Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036455.D
Acq On : 13 Feb 2025 00:11
Operator : RC/JU
Sample : PB166675BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Quant Time: Feb 13 00:42:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2803	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	6953	0.400	ng	#	0.00
13) Acenaphthene-d10	14.387	164	4239	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	9433	0.400	ng	#	0.00
29) Chrysene-d12	21.322	240	6681	0.400	ng		0.00
35) Perylene-d12	23.589	264	5828	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	2615	0.395	ng		0.00
5) Phenol-d6	6.930	99	2982	0.384	ng		0.00
8) Nitrobenzene-d5	8.897	82	2342	0.341	ng		-0.01
11) 2-Methylnaphthalene-d10	12.131	152	5981	0.560	ng		-0.01
14) 2,4,6-Tribromophenol	15.882	330	658	0.313	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	6074	0.381	ng		-0.01
27) Fluoranthene-d10	19.164	212	8652	0.330	ng		0.00
31) Terphenyl-d14	19.768	244	5925	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	922	0.301	ng	#	69
3) n-Nitrosodimethylamine	3.572	42	1831	0.344	ng		93
6) bis(2-Chloroethyl)ether	7.175	93	2923	0.360	ng		99
9) Naphthalene	10.584	128	7093	0.354	ng		100
10) Hexachlorobutadiene	10.882	225	1695	0.347	ng	#	100
12) 2-Methylnaphthalene	12.207	142	4591	0.349	ng		99
16) Acenaphthylene	14.110	152	7183	0.384	ng		99
17) Acenaphthene	14.452	154	4578	0.366	ng		99
18) Fluorene	15.435	166	6496	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.522	198	572	0.309	ng		85
21) 4-Bromophenyl-phenylether	16.329	248	1996	0.355	ng	#	85
22) Hexachlorobenzene	16.441	284	2519	0.362	ng		98
23) Atrazine	16.602	200	1659	0.353	ng		94
24) Pentachlorophenol	16.788	266	1375	0.417	ng		99
25) Phenanthrene	17.173	178	10071	0.369	ng		100
26) Anthracene	17.260	178	9213	0.383	ng		100
28) Fluoranthene	19.197	202	11075	0.331	ng		100
30) Pyrene	19.559	202	11367	0.442	ng		99
32) Benzo(a)anthracene	21.304	228	8431	0.383	ng		99
33) Chrysene	21.357	228	9478	0.398	ng		98
34) Bis(2-ethylhexyl)phtha...	21.232	149	5132	0.375	ng		99
36) Indeno(1,2,3-cd)pyrene	25.884	276	7446	0.366	ng		98
37) Benzo(b)fluoranthene	22.902	252	7169	0.374	ng	#	93
38) Benzo(k)fluoranthene	22.949	252	8031	0.407	ng	#	93
39) Benzo(a)pyrene	23.490	252	6762	0.404	ng	#	94
40) Dibenzo(a,h)anthracene	25.905	278	5905	0.367	ng		97
41) Benzo(g,h,i)perylene	26.580	276	2762	0.152	ng		97

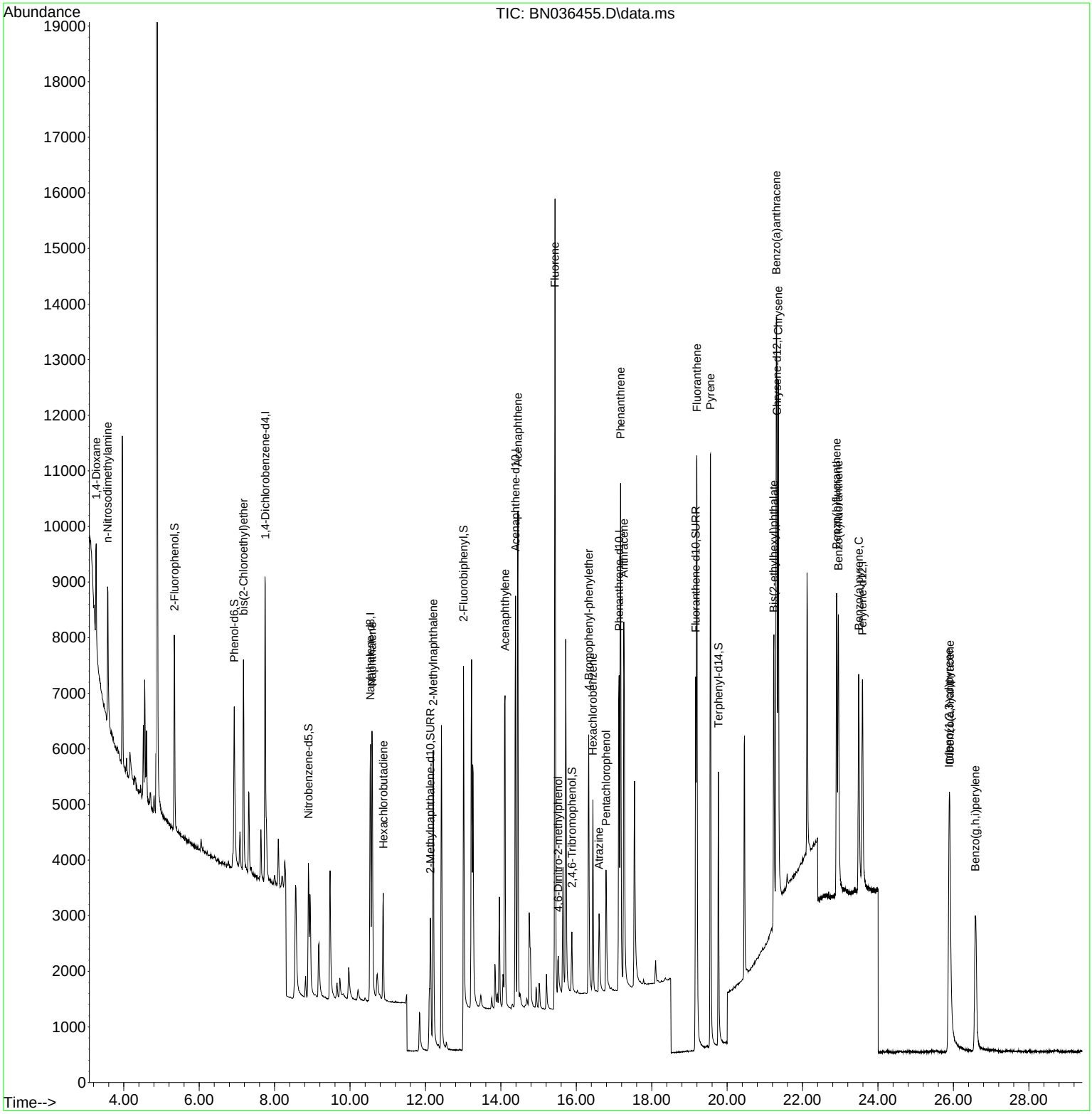
(#) = qualifier out of range (m) = manual integration (+) = signals summed

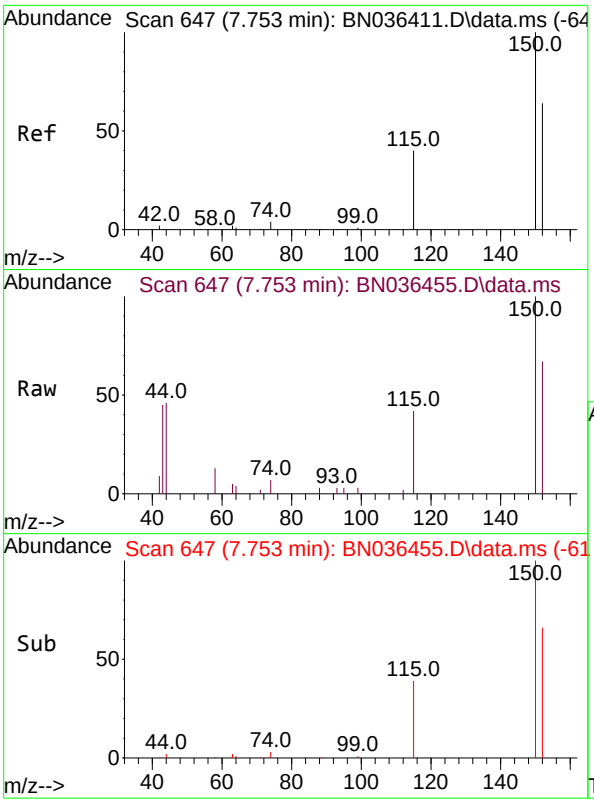
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036455.D
Acq On : 13 Feb 2025 00:11
Operator : RC/JU
Sample : PB166675BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Quant Time: Feb 13 00:42:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



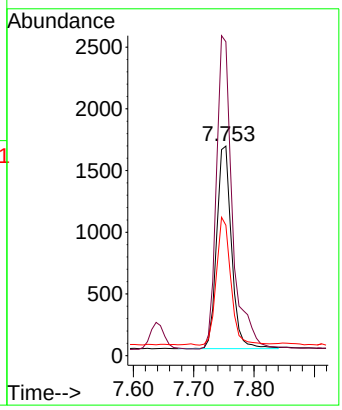


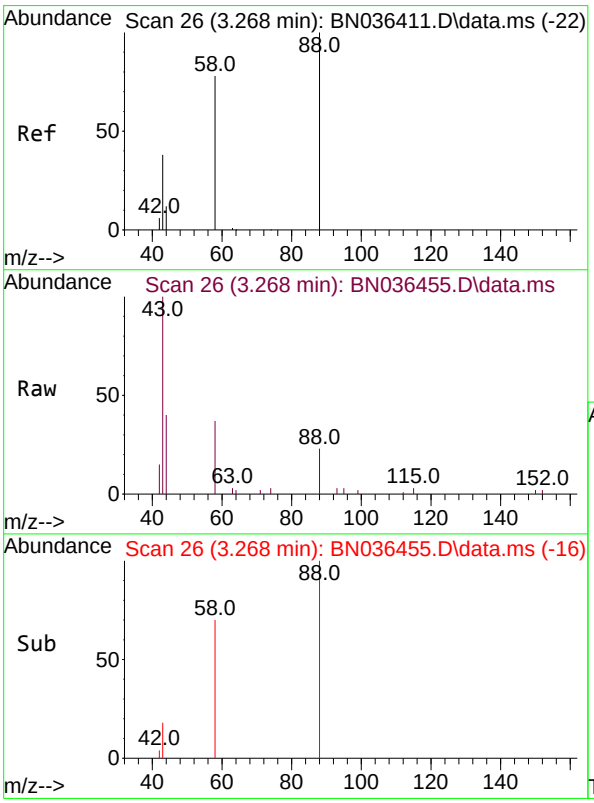
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:152 Resp: 2803

Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.7	185.5
115	62.2	52.5	78.7

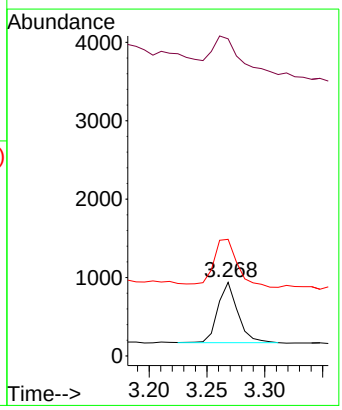


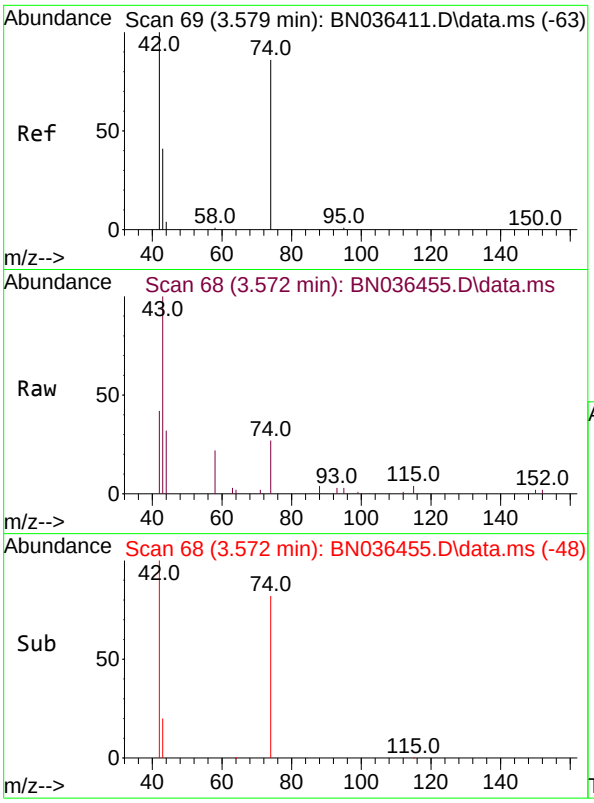


#2
1,4-Dioxane
Concen: 0.301 ng
RT: 3.268 min Scan# 26
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion: 88 Resp: 922

Ion	Ratio	Lower	Upper
88	100		
43	85.4	33.7	50.5#
58	97.2	68.9	103.3



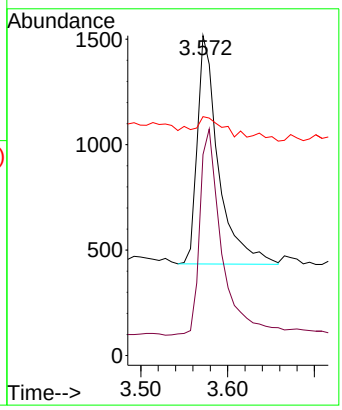


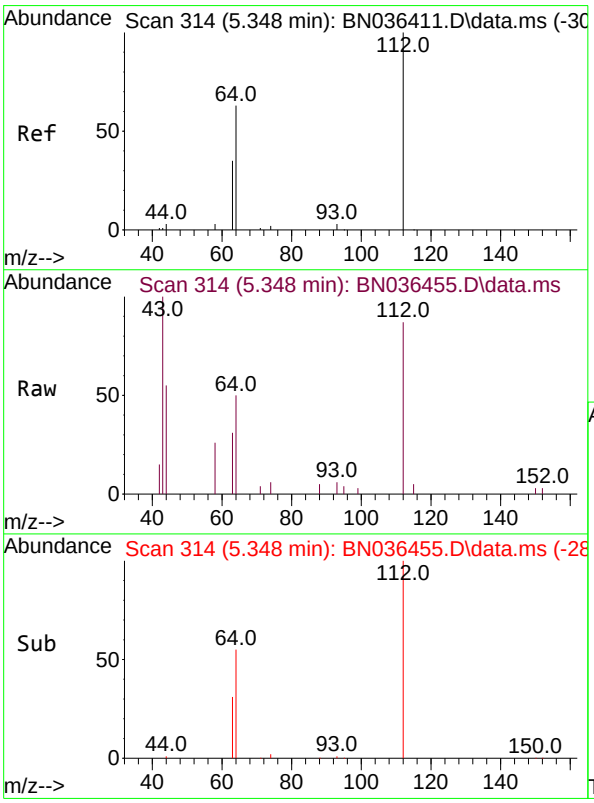
#3
n-Nitrosodimethylamine
Concen: 0.344 ng
RT: 3.572 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion: 42 Resp: 1831

Ion	Ratio	Lower	Upper
42	100		
74	97.2	71.8	107.6
44	8.5	7.8	11.6

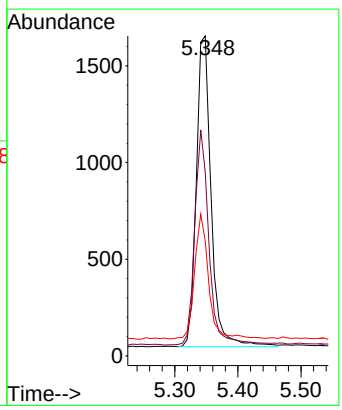


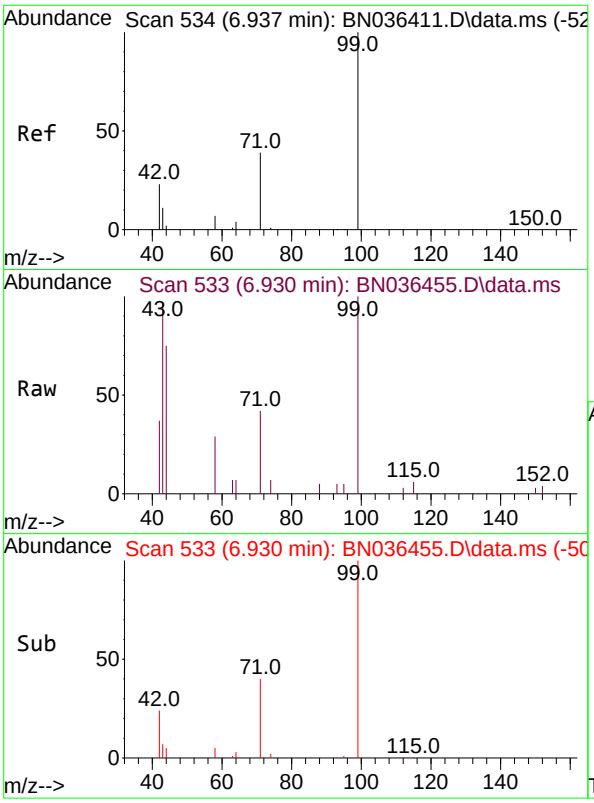


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:112 Resp: 2615

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.4	80.0
63	38.0	30.3	45.5



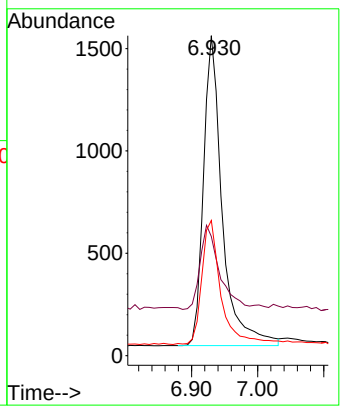


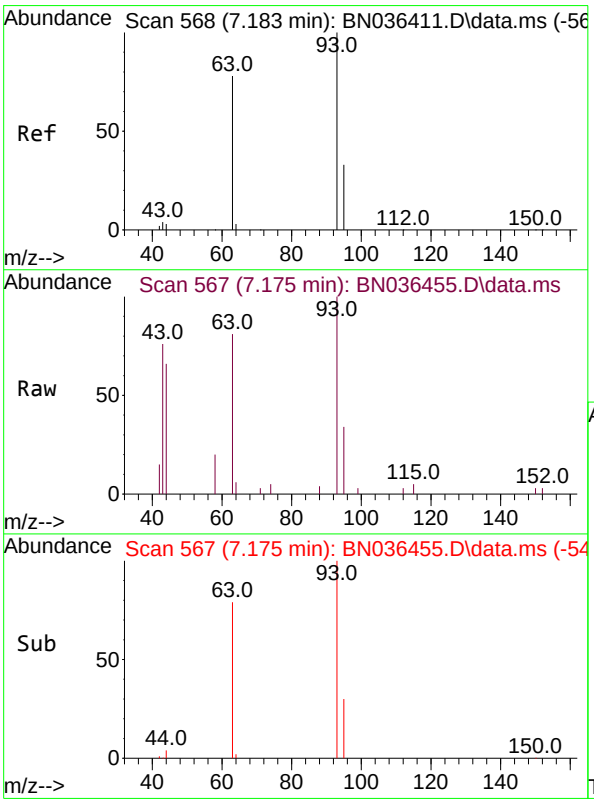
#5
Phenol-d6
Concen: 0.384 ng
RT: 6.930 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion: 99 Resp: 2982

Ion	Ratio	Lower	Upper
99	100		
42	27.9	21.7	32.5
71	42.4	32.6	49.0

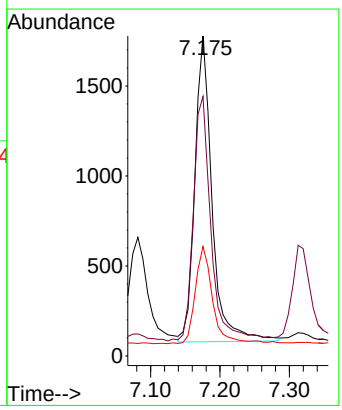


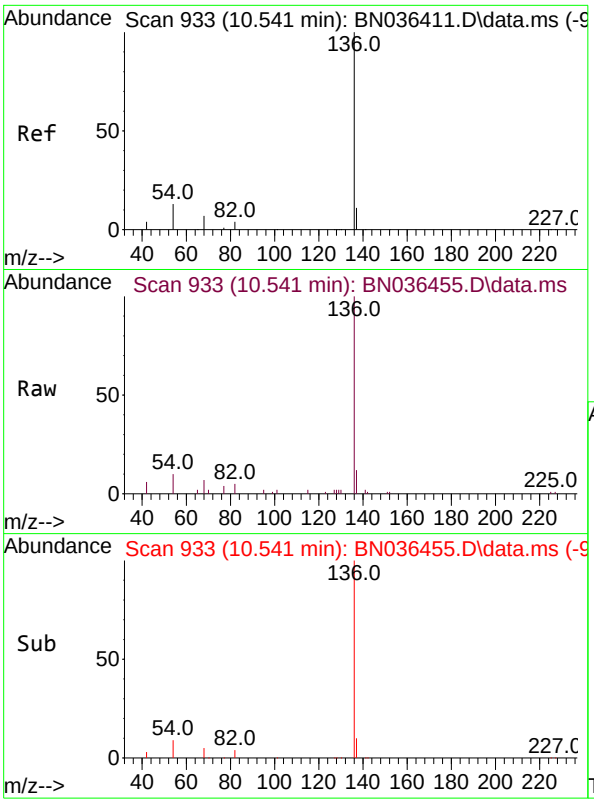


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 7.175 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion: 93 Resp: 2923

Ion	Ratio	Lower	Upper
93	100		
63	82.1	66.3	99.5
95	32.0	26.2	39.4



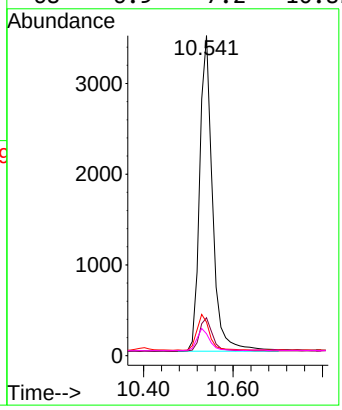


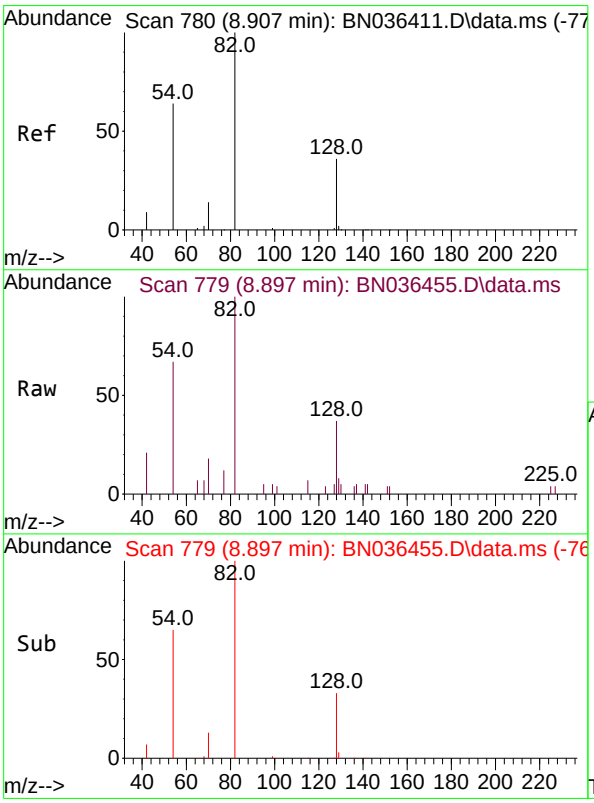
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:136 Resp: 6953

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.1	15.1
54	10.5	11.8	17.6#
68	6.9	7.2	10.8#

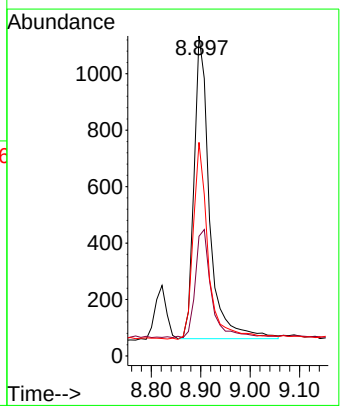


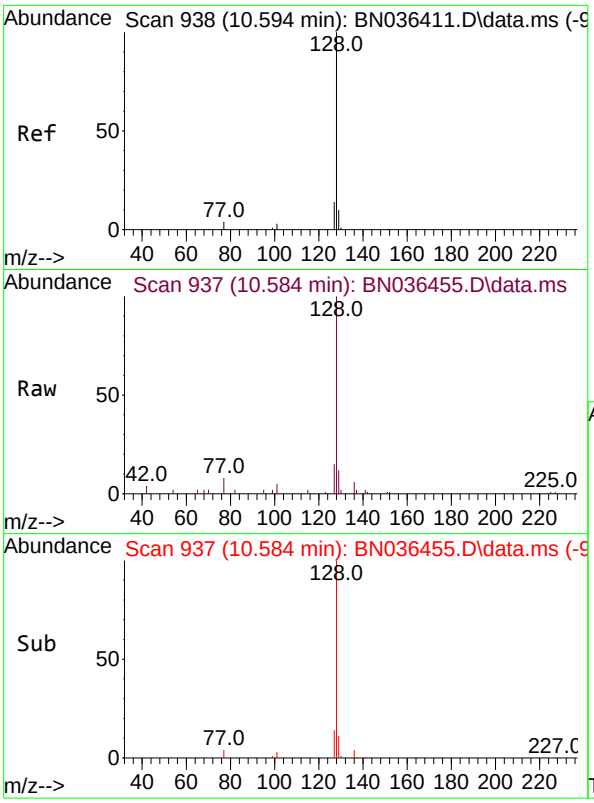


#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion: 82 Resp: 2342

Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.9	47.9
54	66.8	53.1	79.7



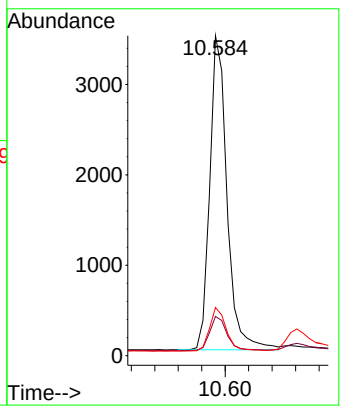


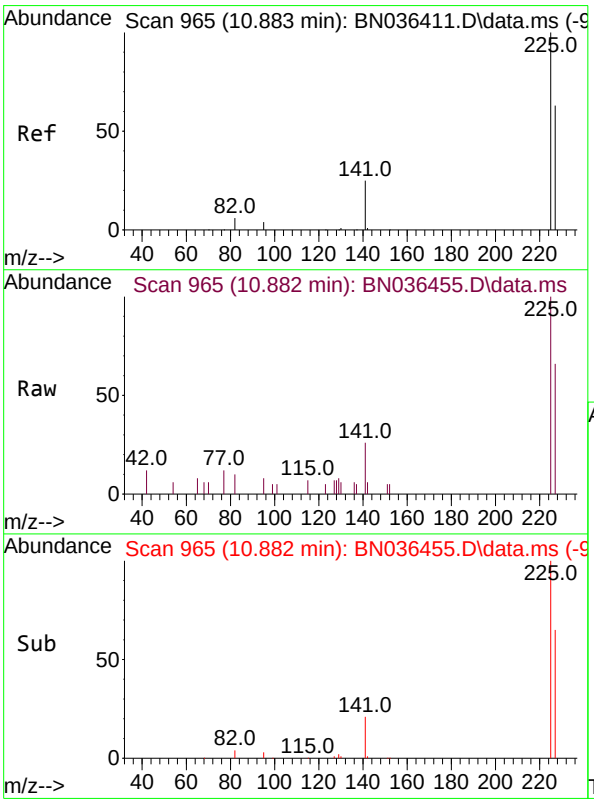
#9
Naphthalene
Concen: 0.354 ng
RT: 10.584 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:128 Resp: 7093

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	15.1	12.0	18.0

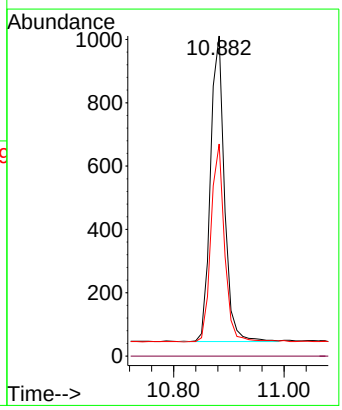


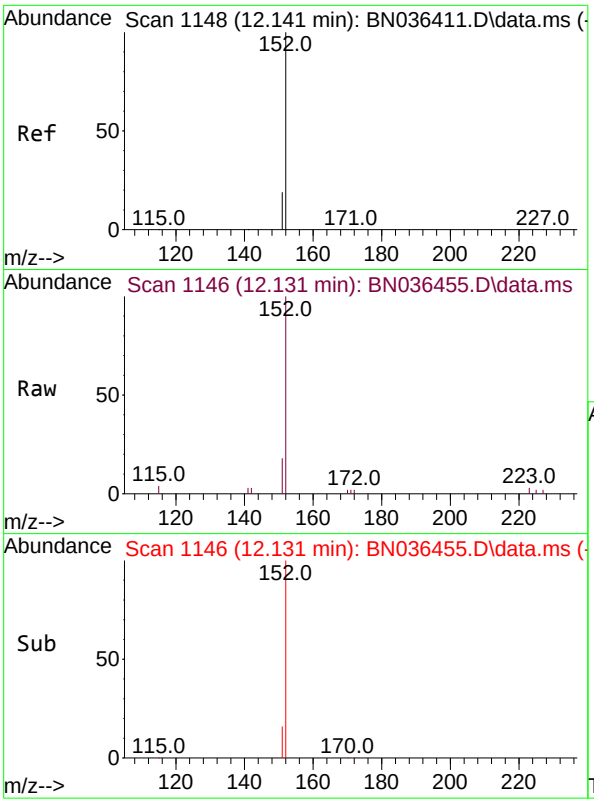


#10
Hexachlorobutadiene
Concen: 0.347 ng
RT: 10.882 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:225 Resp: 1695

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.9	76.3



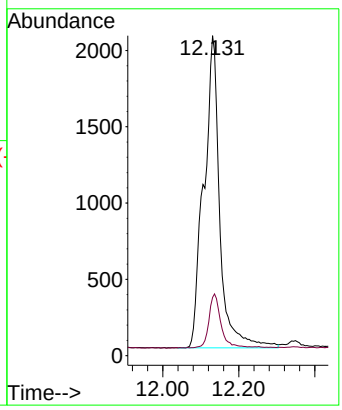


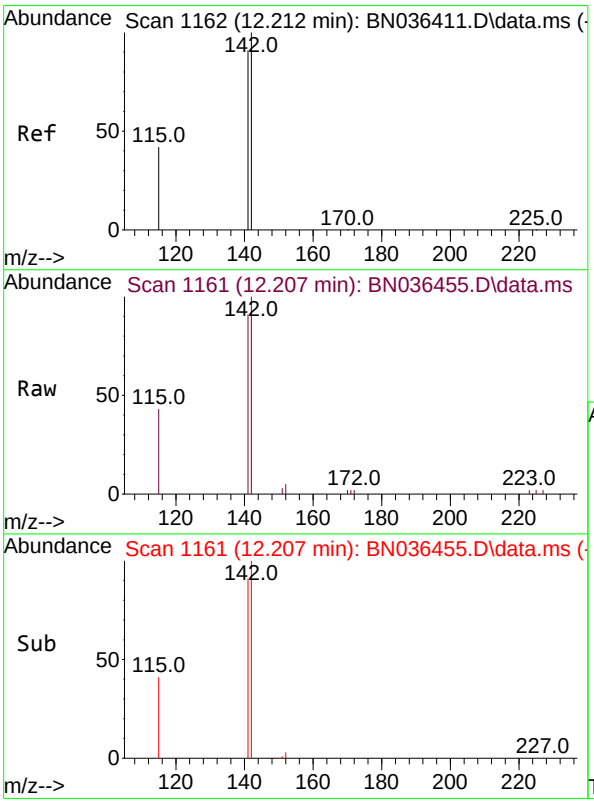
#11
2-Methylnaphthalene-d10
Concen: 0.560 ng
RT: 12.131 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:152 Resp: 5981

Ion	Ratio	Lower	Upper
152	100		
151	13.0	16.6	25.0#

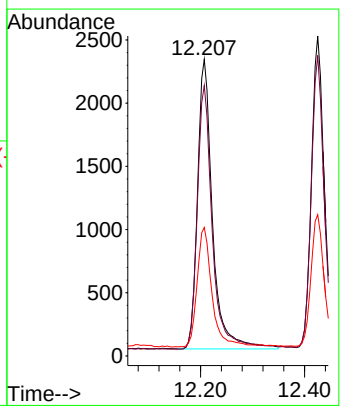


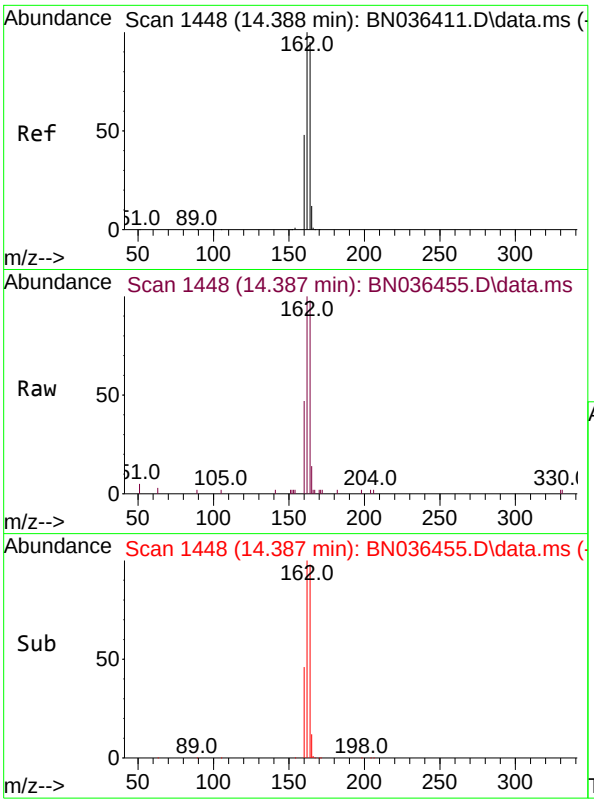


#12
2-Methylnaphthalene
Concen: 0.349 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.005 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:142 Resp: 4591

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.8	109.2
115	43.3	35.5	53.3



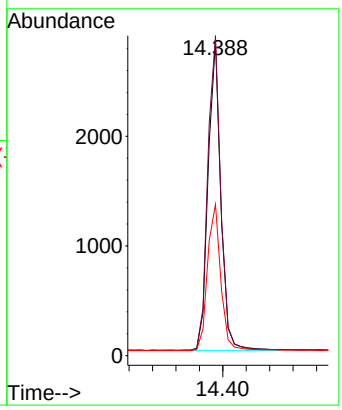


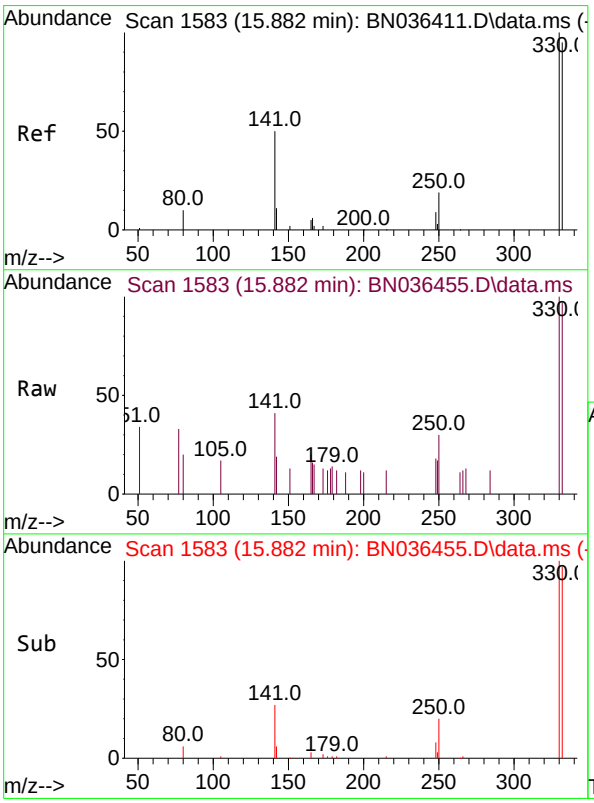
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:164 Resp: 4239

Ion	Ratio	Lower	Upper
164	100		
162	101.8	84.1	126.1
160	48.2	41.4	62.0

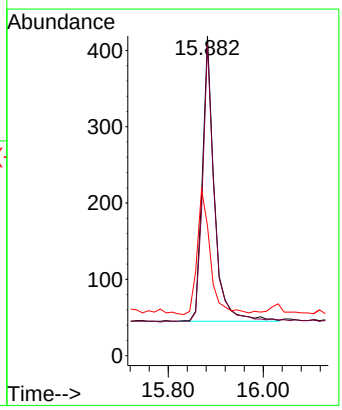


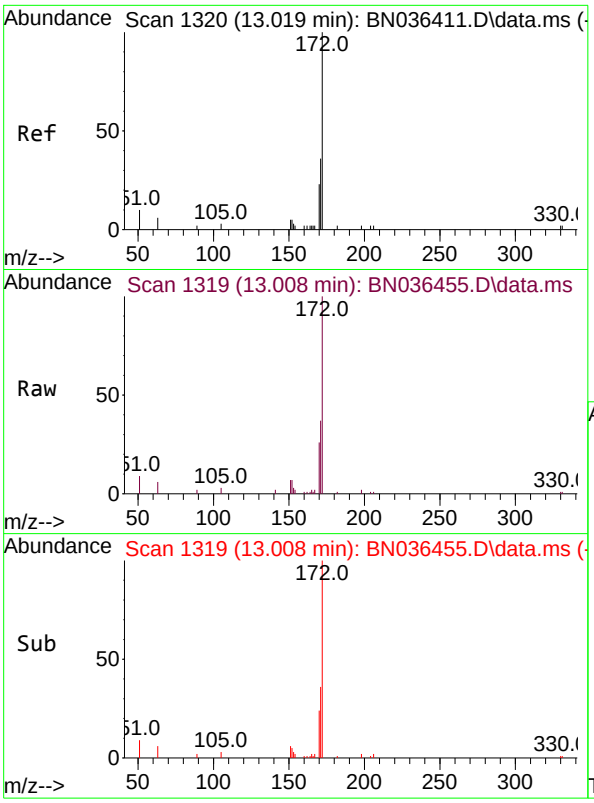


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:330 Resp: 658

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	47.7	37.8	56.8



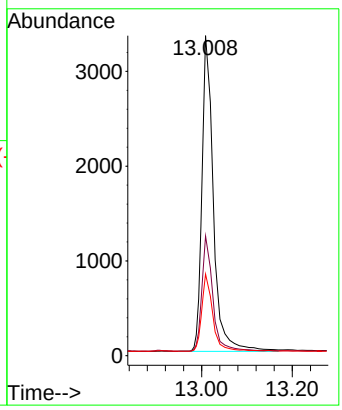


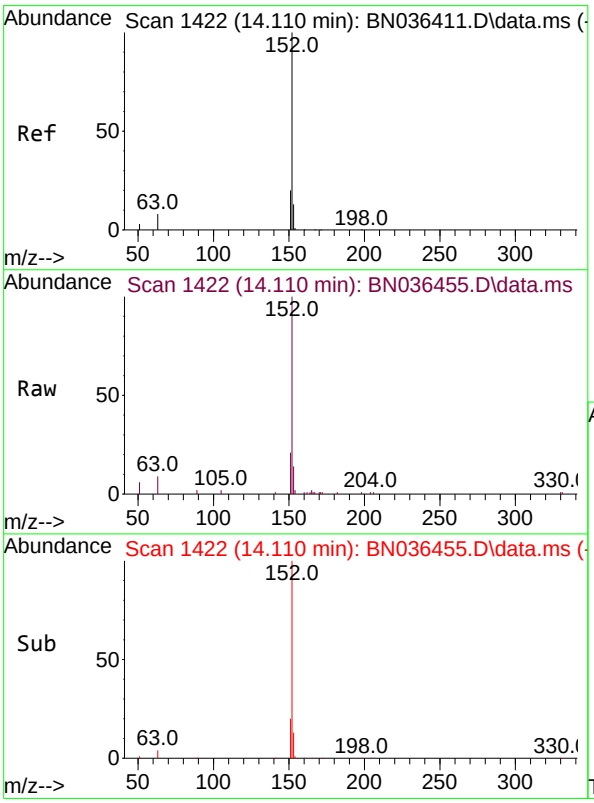
#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.008 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:172 Resp: 6074

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	25.5	19.8	29.6

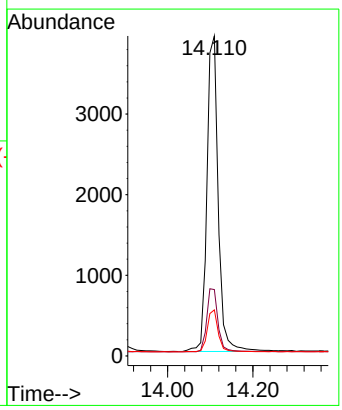


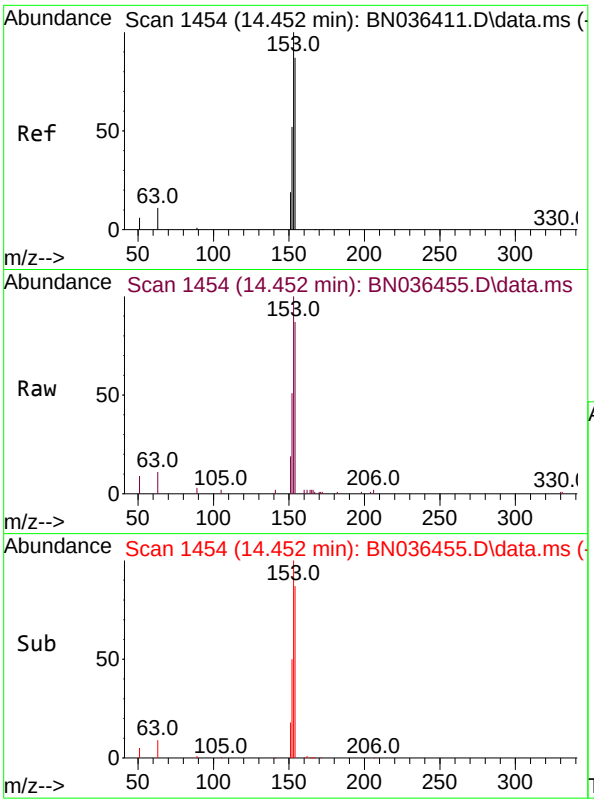


#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.110 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:152 Resp: 7183

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	12.8	10.2	15.2



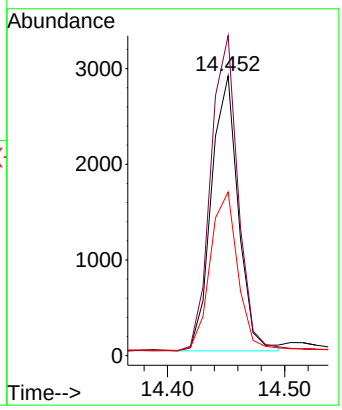


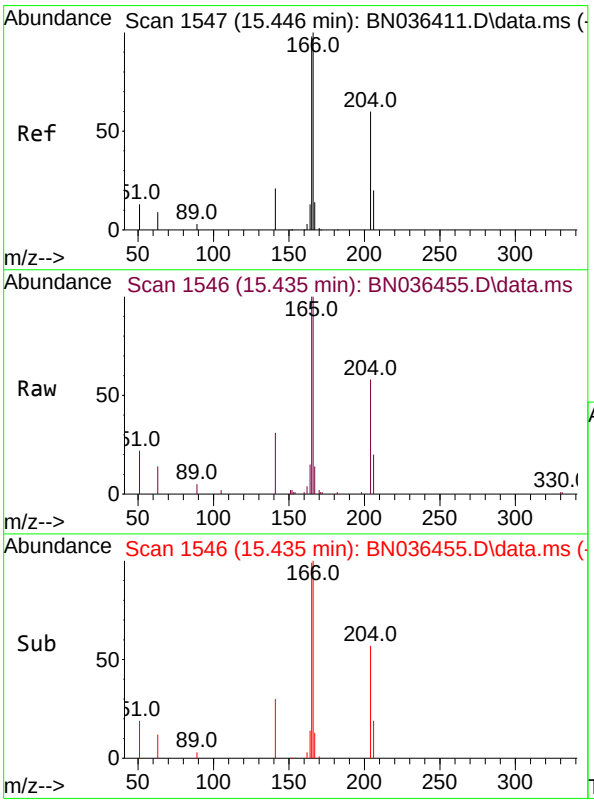
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:154 Resp: 4578

Ion	Ratio	Lower	Upper
154	100		
153	117.5	93.3	139.9
152	59.7	48.8	73.2

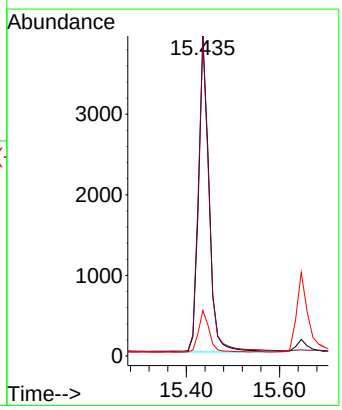


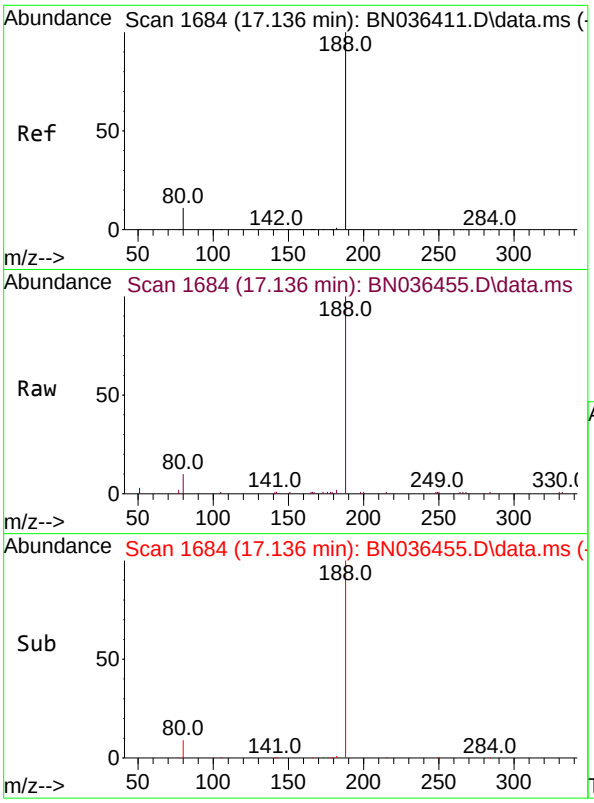


#18
Fluorene
Concen: 0.365 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:166 Resp: 6496

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.5	119.3
167	13.1	10.4	15.6



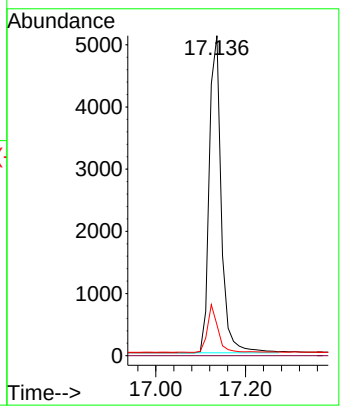


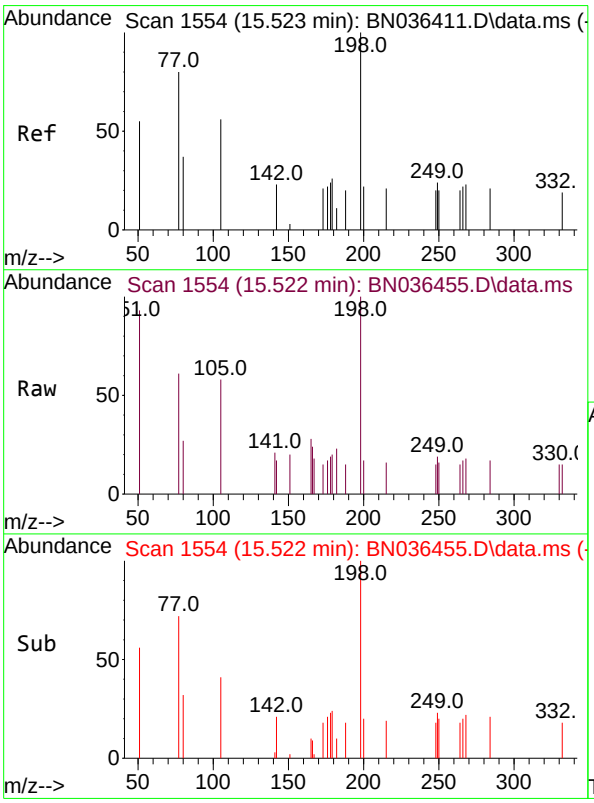
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:188 Resp: 9433

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	9.8	14.6#

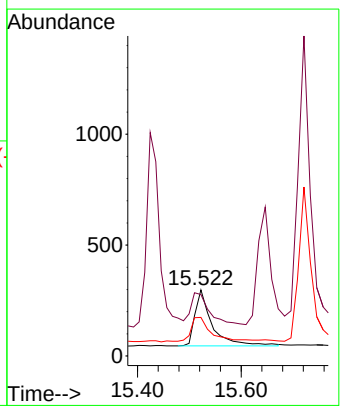


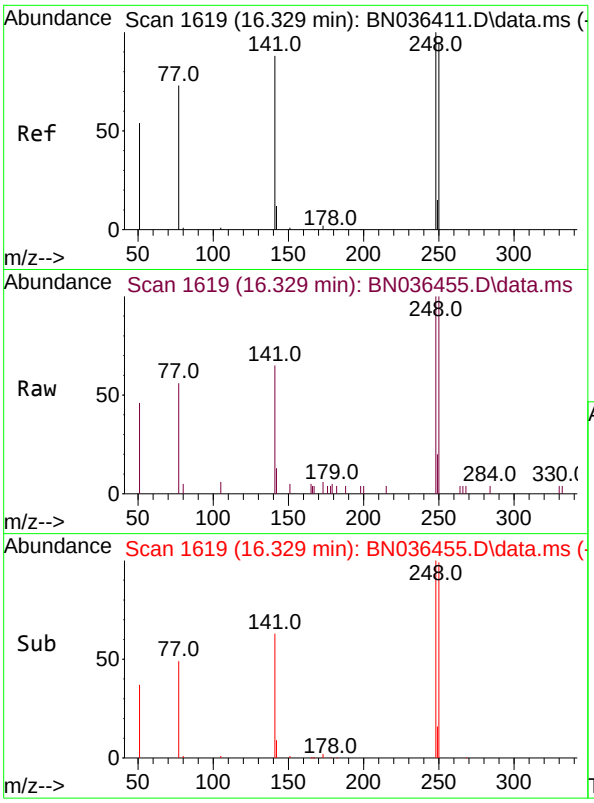


#20
4,6-Dinitro-2-methylphenol
Concen: 0.309 ng
RT: 15.522 min Scan# 1554
Delta R.T. -0.001 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:198 Resp: 572

Ion	Ratio	Lower	Upper
198	100		
51	93.0	86.6	129.8
105	58.4	57.5	86.3



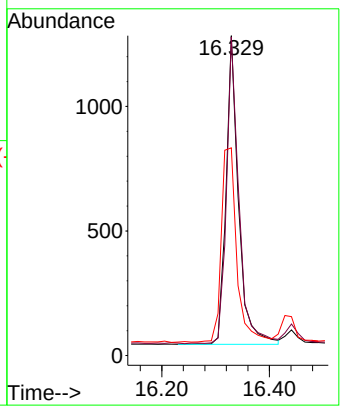


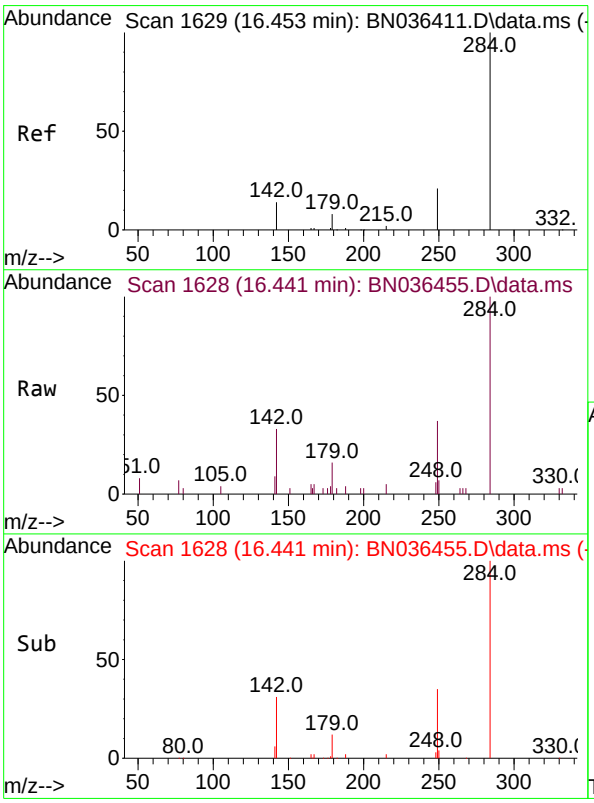
#21
4-Bromophenyl-phenylether
Concen: 0.355 ng
RT: 16.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:248 Resp: 1996

Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.1	114.1
141	65.0	71.7	107.5#

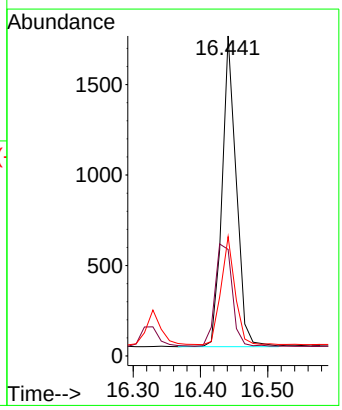


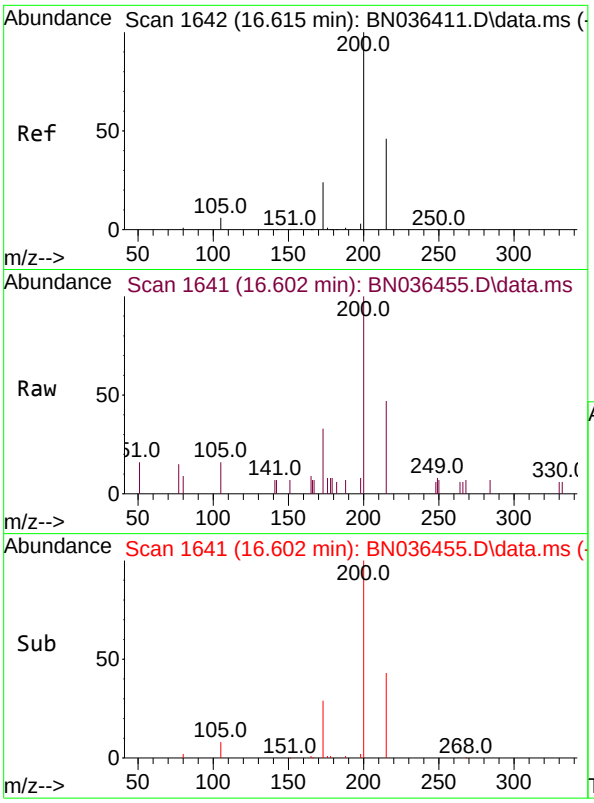


#22
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.012 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:284 Resp: 2519

Ion	Ratio	Lower	Upper
284	100		
142	40.0	33.4	50.0
249	35.1	28.6	43.0



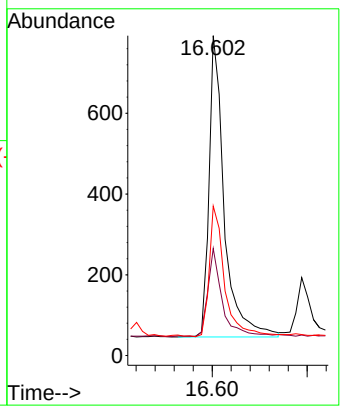


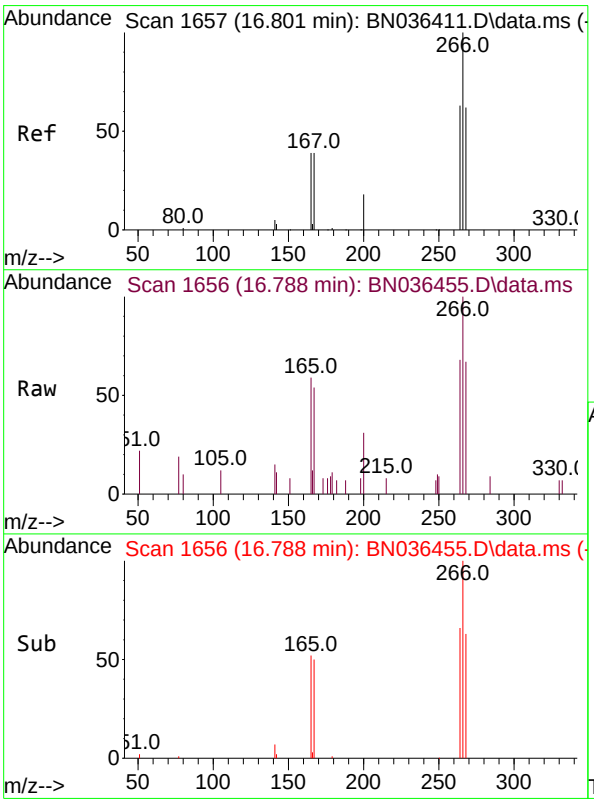
#23
Atrazine
Concen: 0.353 ng
RT: 16.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:200 Resp: 1659

Ion	Ratio	Lower	Upper
200	100		
173	33.5	23.2	34.8
215	46.7	40.0	60.0

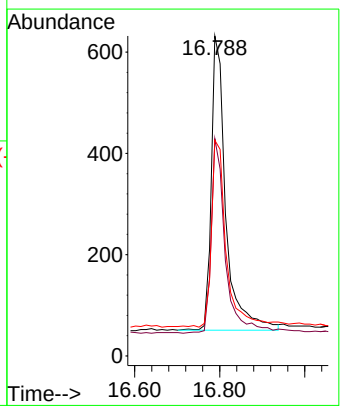


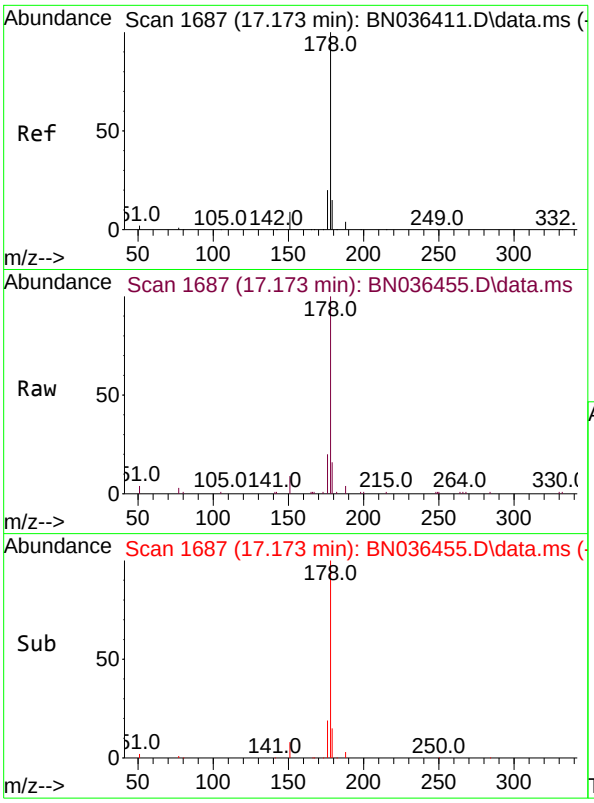


#24
Pentachlorophenol
Concen: 0.417 ng
RT: 16.788 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:266 Resp: 1375

Ion	Ratio	Lower	Upper
266	100		
264	64.6	50.6	76.0
268	64.7	51.9	77.9



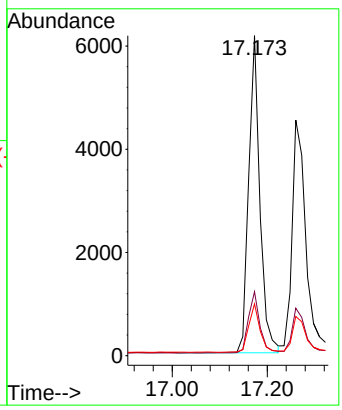


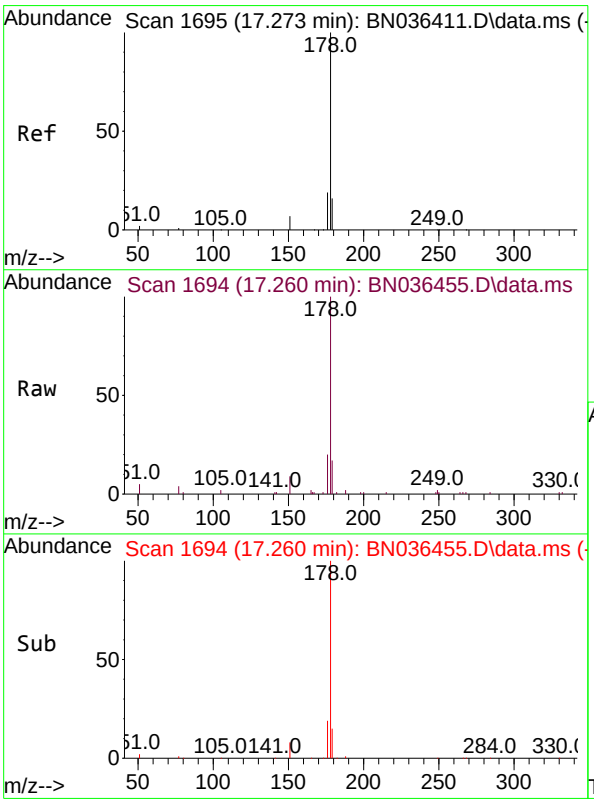
#25
Phenanthrene
Concen: 0.369 ng
RT: 17.173 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:178 Resp: 10071

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.5	12.4	18.6

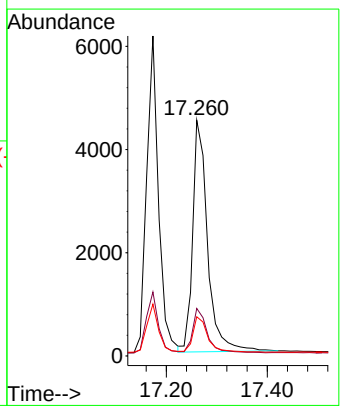


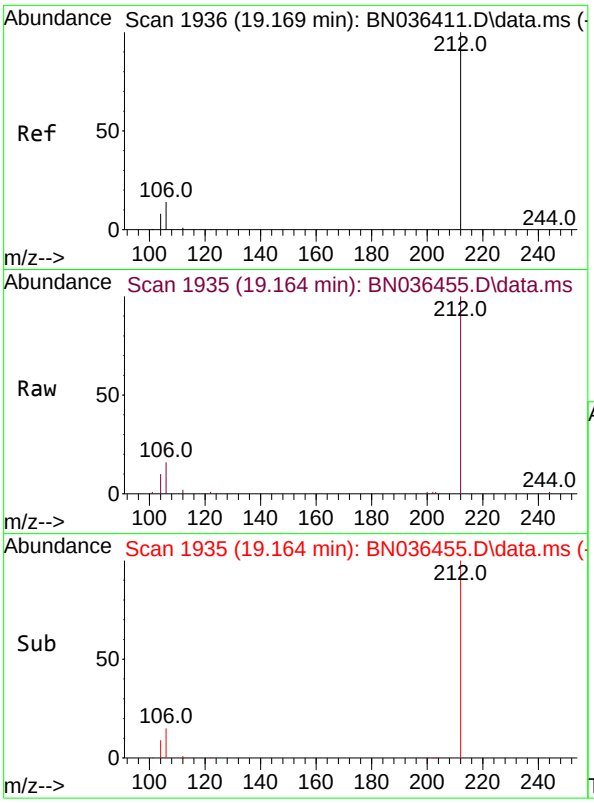


#26
Anthracene
Concen: 0.383 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:178 Resp: 9213

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.3	12.4	18.6



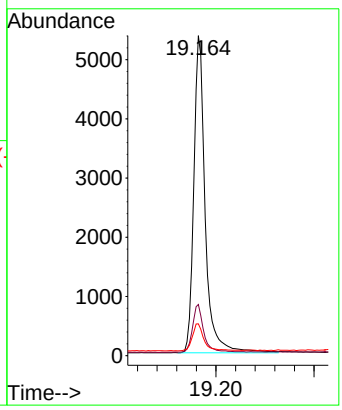


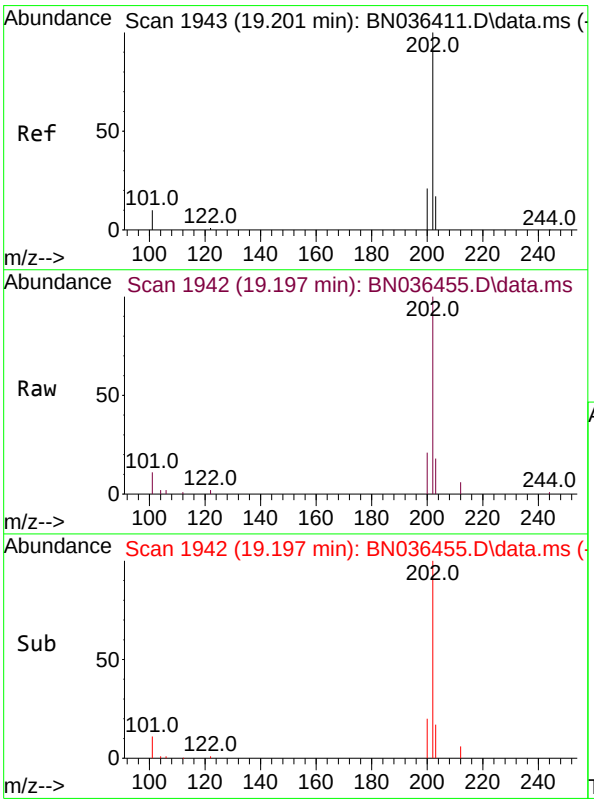
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.164 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:212 Resp: 8652

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.6	7.1	10.7

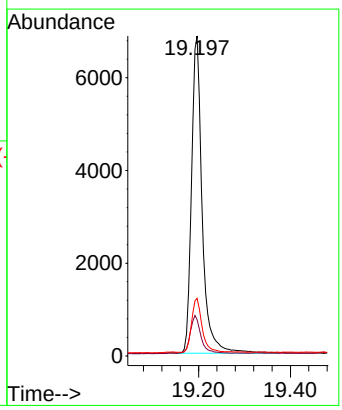


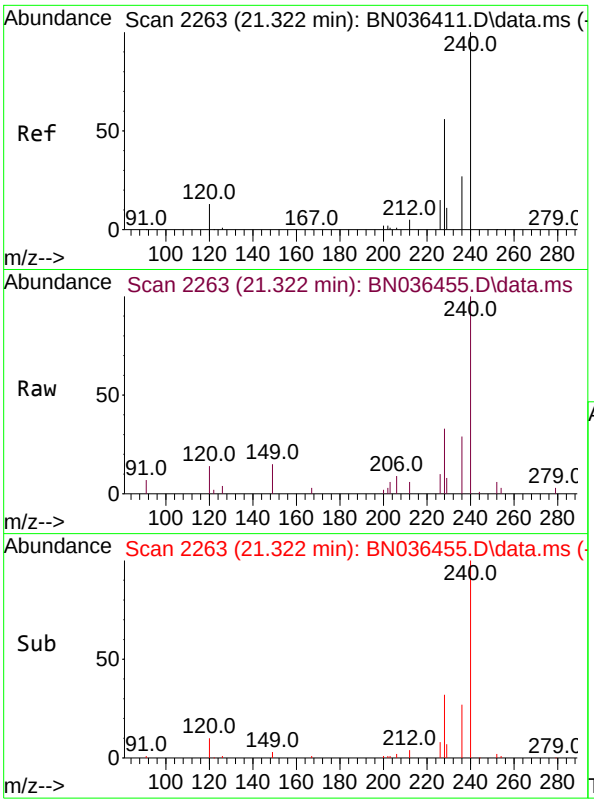


#28
Fluoranthene
Concen: 0.331 ng
RT: 19.197 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:202 Resp: 11075

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
203	16.8	13.4	20.0



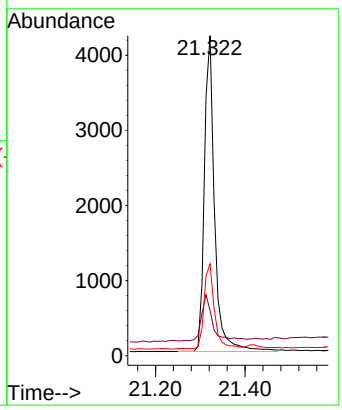


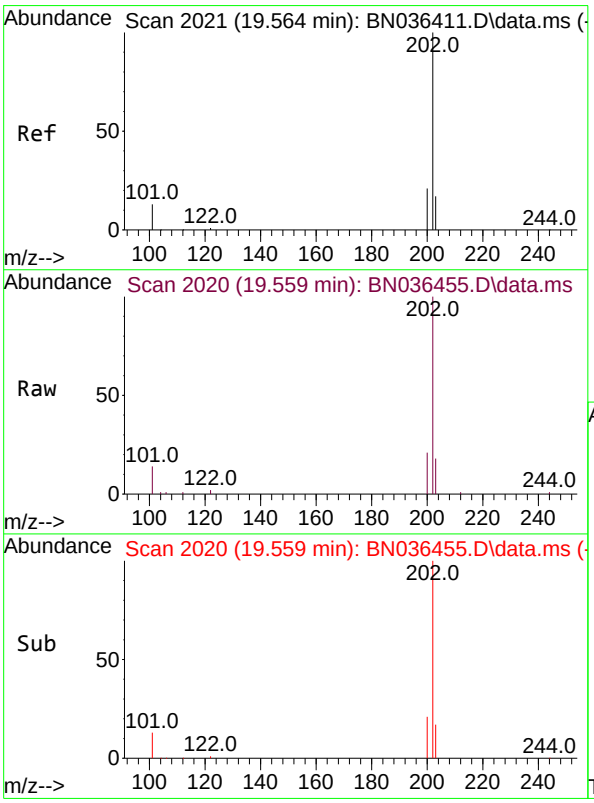
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:240 Resp: 6681

Ion	Ratio	Lower	Upper
240	100		
120	14.2	13.3	19.9
236	28.7	23.0	34.6

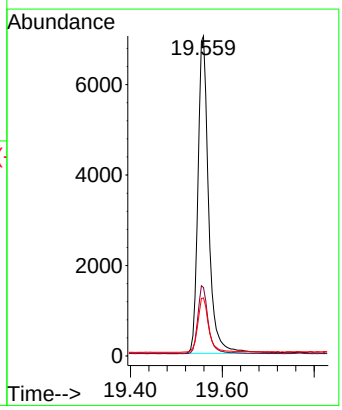


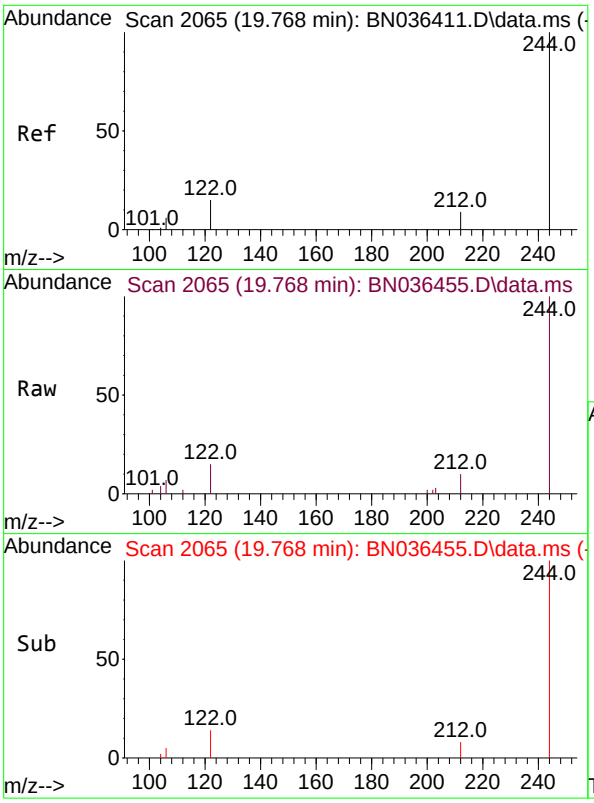


#30
Pyrene
Concen: 0.442 ng
RT: 19.559 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:202 Resp: 11367

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.9	13.9	20.9



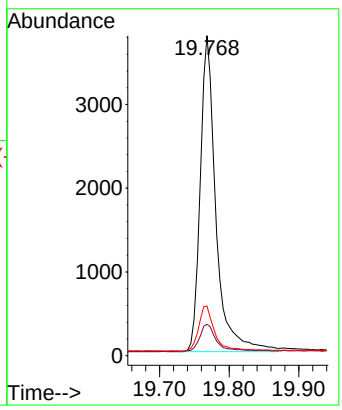


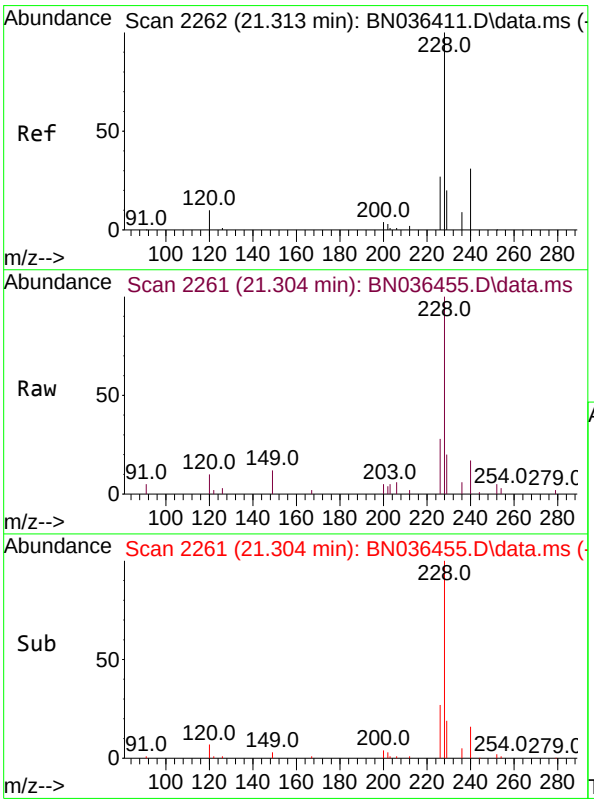
#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:244 Resp: 5925

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.1	12.1
122	15.5	12.8	19.2

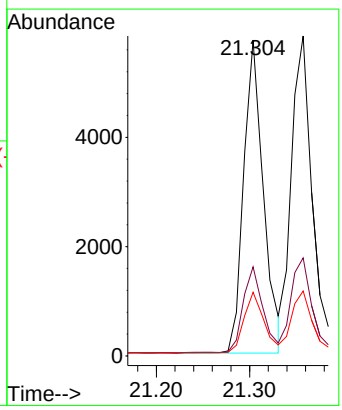


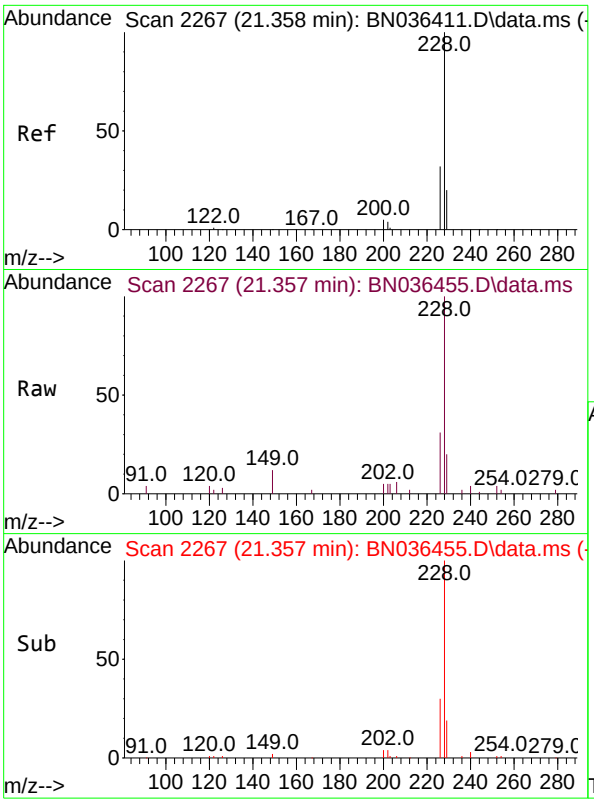


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:228 Resp: 8431

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.1	16.5	24.7



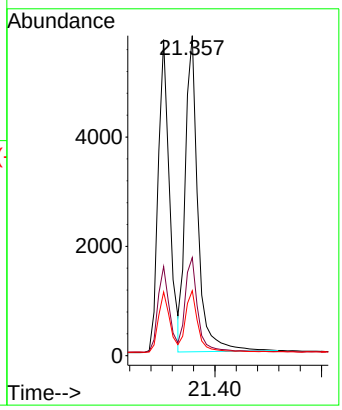


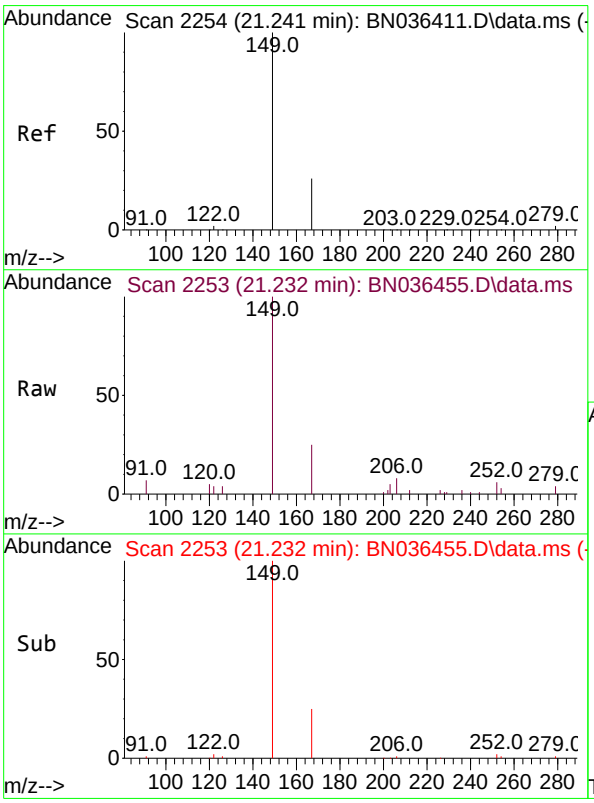
#33
Chrysene
Concen: 0.398 ng
RT: 21.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:228 Resp: 9478

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	20.3	16.4	24.6

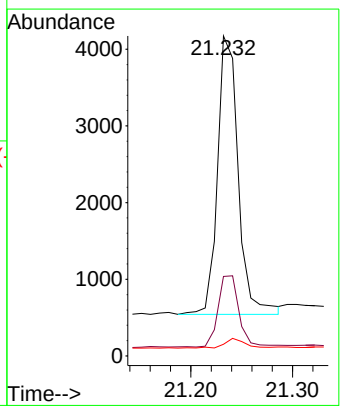


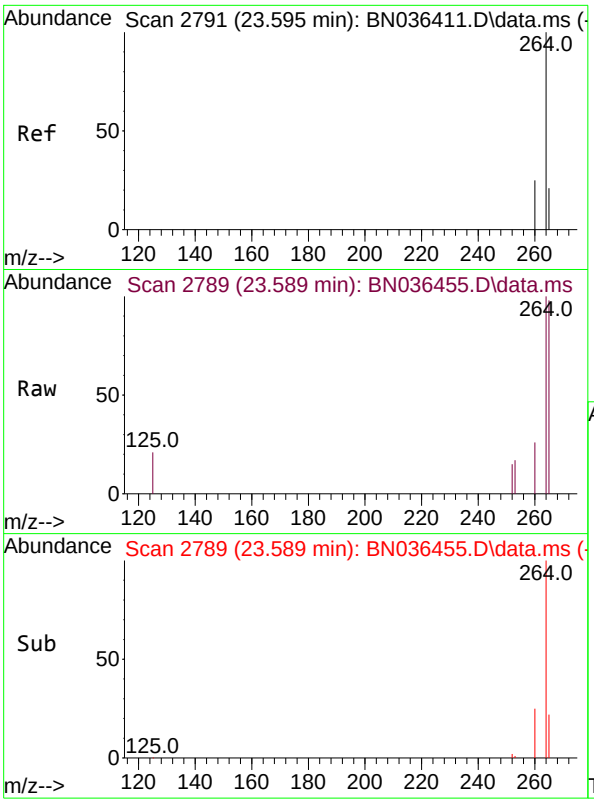


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.375 ng
RT: 21.232 min Scan# 2253
Delta R.T. -0.009 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:149 Resp: 5132

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.2	31.8
279	3.4	2.7	4.1



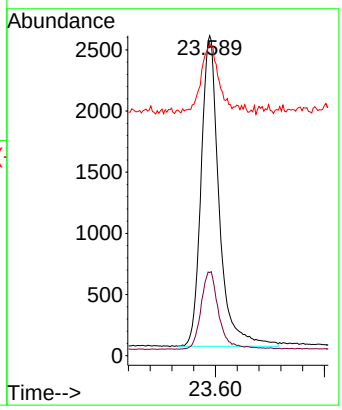


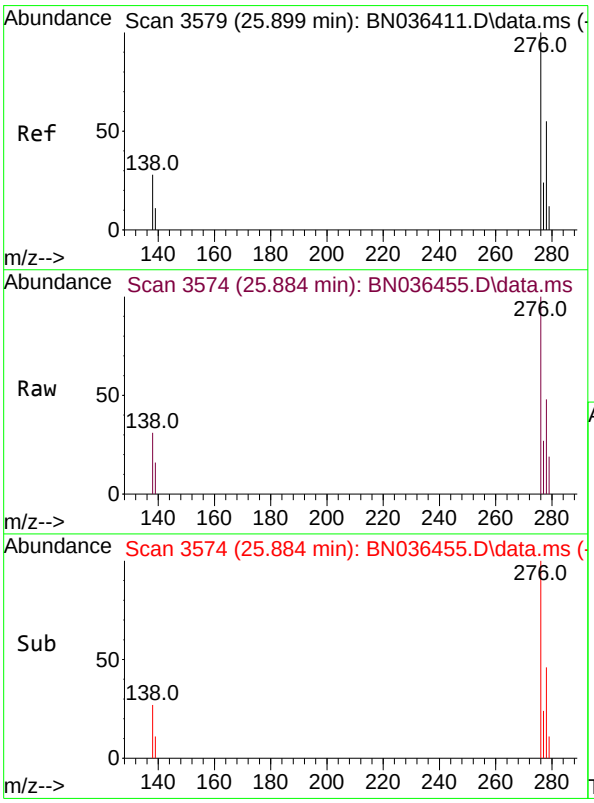
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:264 Resp: 5828

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.9	31.3
265	97.6	60.7	91.1#

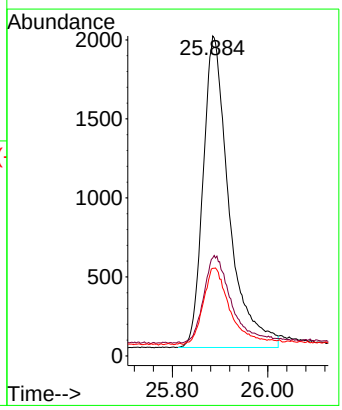


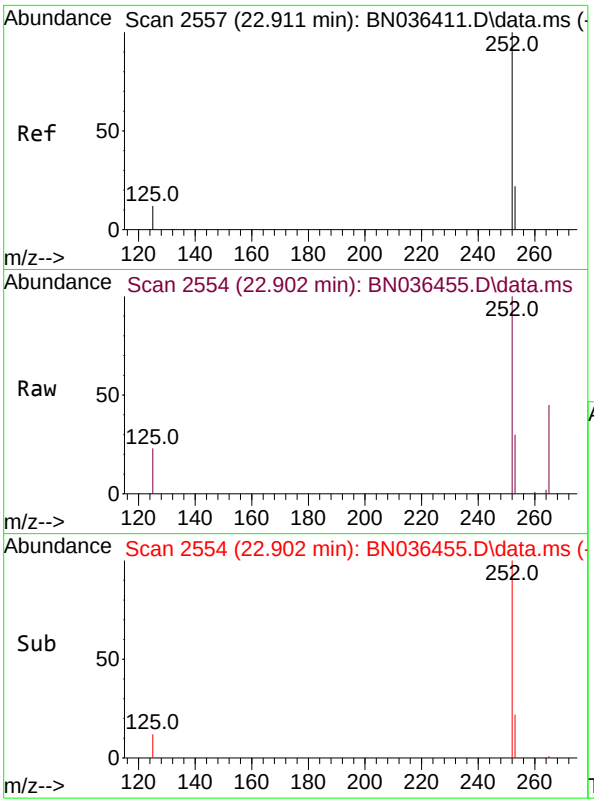


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 25.884 min Scan# 3574
Delta R.T. -0.015 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:276 Resp: 7446

Ion	Ratio	Lower	Upper
276	100		
138	29.4	22.2	33.2
277	25.1	19.8	29.6



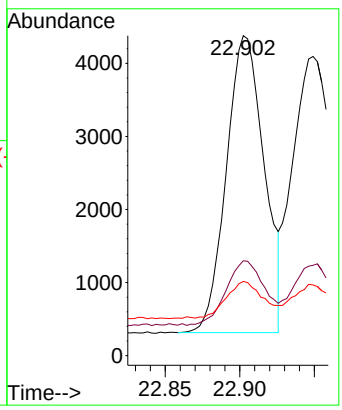


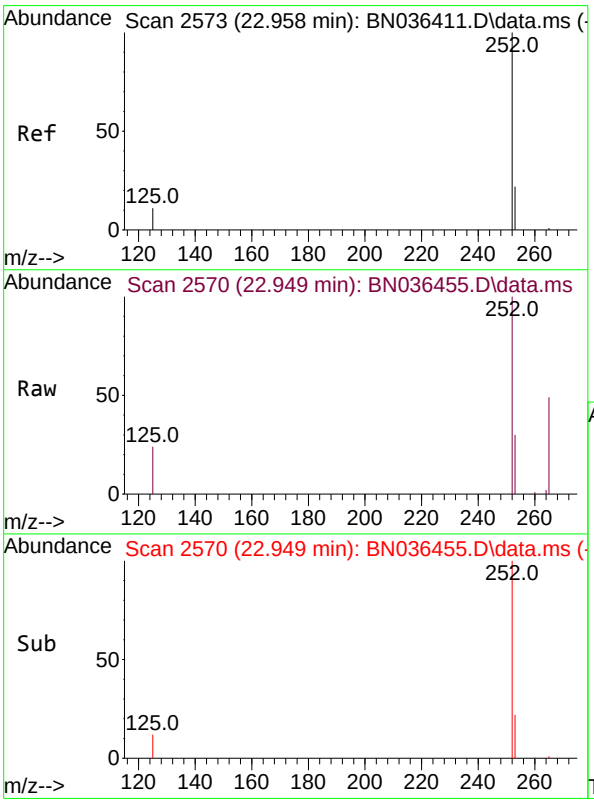
#37
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.902 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:252 Resp: 7169

Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.9	32.9
125	23.2	15.0	22.6#

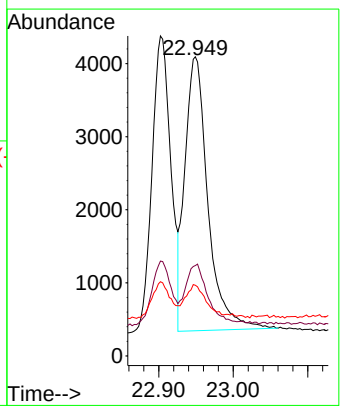


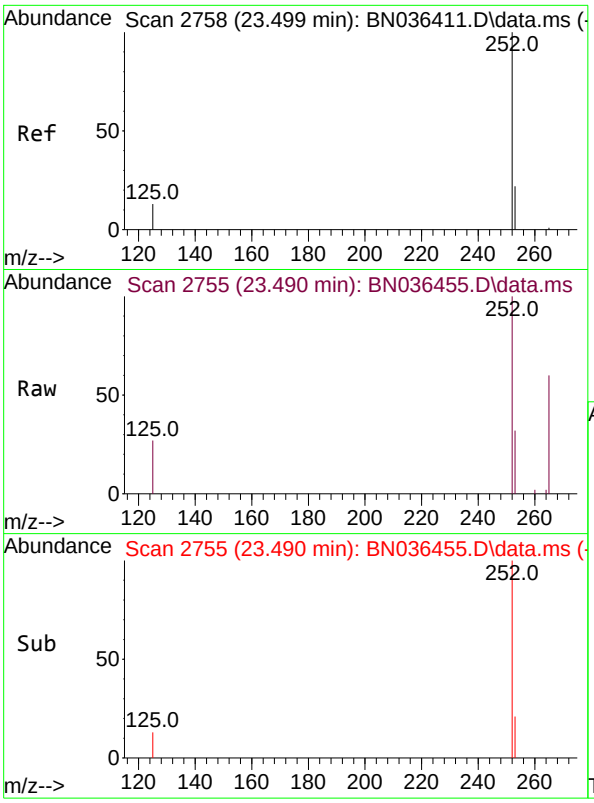


#38
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 22.949 min Scan# 2570
Delta R.T. -0.009 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:252 Resp: 8031

Ion	Ratio	Lower	Upper
252	100		
253	30.2	22.2	33.4
125	23.6	15.0	22.4#



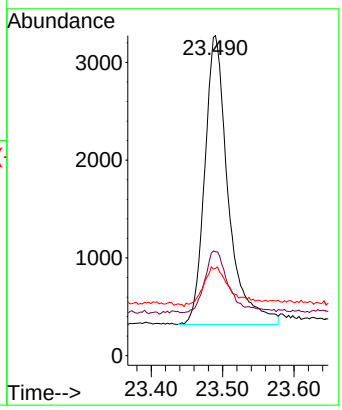


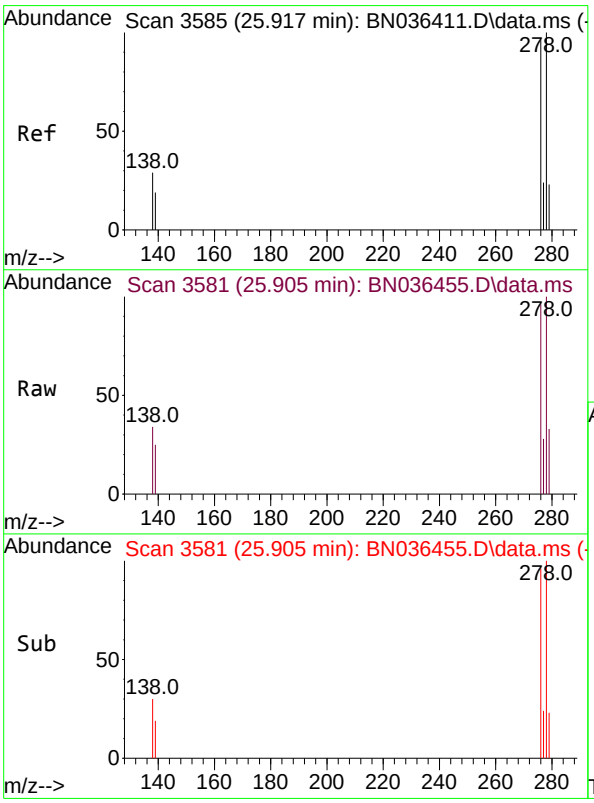
#39
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.490 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:252 Resp: 6762

Ion	Ratio	Lower	Upper
252	100		
253	32.4	24.4	36.6
125	27.3	18.2	27.2#

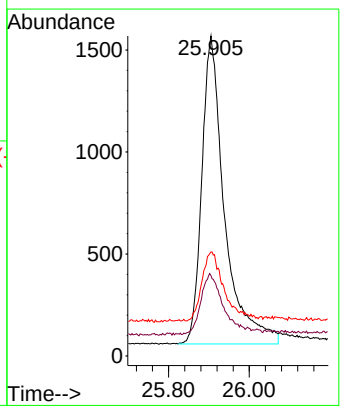


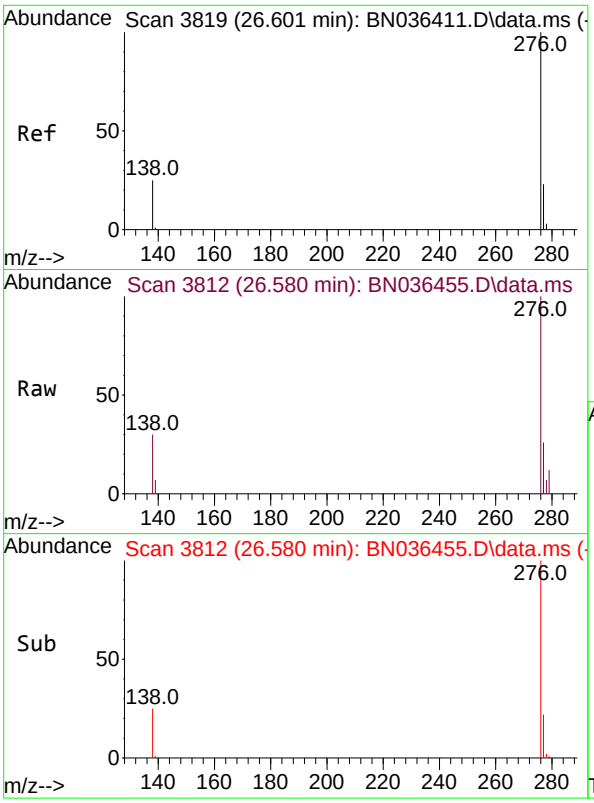


#40
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 25.905 min Scan# 3581
Delta R.T. -0.012 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Tgt Ion:278 Resp: 5905

Ion	Ratio	Lower	Upper
278	100		
139	25.1	18.5	27.7
279	32.5	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 26.580 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN036455.D
Acq: 13 Feb 2025 00:11

Instrument :
BNA_N
ClientSampleId :
PB166675BSD

Tgt Ion:276 Resp: 2762

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.7	31.1
138	29.8	21.8	32.6