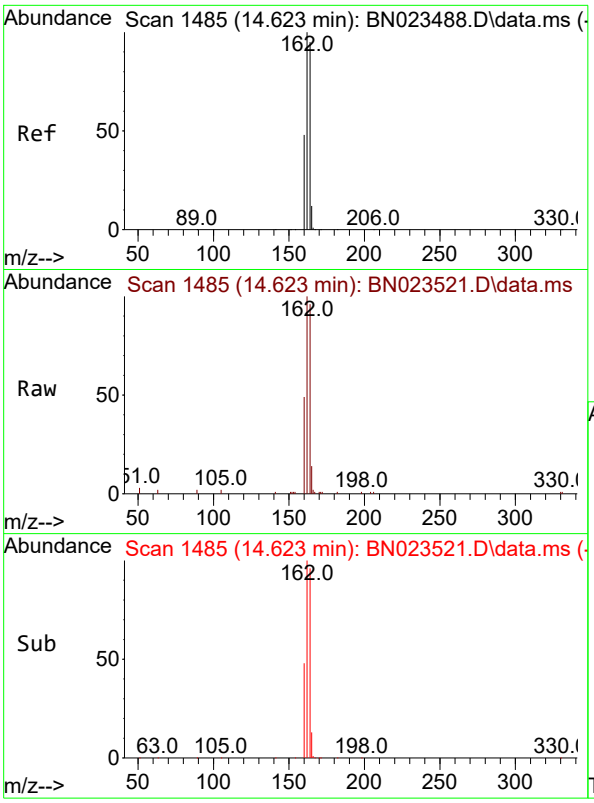


#12
2-Methylnaphthalene
Concen: 0.446 ng
RT: 12.450 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:142 Resp: 11368

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.5	105.7
115	38.3	29.5	44.3



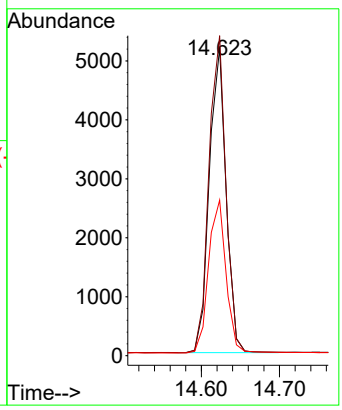


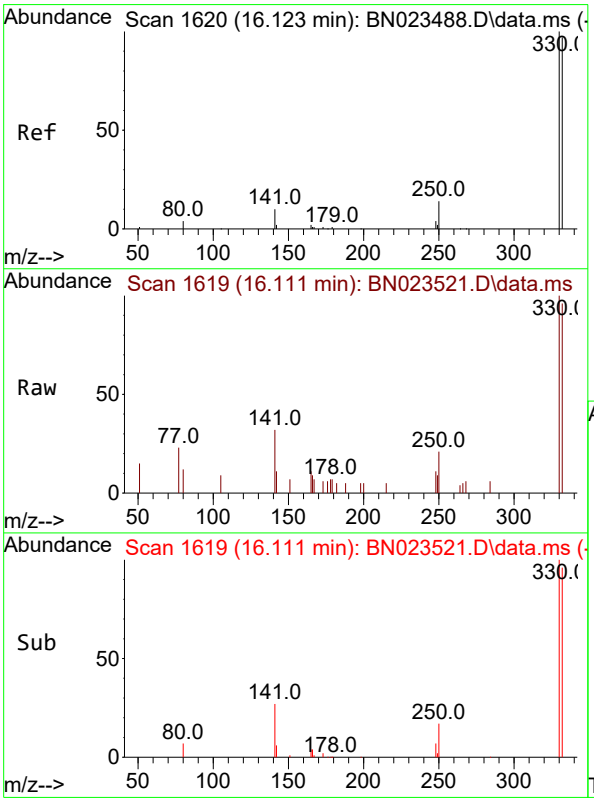
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:164 Resp: 7701

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.9	125.9
160	50.5	40.9	61.3

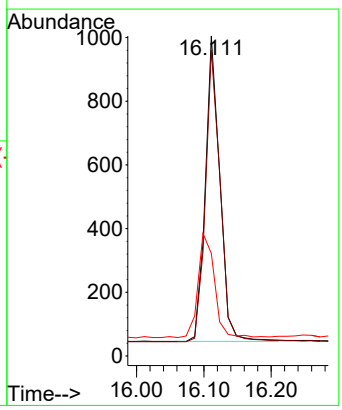


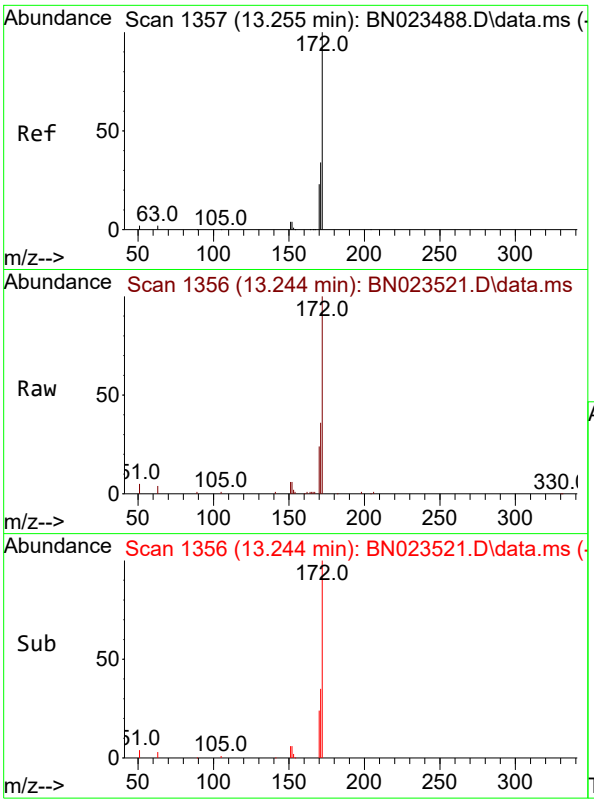


#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:330 Resp: 1440

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	38.5	29.8	44.6



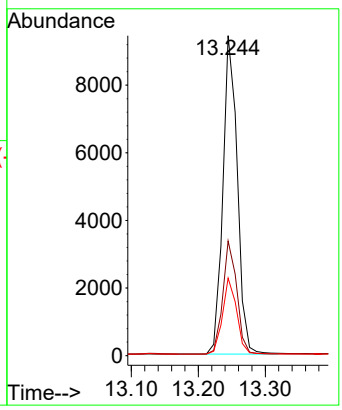


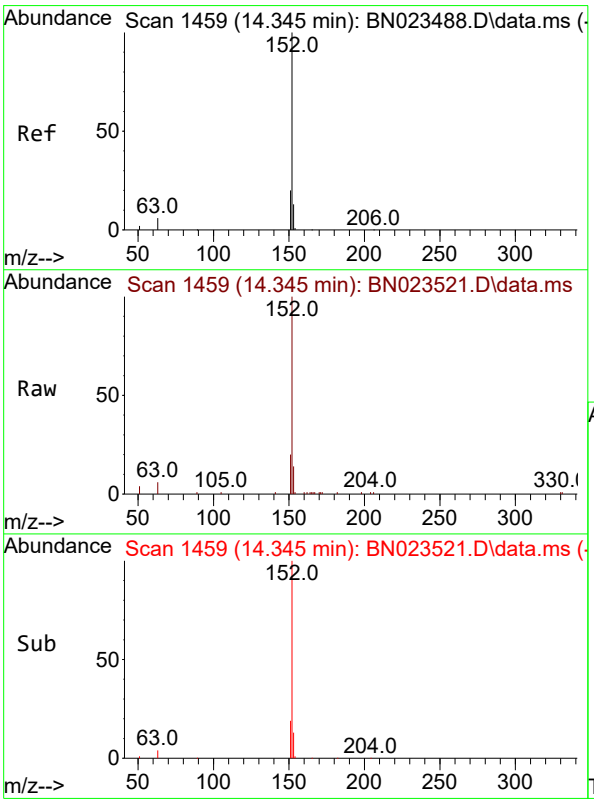
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 13.244 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:172 Resp: 14121

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.6	41.4
170	24.3	18.7	28.1

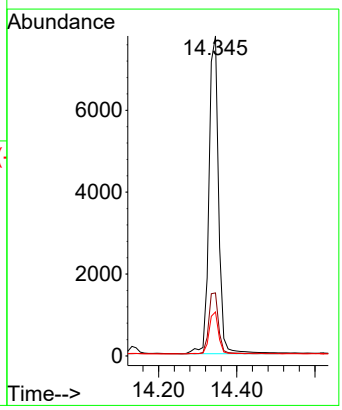


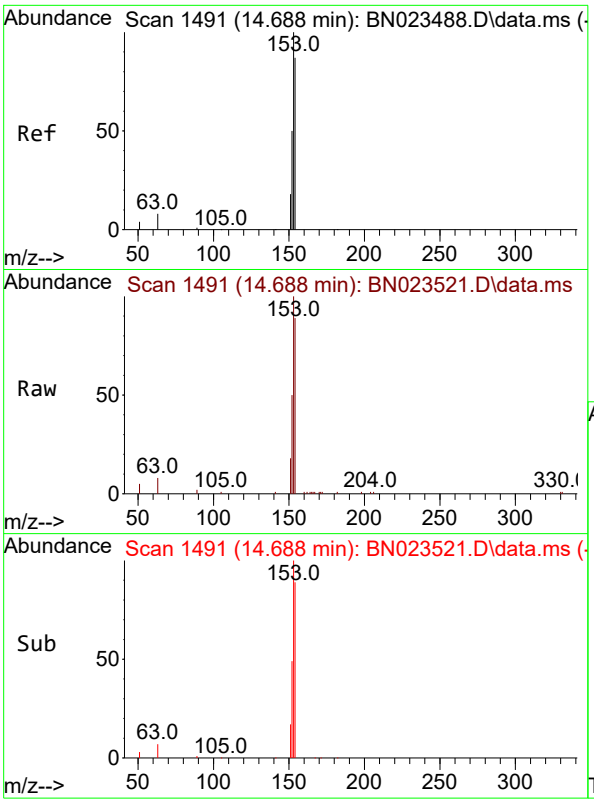


#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.345 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:152 Resp: 13299

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.9	10.3	15.5



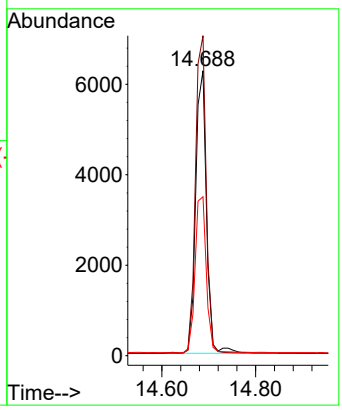


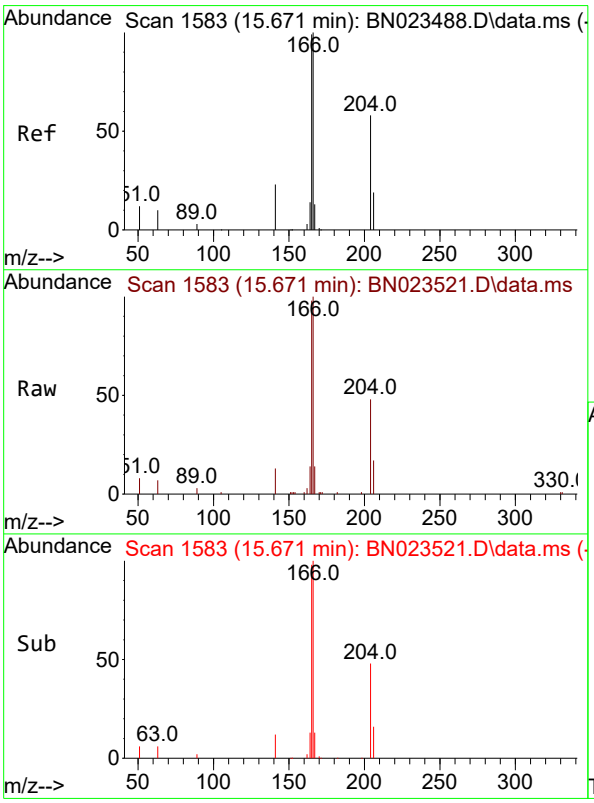
#17
Acenaphthene
Concen: 0.462 ng
RT: 14.688 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:154 Resp: 9948

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.8	136.2
152	57.6	46.3	69.5

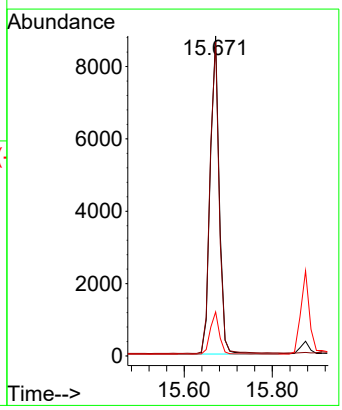


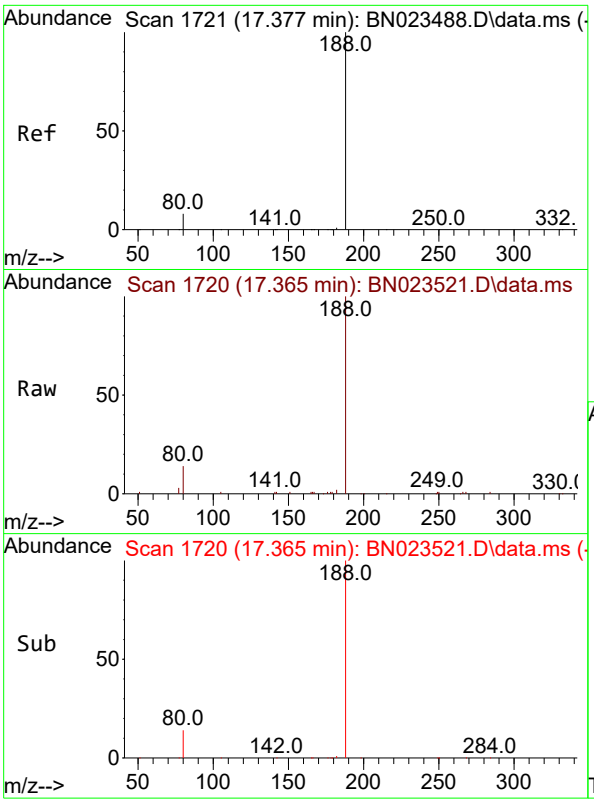


#18
Fluorene
Concen: 0.442 ng
RT: 15.671 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:166 Resp: 13253

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	13.4	10.6	16.0



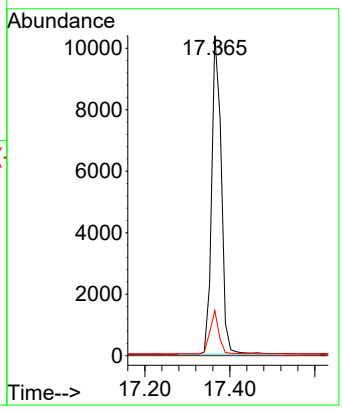


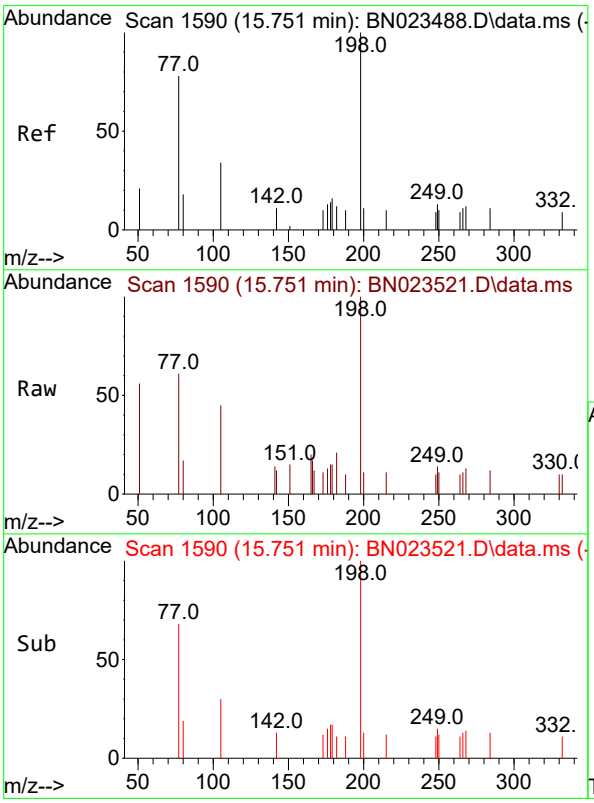
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.365 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:188 Resp: 16270

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	6.7	10.1#

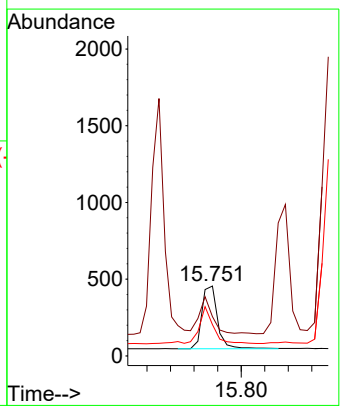


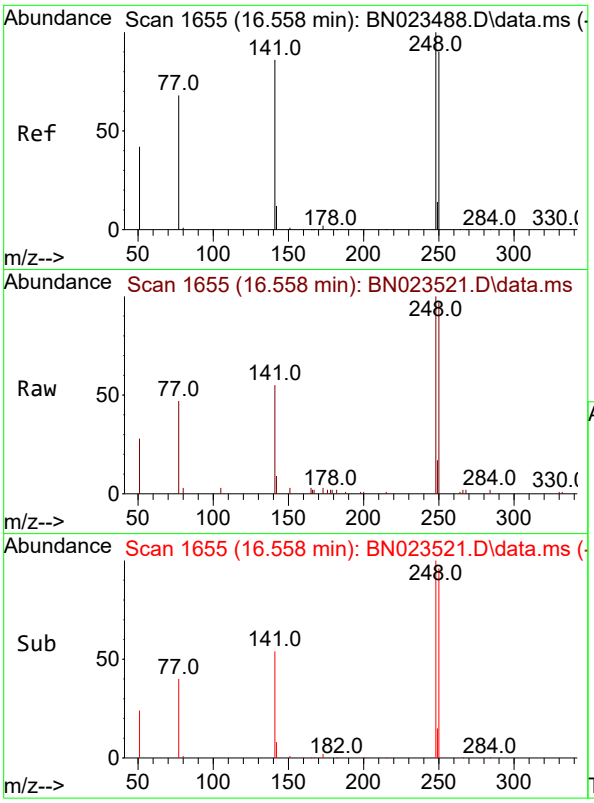


#20
4,6-Dinitro-2-methylphenol
Concen: 0.492 ng
RT: 15.751 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:198 Resp: 744

Ion	Ratio	Lower	Upper
198	100		
51	56.3	48.2	72.4
105	44.8	41.0	61.4



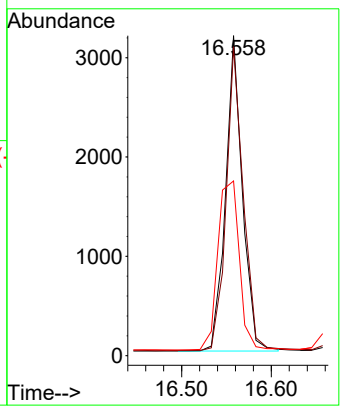


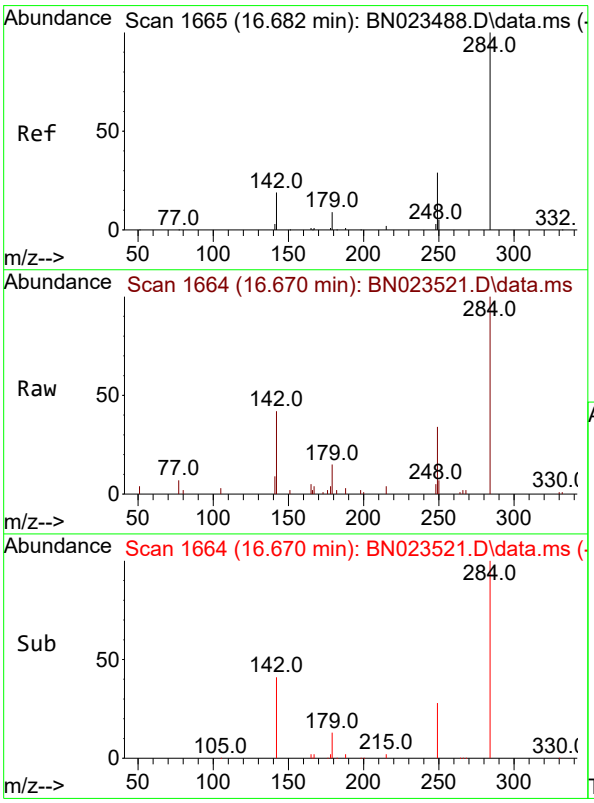
#21
4-Bromophenyl-phenylether
Concen: 0.434 ng
RT: 16.558 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:248 Resp: 4141

Ion	Ratio	Lower	Upper
248	100		
250	96.6	72.6	108.8
141	54.6	69.4	104.0#

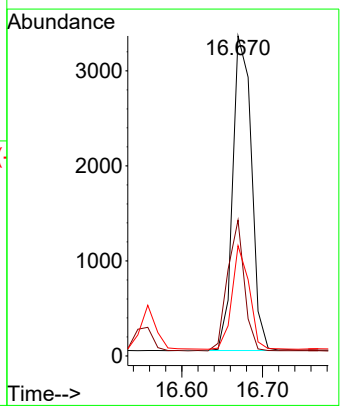


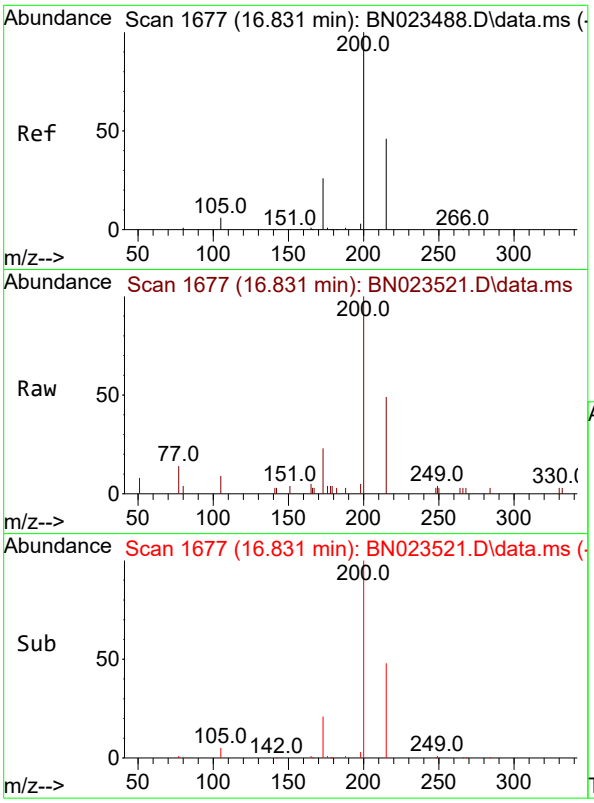


#22
Hexachlorobenzene
Concen: 0.464 ng
RT: 16.670 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:284 Resp: 5338

Ion	Ratio	Lower	Upper
284	100		
142	37.4	29.0	43.6
249	30.3	24.5	36.7



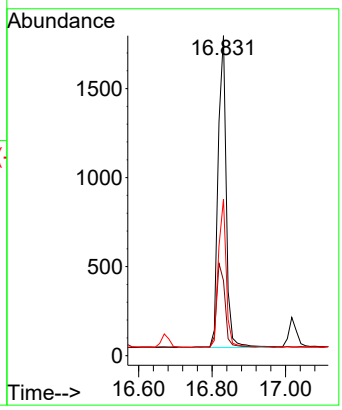


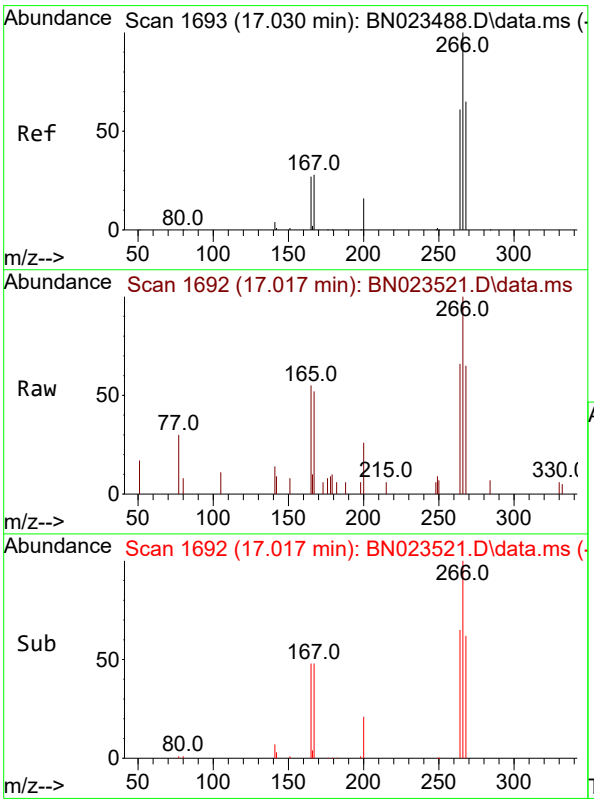
#23
Atrazine
Concen: 0.363 ng
RT: 16.831 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:200 Resp: 2675

Ion	Ratio	Lower	Upper
200	100		
173	23.4	22.1	33.1
215	48.9	38.2	57.2

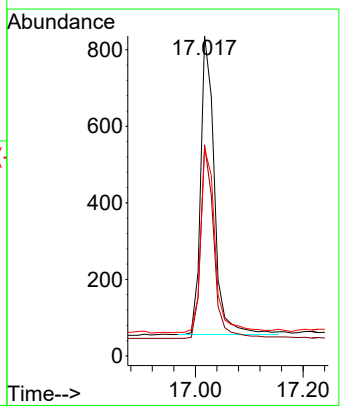


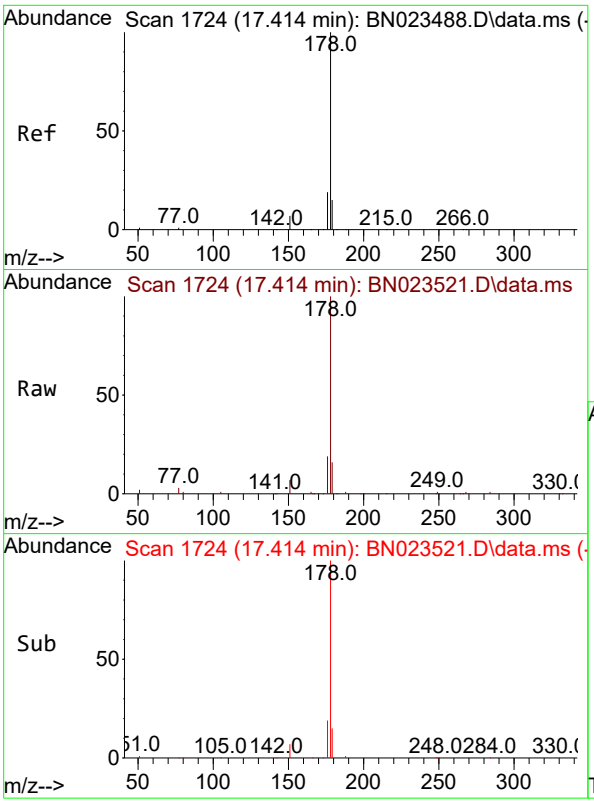


#24
Pentachlorophenol
Concen: 0.409 ng
RT: 17.017 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:266 Resp: 1381

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.7	74.5
268	64.7	51.4	77.0



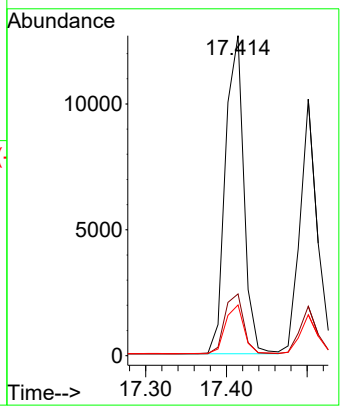


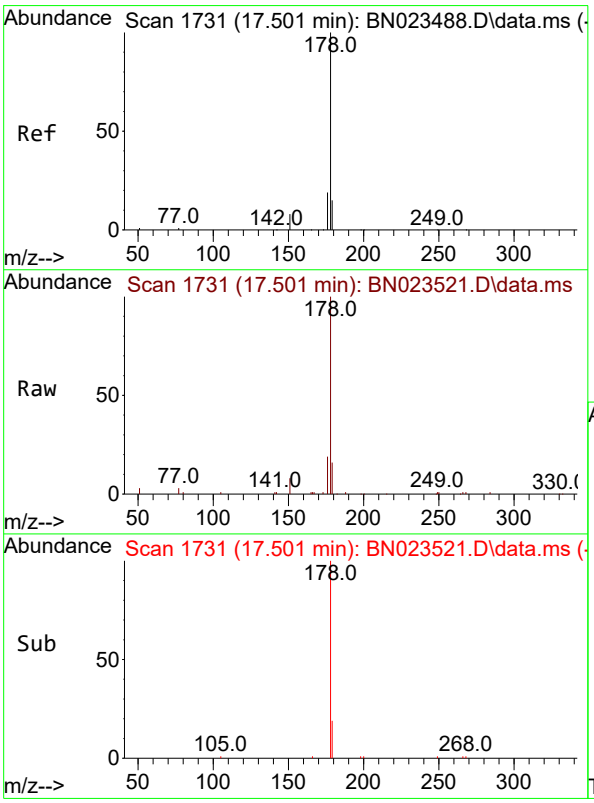
#25
Phenanthrene
Concen: 0.431 ng
RT: 17.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:178 Resp: 19951

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.4	12.2	18.4

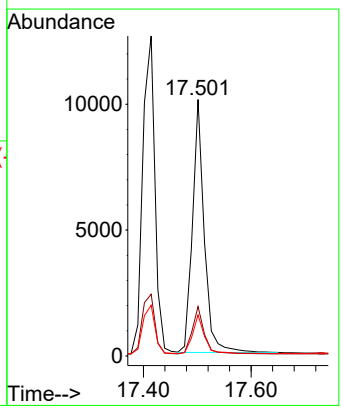


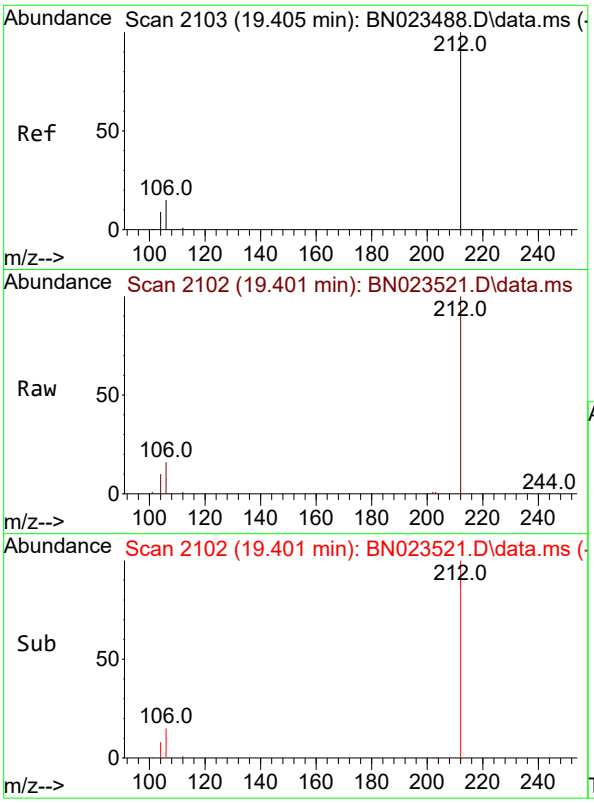


#26
Anthracene
Concen: 0.397 ng
RT: 17.501 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:178 Resp: 15257

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.6	12.3	18.5



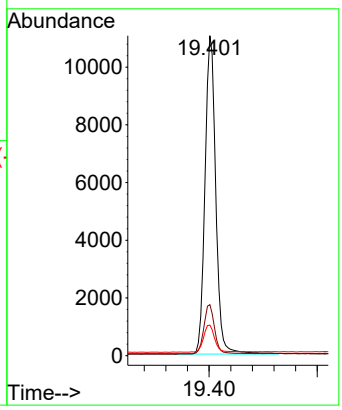


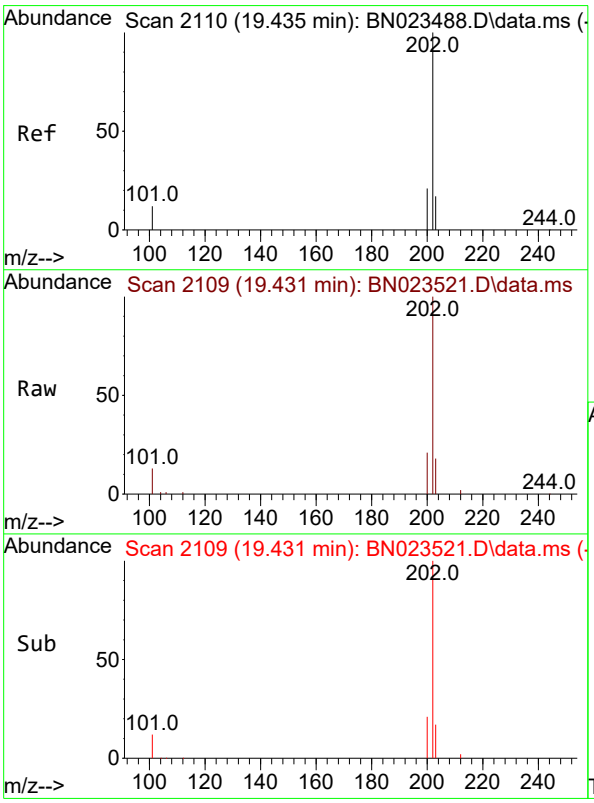
#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.401 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:212 Resp: 15201

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.3	18.5
104	8.8	6.8	10.2

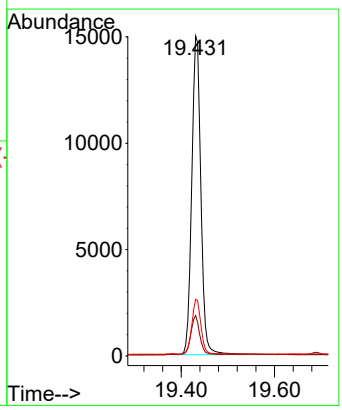


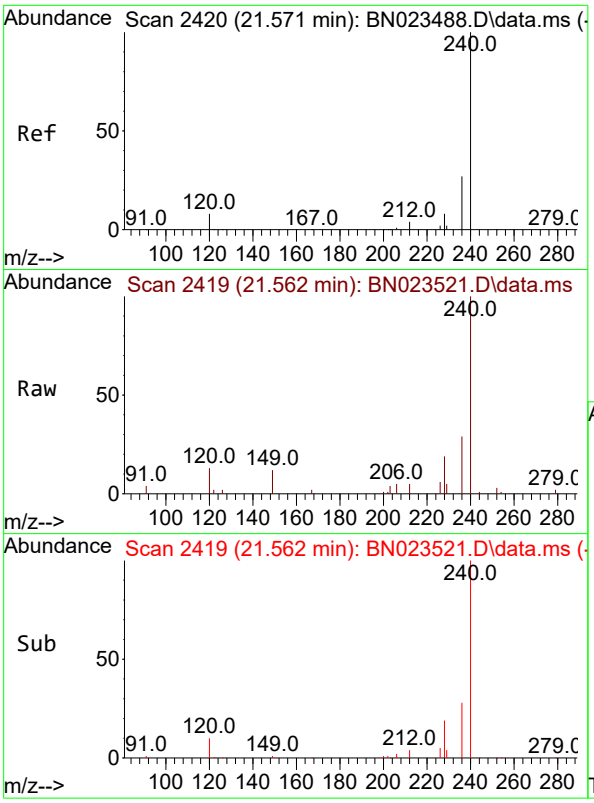


#28
Fluoranthene
Concen: 0.391 ng
RT: 19.431 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:202 Resp: 20339

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.1	13.8	20.8



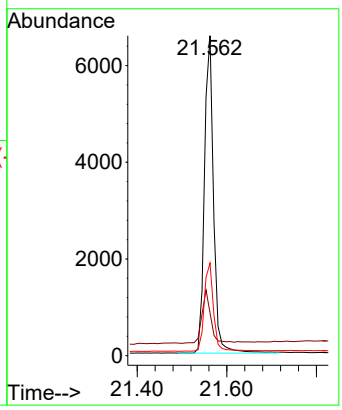


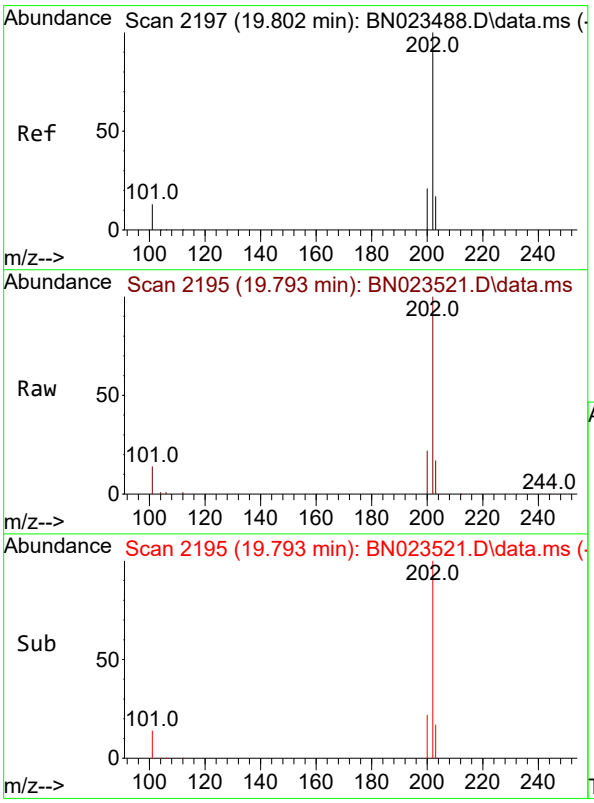
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.562 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:240 Resp: 9271

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.9	13.3#
236	29.0	22.5	33.7

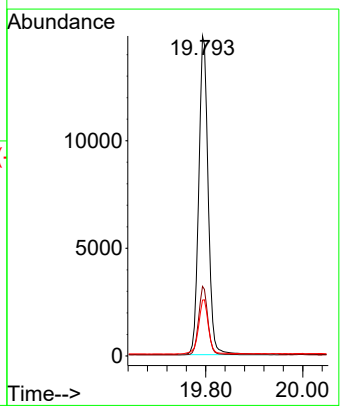


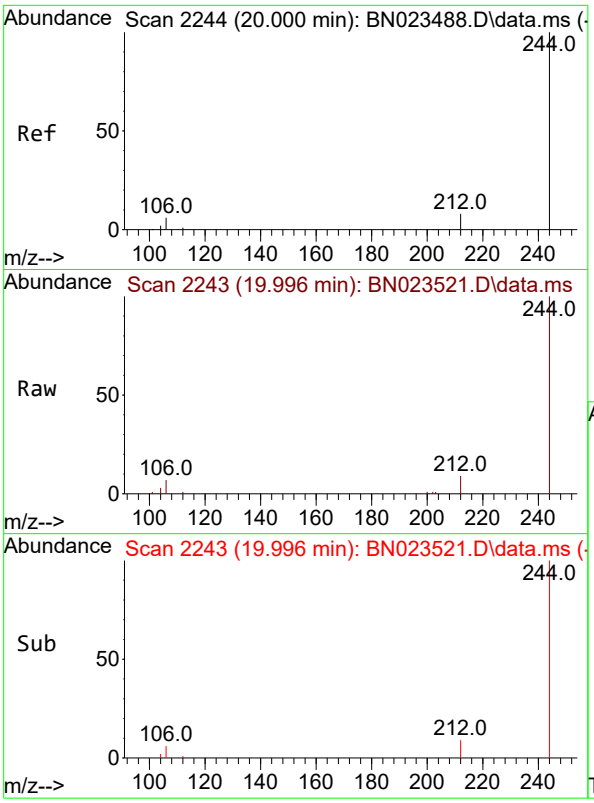


#30
Pyrene
Concen: 0.576 ng
RT: 19.793 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:202 Resp: 19942

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.4	21.6



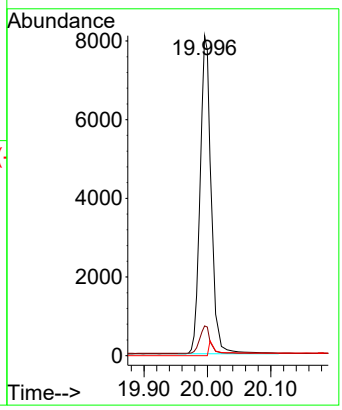


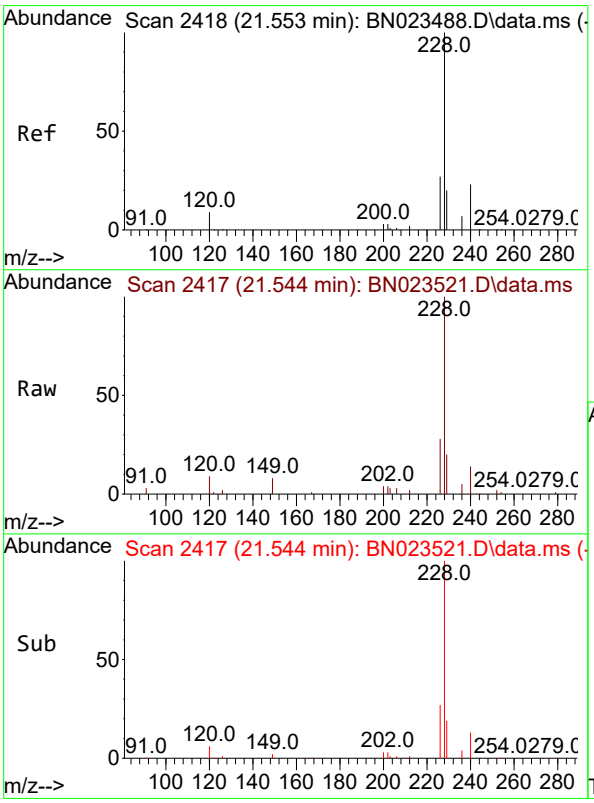
#31
Terphenyl-d14
Concen: 0.624 ng
RT: 19.996 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:244 Resp: 13489

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	0.0	0.0	0.0

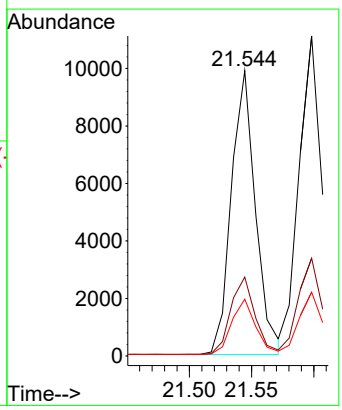


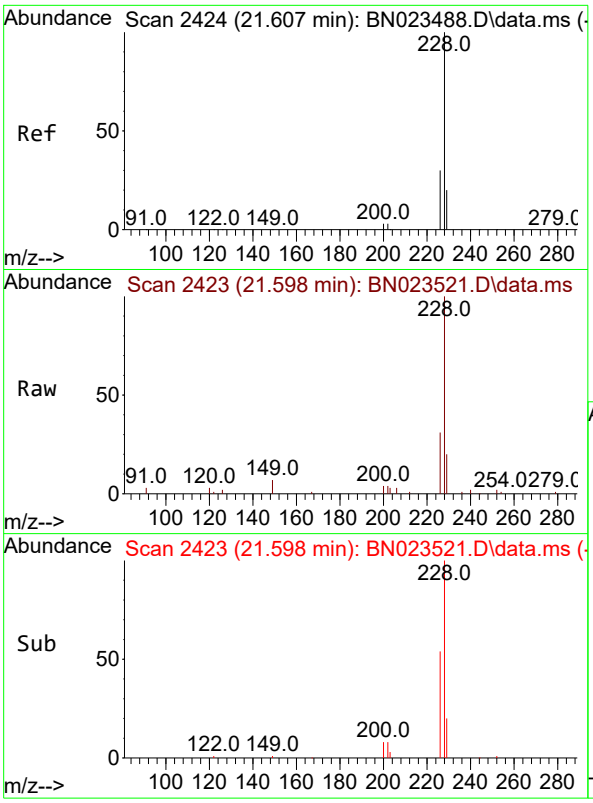


#32
Benzo(a)anthracene
Concen: 0.432 ng
RT: 21.544 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:228 Resp: 13345

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.9	16.0	24.0



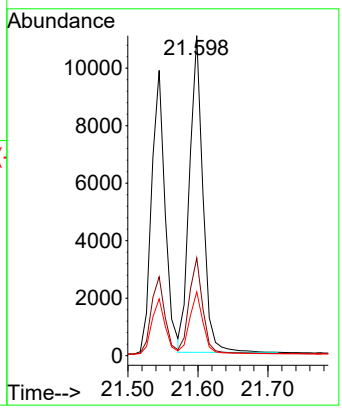


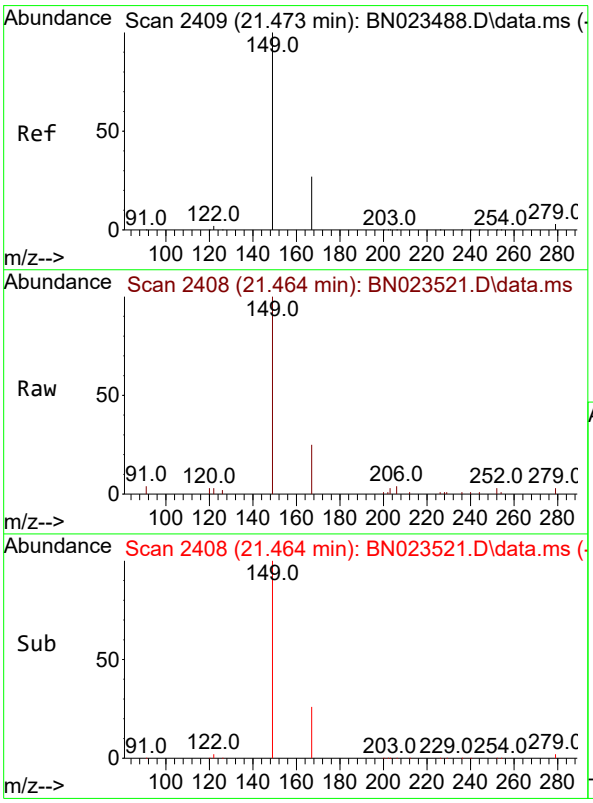
#33
Chrysene
Concen: 0.462 ng
RT: 21.598 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:228 Resp: 14663

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.9	16.0	24.0

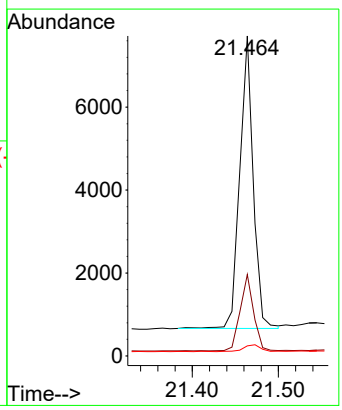


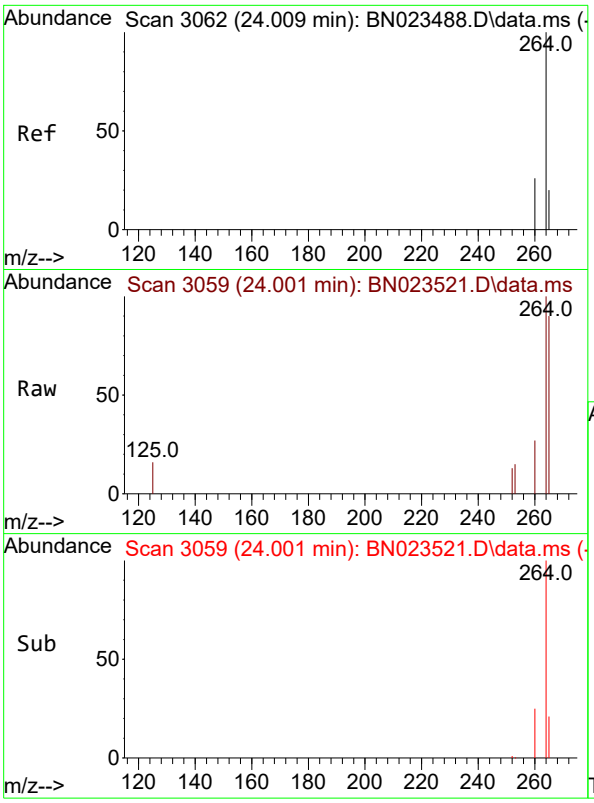


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.404 ng
RT: 21.464 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:149 Resp: 7667

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.6
279	3.0	2.2	3.4



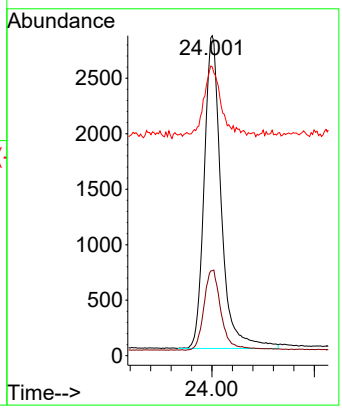


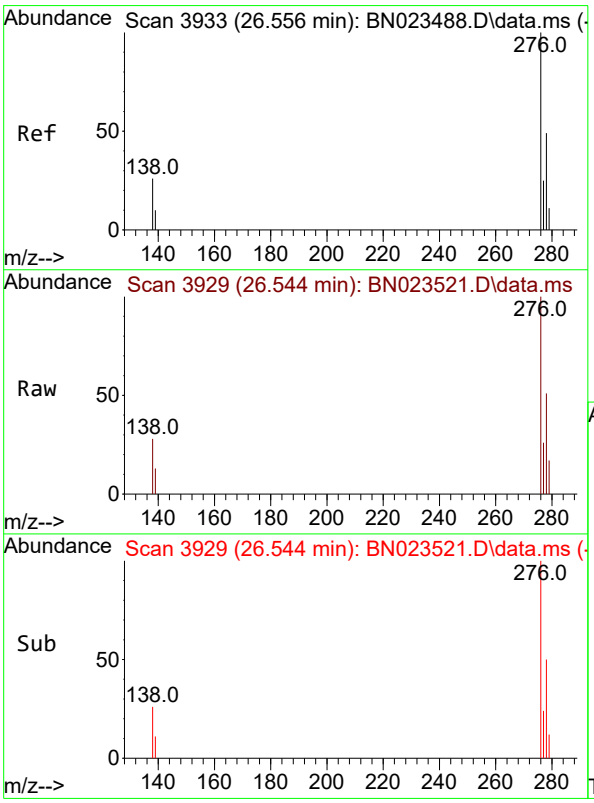
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.001 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:264 Resp: 6511

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	90.3	48.9	73.3#

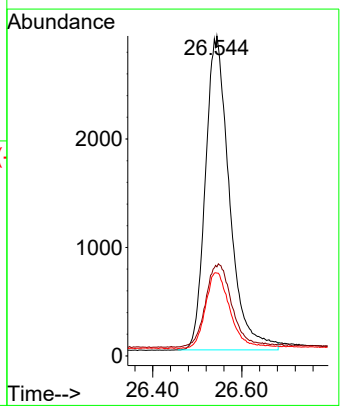


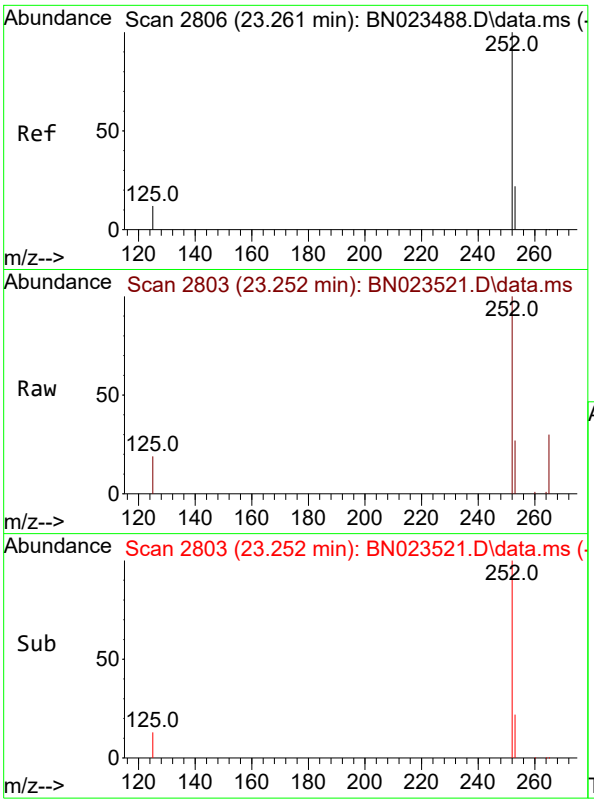


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 26.544 min Scan# 3929
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:276 Resp: 10846

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.0	34.6
277	24.4	19.5	29.3



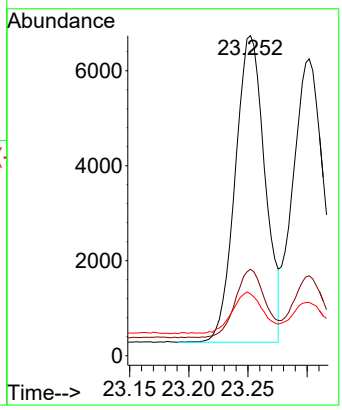


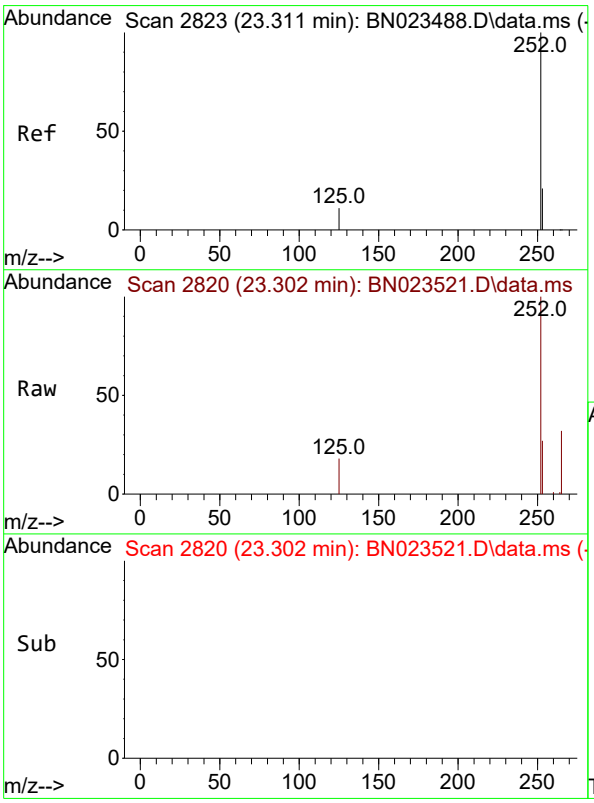
#37
Benzo(b)fluoranthene
Concen: 0.452 ng
RT: 23.252 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:252 Resp: 11309

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.7	31.1
125	19.3	13.4	20.2

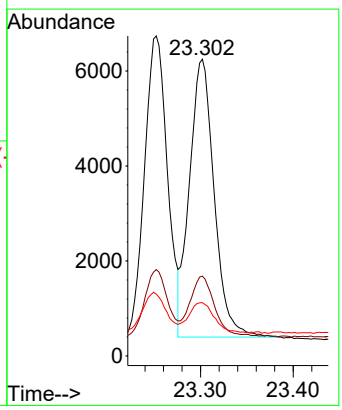


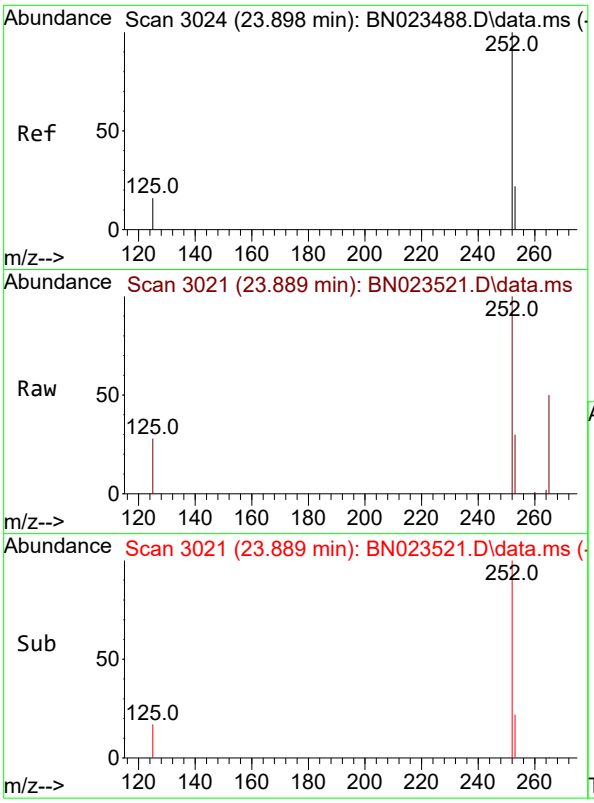


#38
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 23.302 min Scan# 2820
Delta R.T. 0.003 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:252 Resp: 10866

Ion	Ratio	Lower	Upper
252	100		
253	26.9	20.2	30.4
125	17.9	13.0	19.6



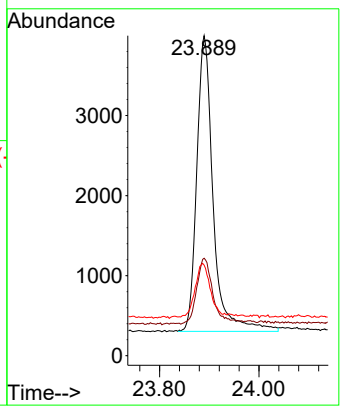


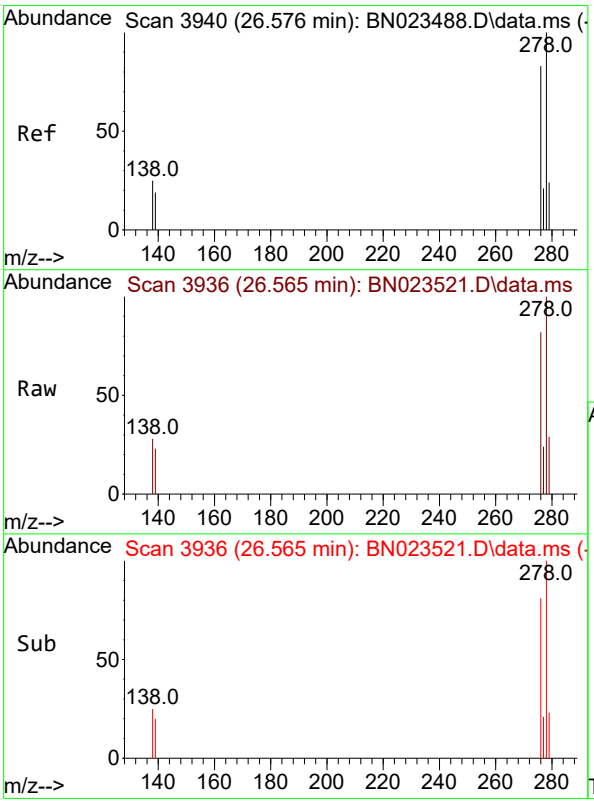
#39
Benzo(a)pyrene
Concen: 0.442 ng
RT: 23.889 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:252 Resp: 8442

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.3	33.5
125	28.3	18.7	28.1#

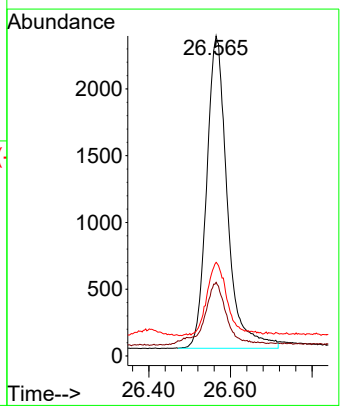


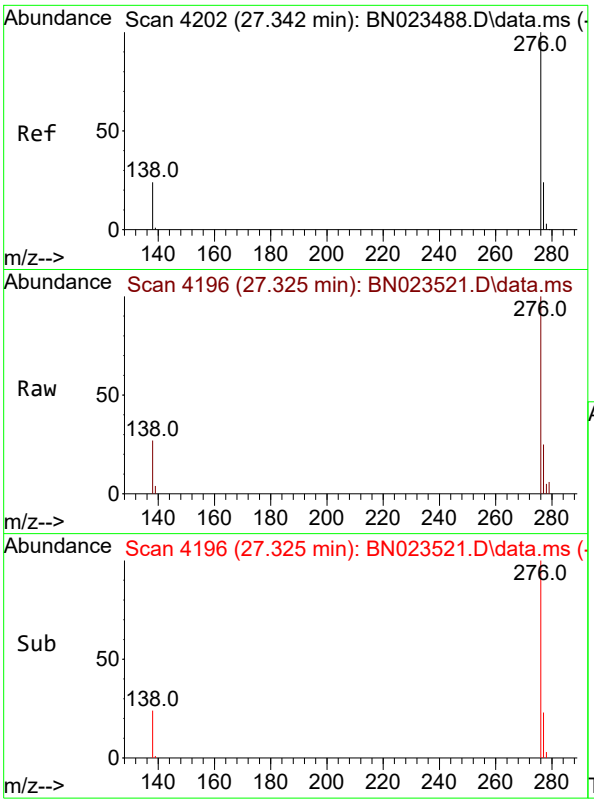


#40
Dibenzo(a,h)anthracene
Concen: 0.444 ng
RT: 26.565 min Scan# 3936
Delta R.T. 0.003 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Tgt Ion:278 Resp: 8222

Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.7	26.5
279	29.2	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 0.460 ng
RT: 27.325 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN023521.D
Acq: 28 Dec 2022 13:58

Instrument :
BNA_N
ClientSampleId :
PB149884BSD

Tgt Ion:276 Resp: 9844

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.0	30.0
138	26.7	20.6	31.0