Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027759.D
Acq On : 20 Sep 2023 11:24
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:28:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	1948	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	6649	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	4386	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	11629	0.400	ng		0.00
29) Chrysene-d12	21.578	240	12045	0.400	ng		0.00
35) Perylene-d12	24.075	264	11078	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	4161	0.844	ng		0.00
5) Phenol-d6	7.156	99	5248	0.852	ng		0.00
8) Nitrobenzene-d5	9.209	82	4280	0.813	ng		0.00
11) 2-Methylnaphthalene-d10	12.411	152	8141	0.838	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	1484	0.796	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	12441	0.840	ng		0.00
27) Fluoranthene-d10	19.421	212	24687	0.817	ng		0.00
31) Terphenyl-d14	20.006	244	18374	0.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	1959	0.821	ng		94
3) n-Nitrosodimethylamine	3.776	42	2388	0.868	ng	#	94
6) bis(2-Chloroethyl)ether	7.445	93	5060	0.839	ng		99
9) Naphthalene	10.885	128	14777	0.802	ng		98
10) Hexachlorobutadiene	11.109	225	2617	0.817	ng	#	100
12) 2-Methylnaphthalene	12.483	142	10674	0.834	ng		98
16) Acenaphthylene	14.373	152	15007	0.800	ng		99
17) Acenaphthene	14.705	154	10752	0.809	ng		98
18) Fluorene	15.693	166	15852	0.822	ng		99
20) 4,6-Dinitro-2-methylph...	15.792	198	804	0.718	ng	#	55
21) 4-Bromophenyl-phenylether	16.574	248	4887	0.823	ng	#	79
22) Hexachlorobenzene	16.661	284	5543	0.820	ng		100
23) Atrazine	16.847	200	3445	0.786	ng		95
24) Pentachlorophenol	17.033	266	2015	0.896	ng		99
25) Phenanthrene	17.430	178	27942	0.821	ng		100
26) Anthracene	17.530	178	23586	0.810	ng		99
28) Fluoranthene	19.449	202	34082	0.815	ng		99
30) Pyrene	19.816	202	34649	0.801	ng		100
32) Benzo(a)anthracene	21.560	228	32955	0.788	ng		100
33) Chrysene	21.614	228	37847	0.822	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	13436	0.726	ng		99
36) Indeno(1,2,3-cd)pyrene	26.706	276	38498	0.817	ng		99
37) Benzo(b)fluoranthene	23.297	252	36590	0.835	ng		95
38) Benzo(k)fluoranthene	23.347	252	36723	0.827	ng		94
39) Benzo(a)pyrene	23.961	252	32009	0.804	ng	#	93
40) Dibenzo(a,h)anthracene	26.726	278	31476	0.818	ng		96
41) Benzo(g,h,i)perylene	27.519	276	34887	0.820	ng		98

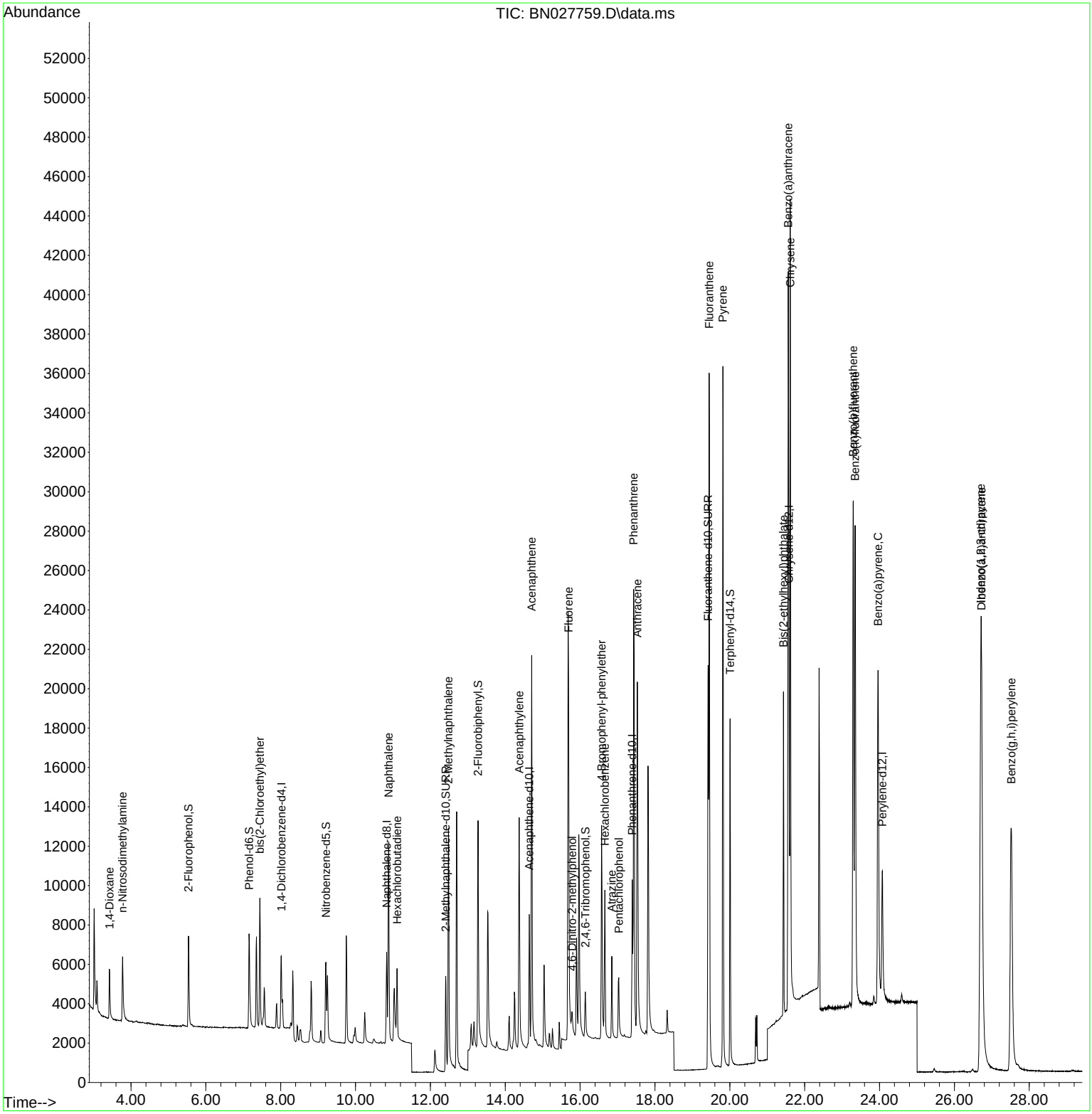
(#) = qualifier out of range (m) = manual integration (+) = signals summed

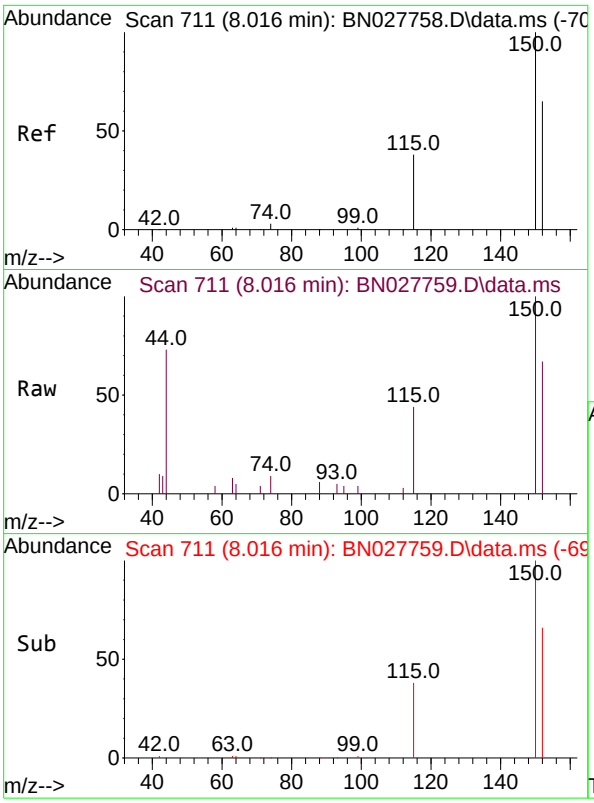
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027759.D
Acq On : 20 Sep 2023 11:24
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:28:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration



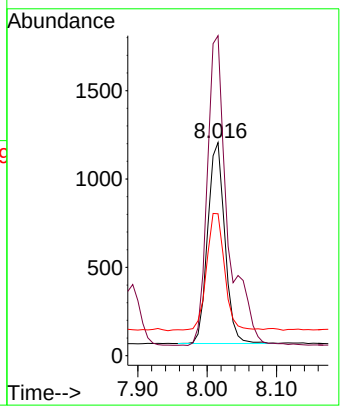


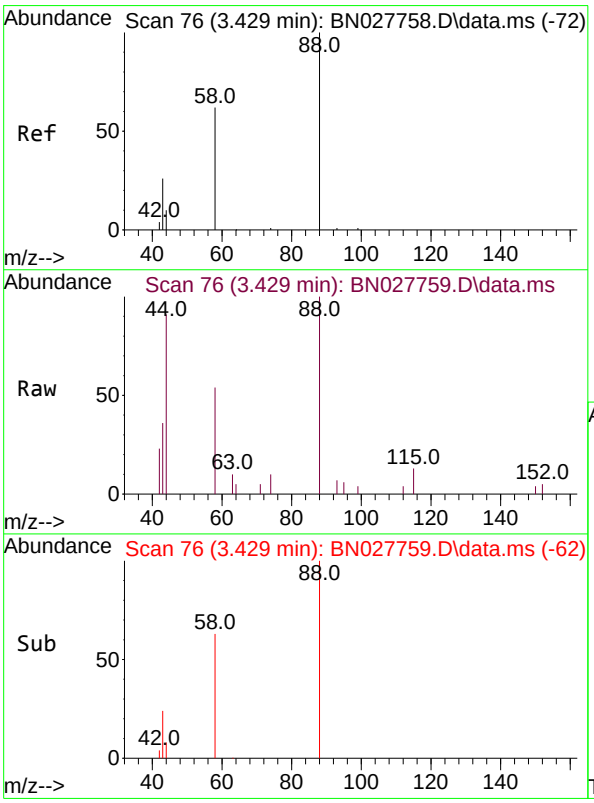
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.016 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1948

Ion	Ratio	Lower	Upper
152	100		
150	150.2	120.2	180.2
115	66.6	54.5	81.7

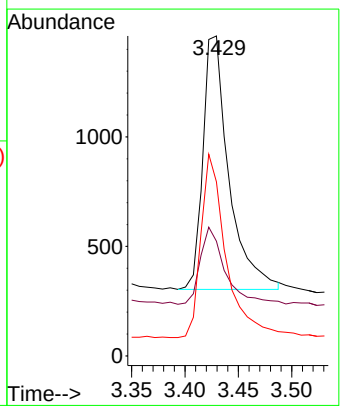


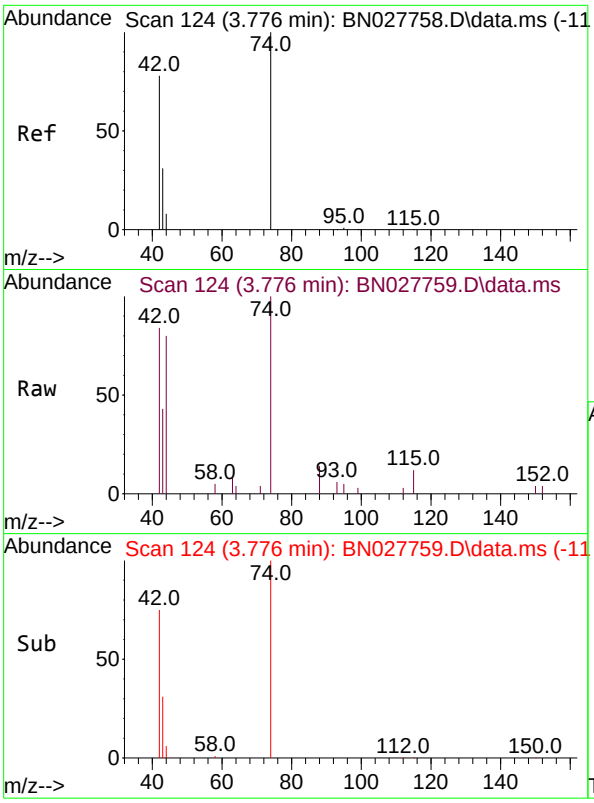


#2
1,4-Dioxane
Concen: 0.821 ng
RT: 3.429 min Scan# 76
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion: 88 Resp: 1959

Ion	Ratio	Lower	Upper
88	100		
43	29.4	27.0	40.6
58	70.0	59.0	88.6



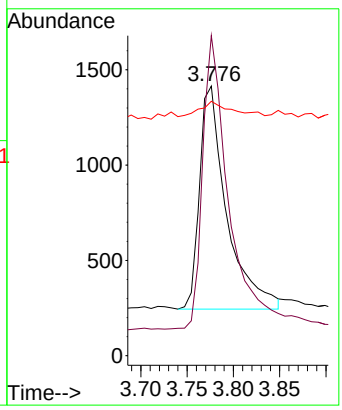


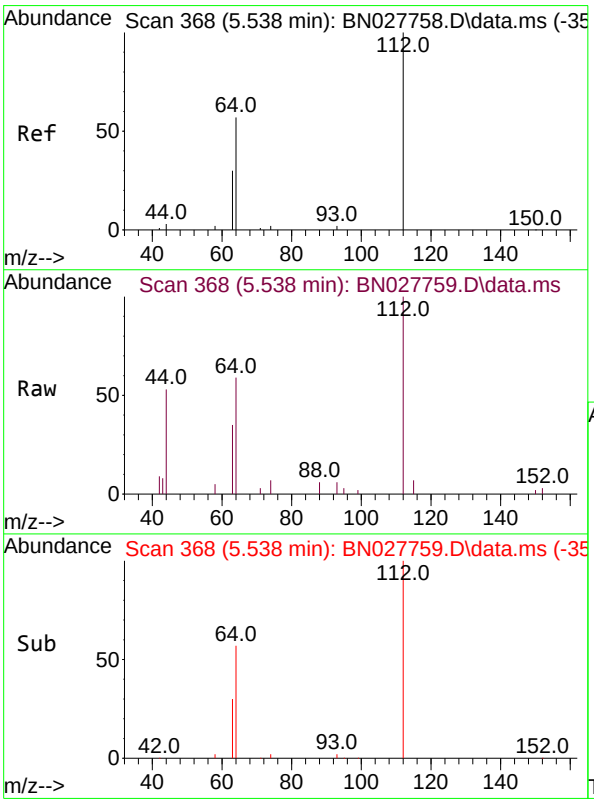
#3
n-Nitrosodimethylamine
Concen: 0.868 ng
RT: 3.776 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2388

Ion	Ratio	Lower	Upper
42	100		
74	126.4	105.6	158.4
44	8.9	12.3	18.5#

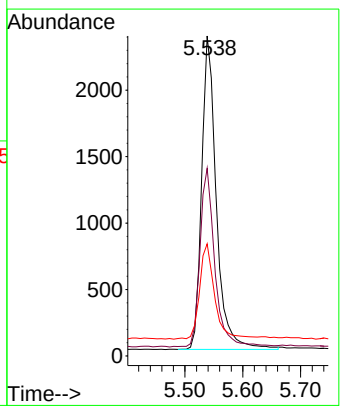


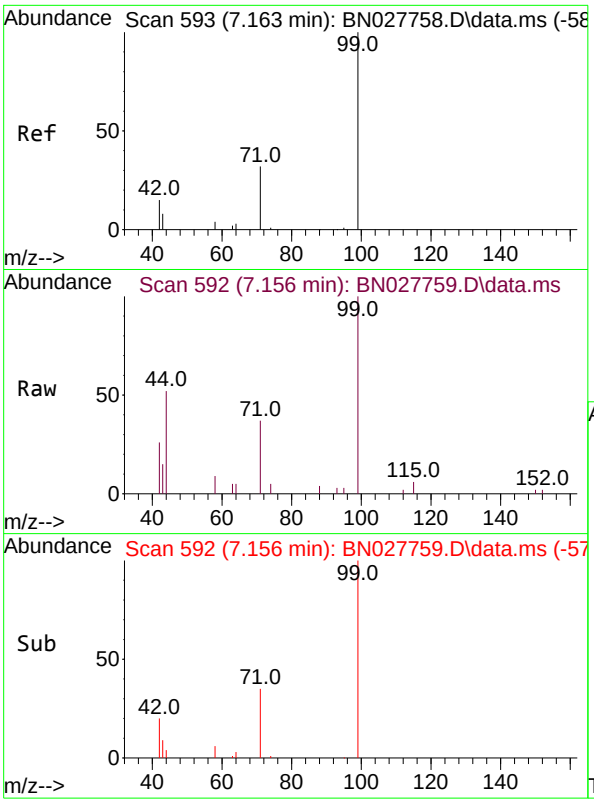


#4
2-Fluorophenol
Concen: 0.844 ng
RT: 5.538 min Scan# 368
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:112 Resp: 4161

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.1	69.1
63	31.0	24.0	36.0



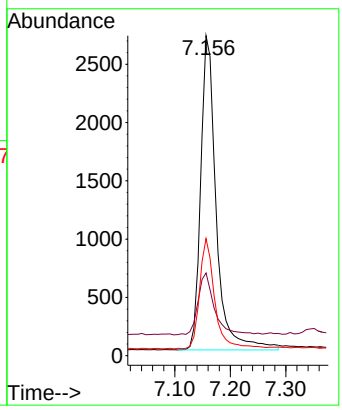


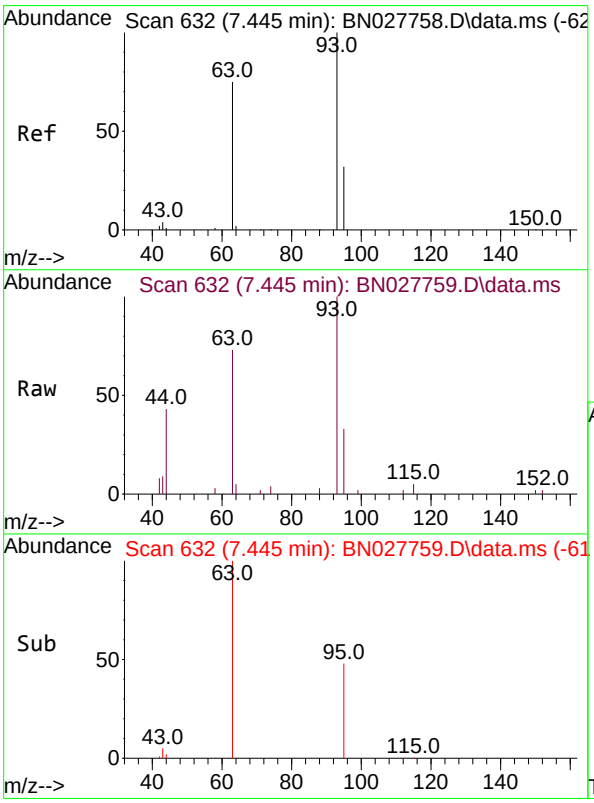
#5
Phenol-d6
Concen: 0.852 ng
RT: 7.156 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5248

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	34.0	28.1	42.1

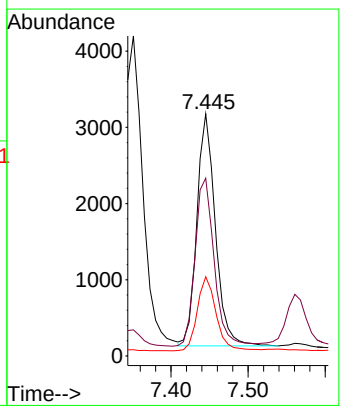


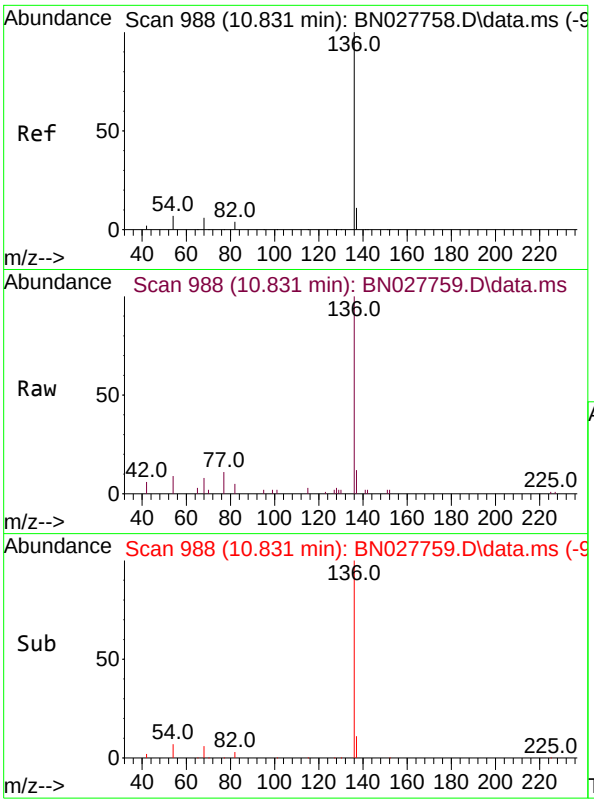


#6
bis(2-Chloroethyl)ether
Concen: 0.839 ng
RT: 7.445 min Scan# 632
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion: 93 Resp: 5060

Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.5	89.3
95	32.6	26.0	39.0



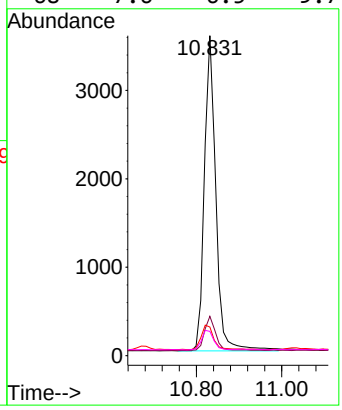


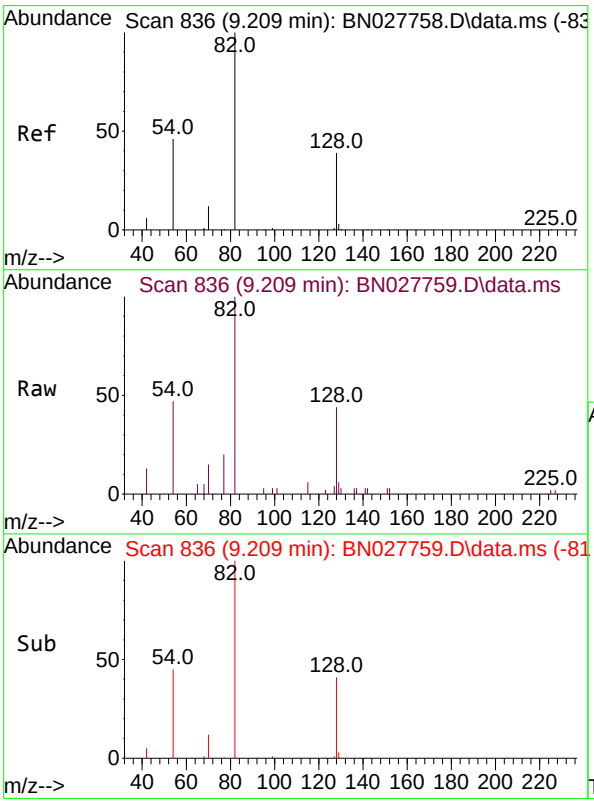
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6649

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.1	15.1
54	9.0	7.4	11.0
68	7.6	6.5	9.7

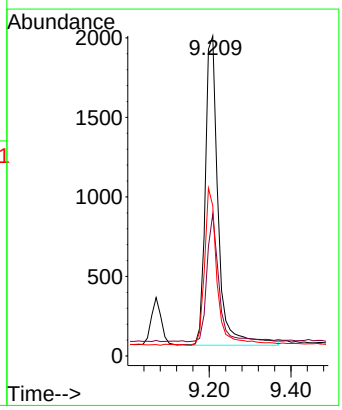


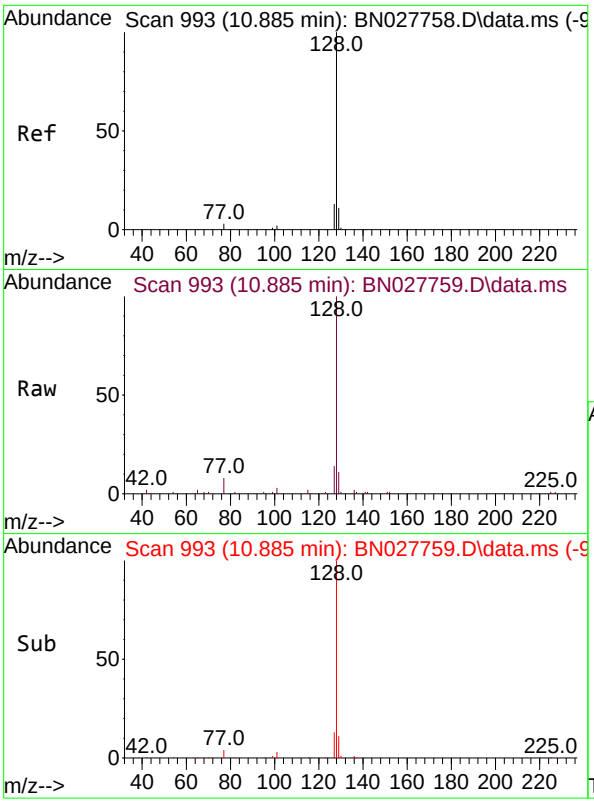


#8
Nitrobenzene-d5
Concen: 0.813 ng
RT: 9.209 min Scan# 836
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion: 82 Resp: 4280

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.8	55.2
54	47.0	39.9	59.9



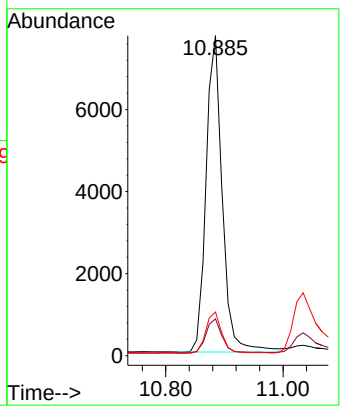


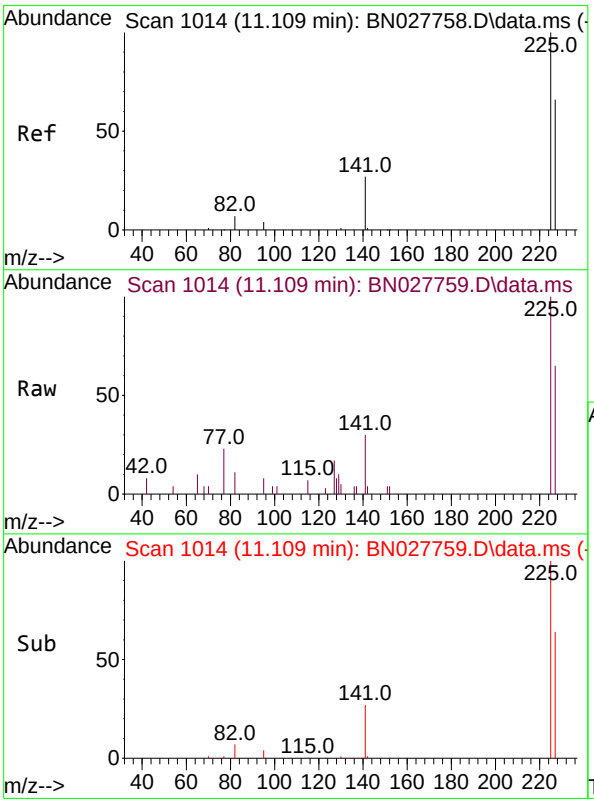
#9
Naphthalene
Concen: 0.802 ng
RT: 10.885 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14777

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.6	11.1	16.7

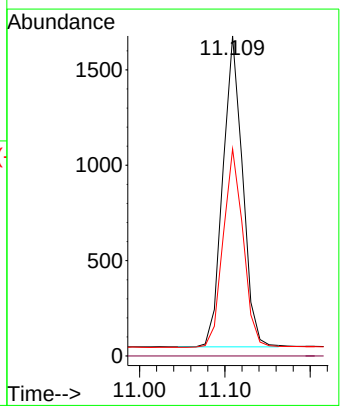


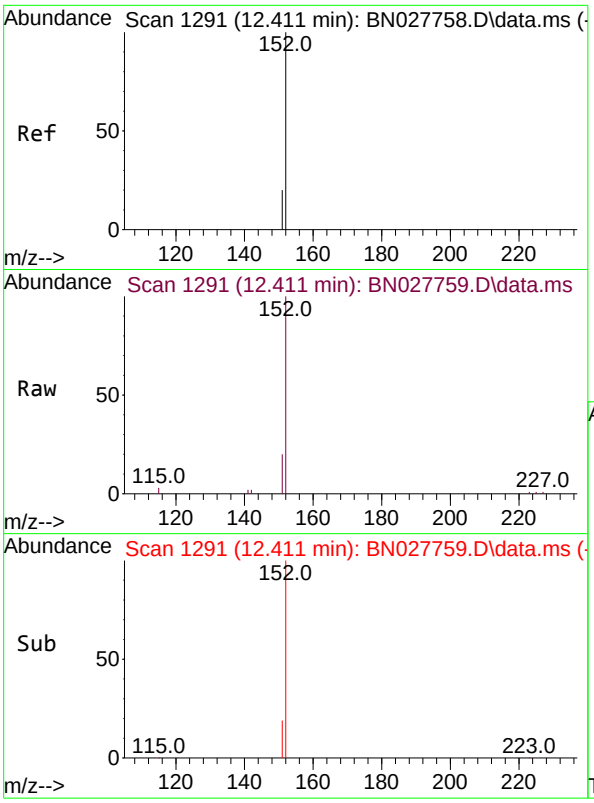


#10
Hexachlorobutadiene
Concen: 0.817 ng
RT: 11.109 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:225 Resp: 2617

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.4	77.0



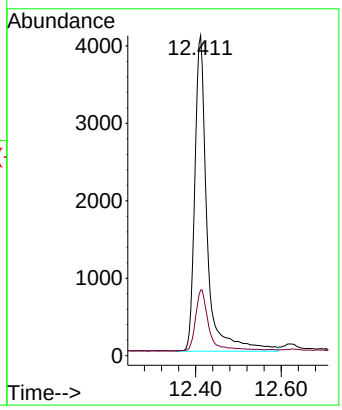


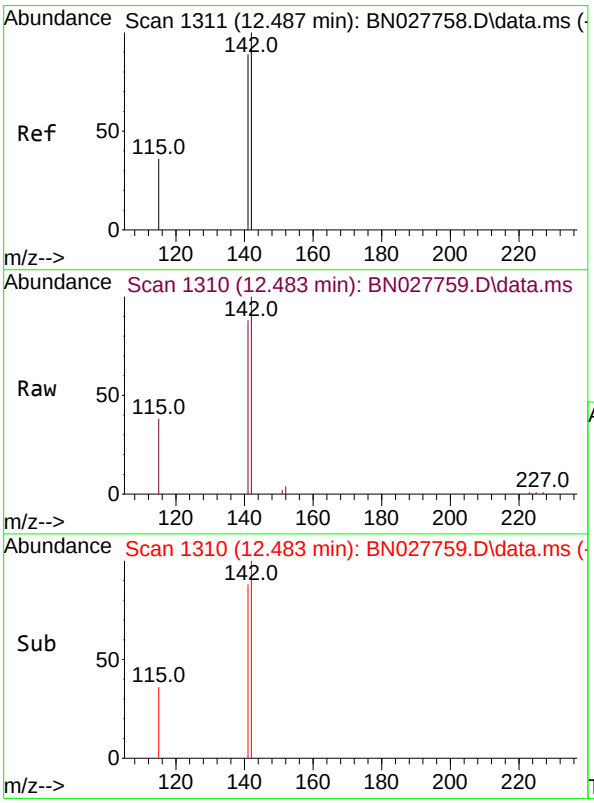
#11
2-Methylnaphthalene-d10
Concen: 0.838 ng
RT: 12.411 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8141

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.6	23.4

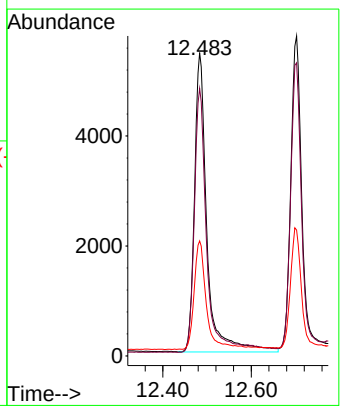


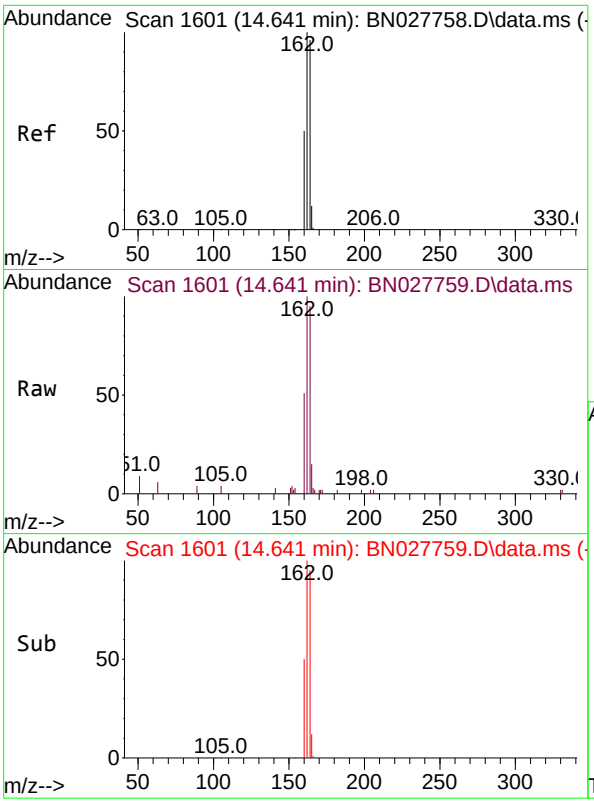


#12
2-Methylnaphthalene
Concen: 0.834 ng
RT: 12.483 min Scan# 1310
Delta R.T. -0.004 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:142 Resp: 10674

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.5	107.3
115	37.9	31.8	47.6



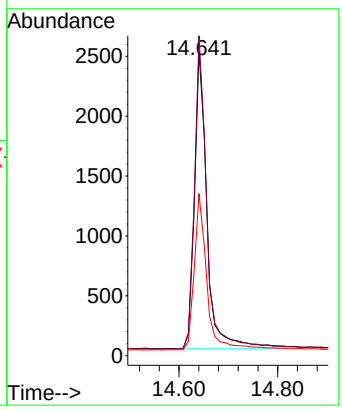


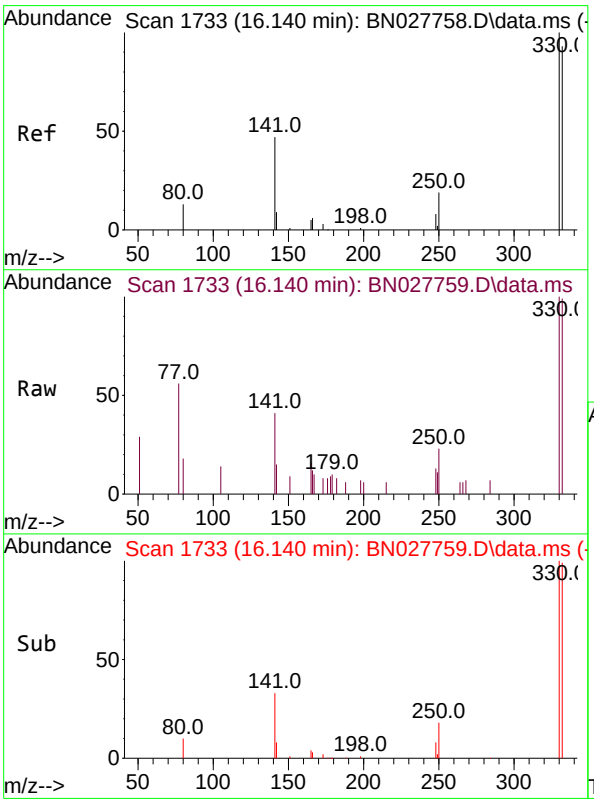
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4386

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.6	125.4
160	53.2	42.6	64.0

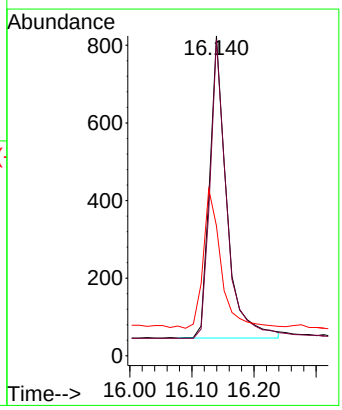


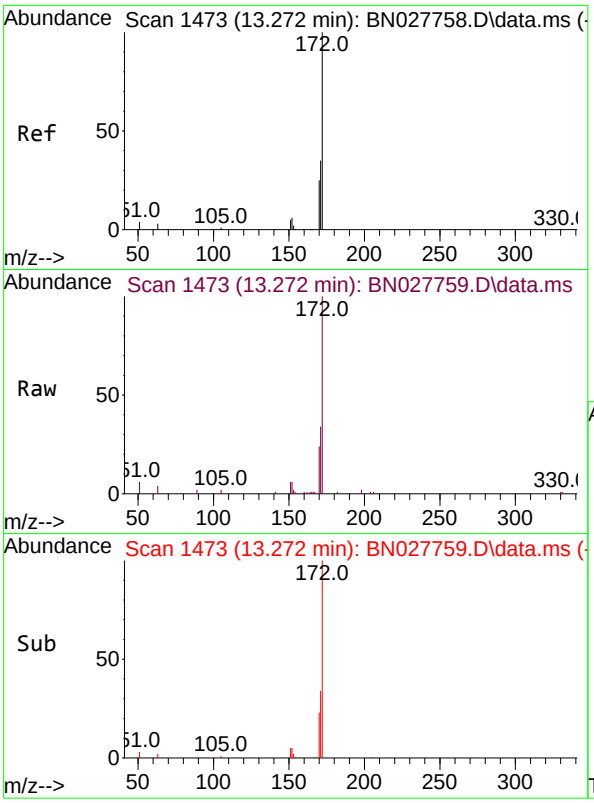


#14
2,4,6-Tribromophenol
Concen: 0.796 ng
RT: 16.140 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:330 Resp: 1484

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.4
141	48.2	38.1	57.1



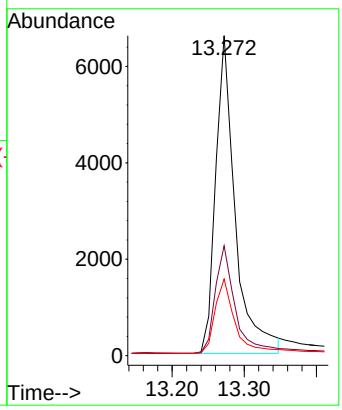


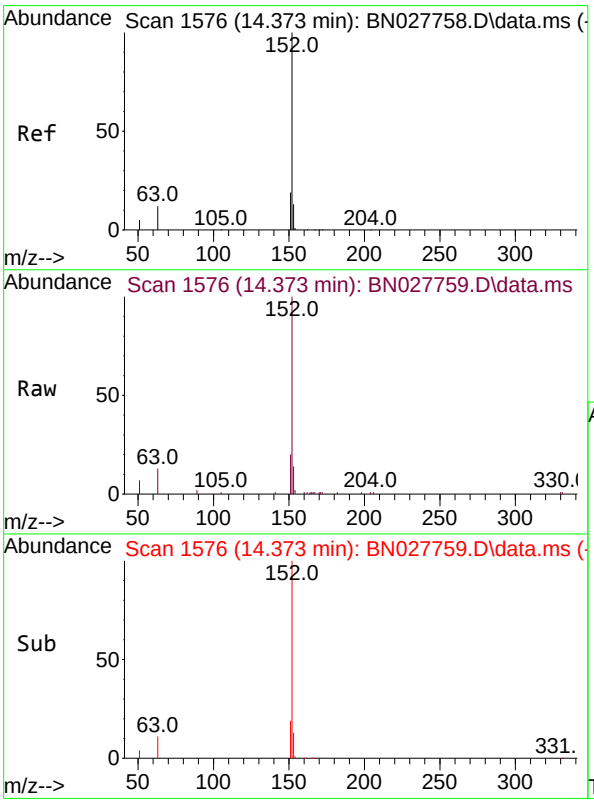
#15
2-Fluorobiphenyl
Concen: 0.840 ng
RT: 13.272 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12441

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.3	43.9
170	24.0	20.8	31.2

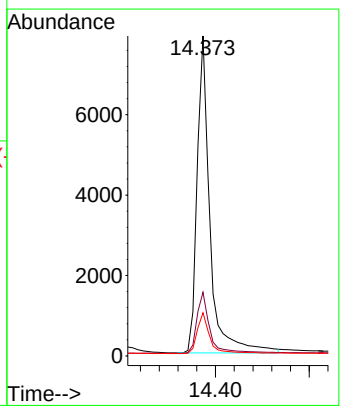


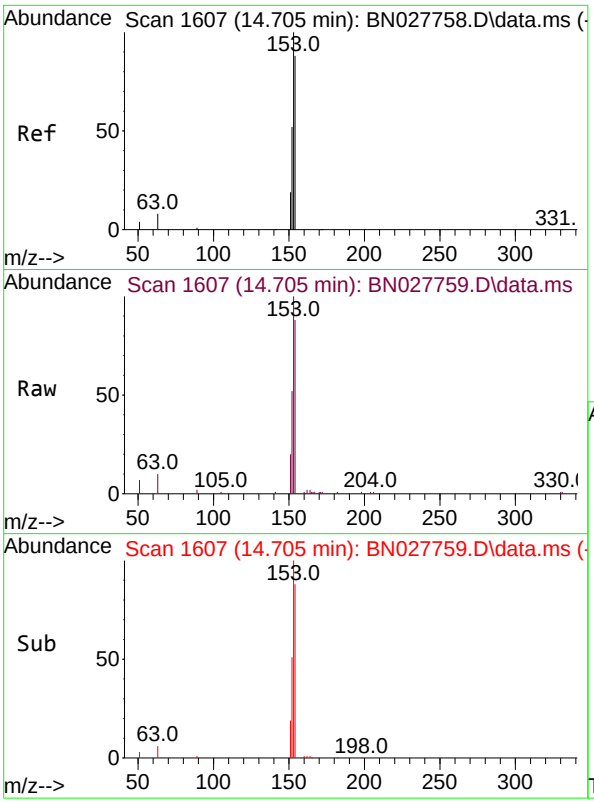


#16
Acenaphthylene
Concen: 0.800 ng
RT: 14.373 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:152 Resp: 15007

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	12.7	10.6	15.8



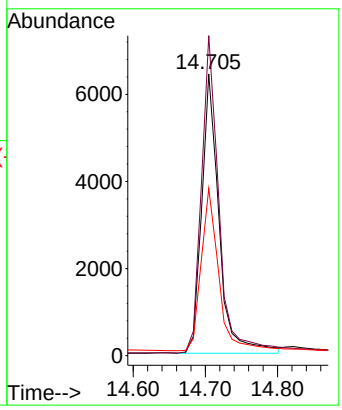


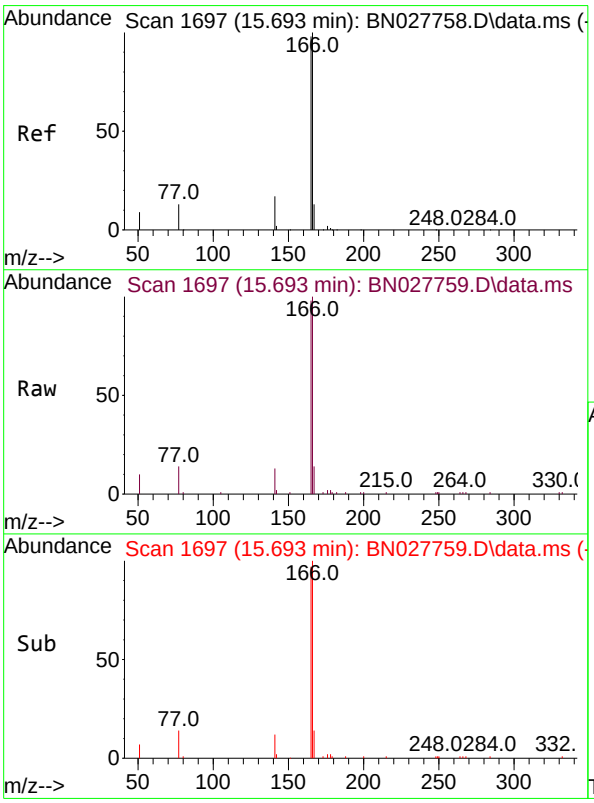
#17
Acenaphthene
Concen: 0.809 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10752

Ion	Ratio	Lower	Upper
154	100		
153	117.2	91.0	136.6
152	59.7	47.4	71.2

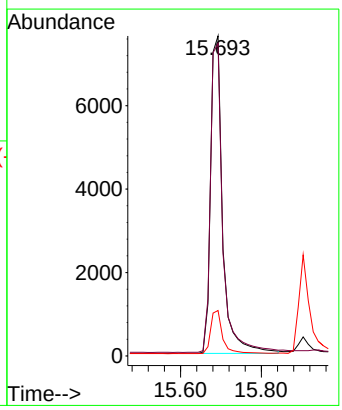


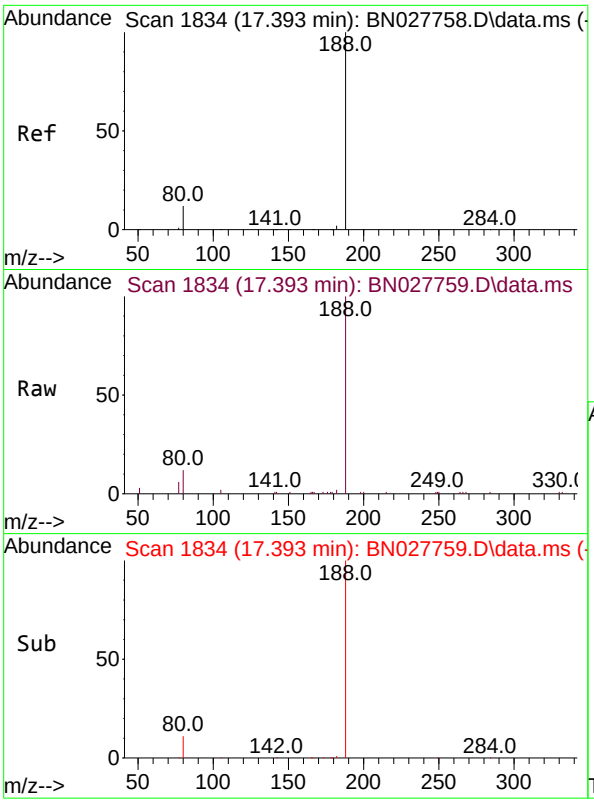


#18
Fluorene
Concen: 0.822 ng
RT: 15.693 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:166 Resp: 15852

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.3	118.9
167	13.5	10.6	16.0



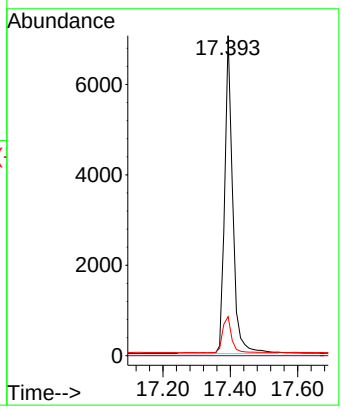


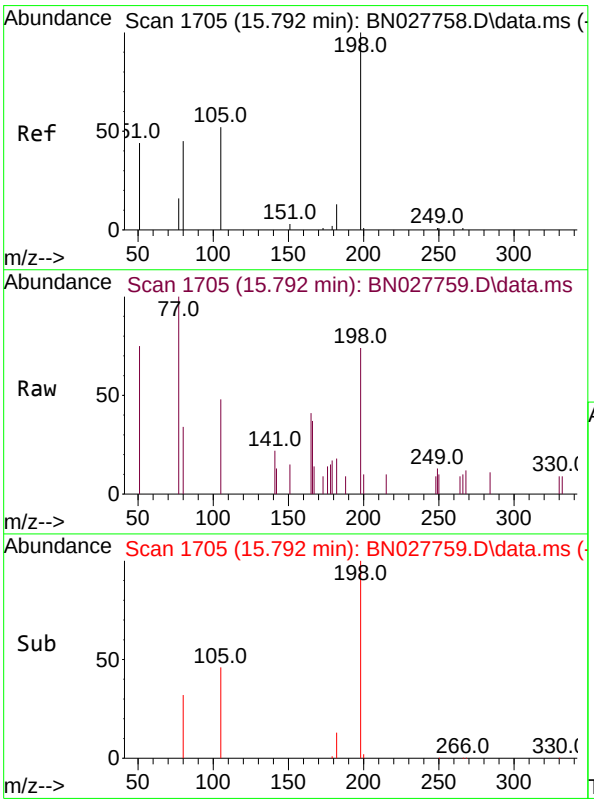
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 11629

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	10.6	16.0

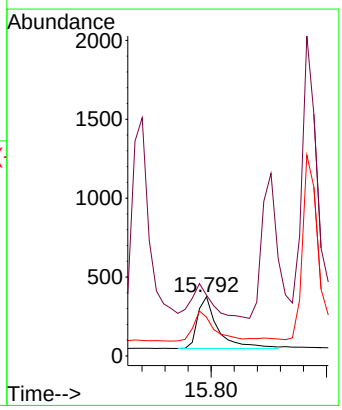


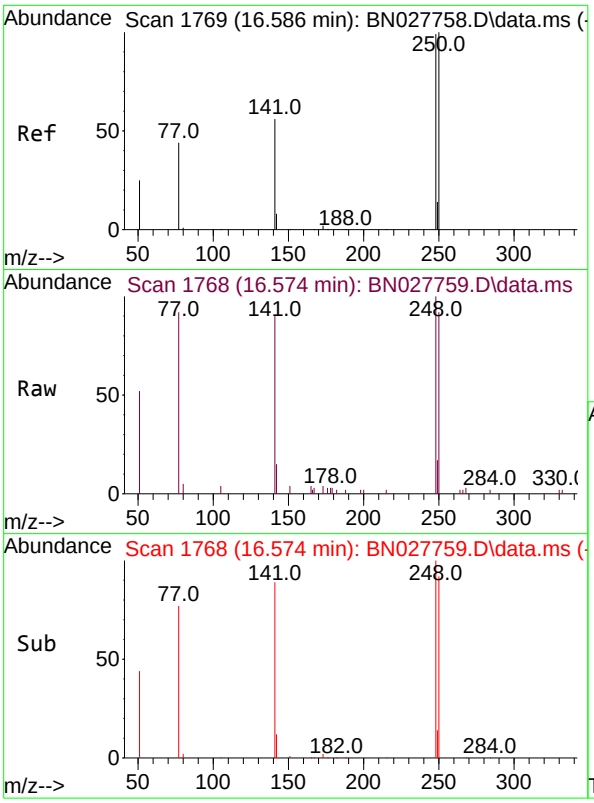


#20
4,6-Dinitro-2-methylphenol
Concen: 0.718 ng
RT: 15.792 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:198 Resp: 804

Ion	Ratio	Lower	Upper
198	100		
51	102.7	143.3	214.9#
105	65.3	73.4	110.2#



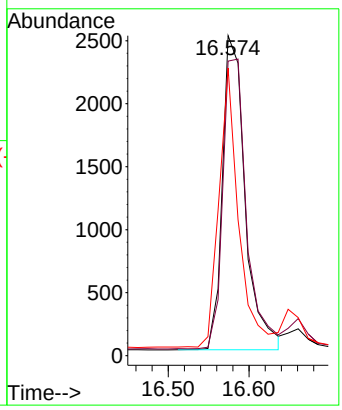


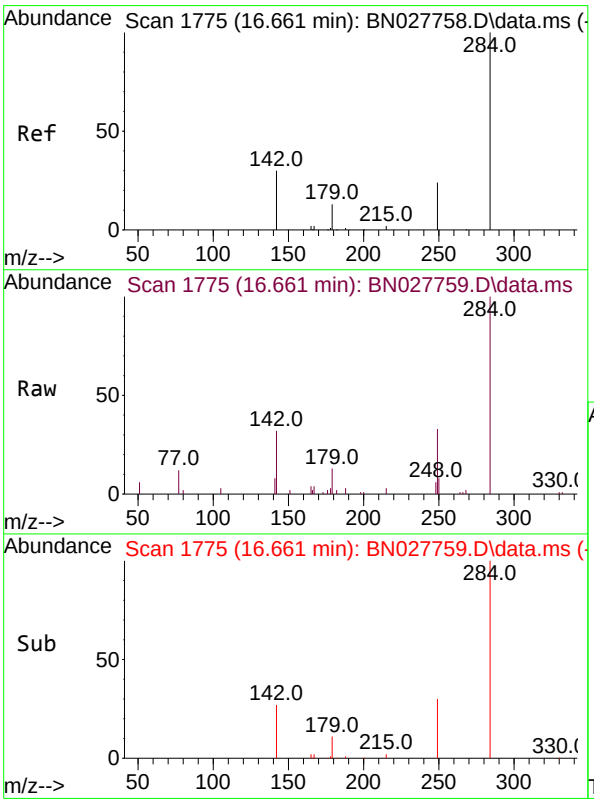
#21
4-Bromophenyl-phenylether
Concen: 0.823 ng
RT: 16.574 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 4887

Ion	Ratio	Lower	Upper
248	100		
250	92.0	81.4	122.2
141	89.9	48.2	72.4#

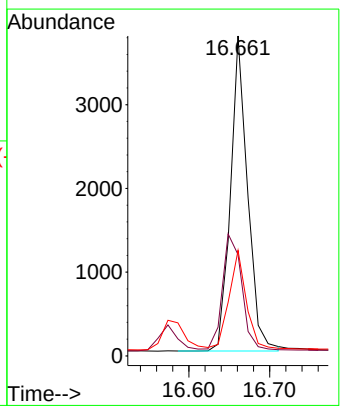


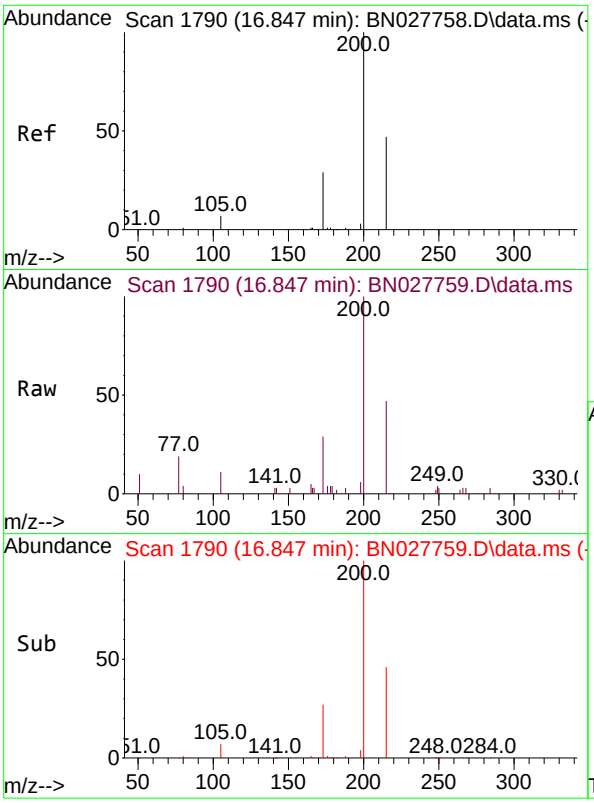


#22
Hexachlorobenzene
Concen: 0.820 ng
RT: 16.661 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:284 Resp: 5543

Ion	Ratio	Lower	Upper
284	100		
142	41.0	32.9	49.3
249	30.5	24.1	36.1



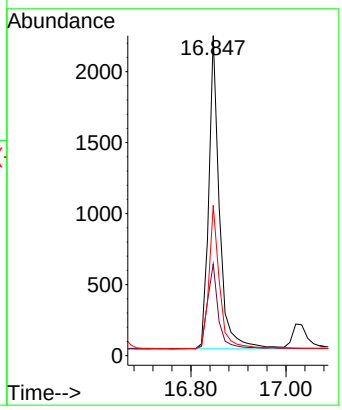


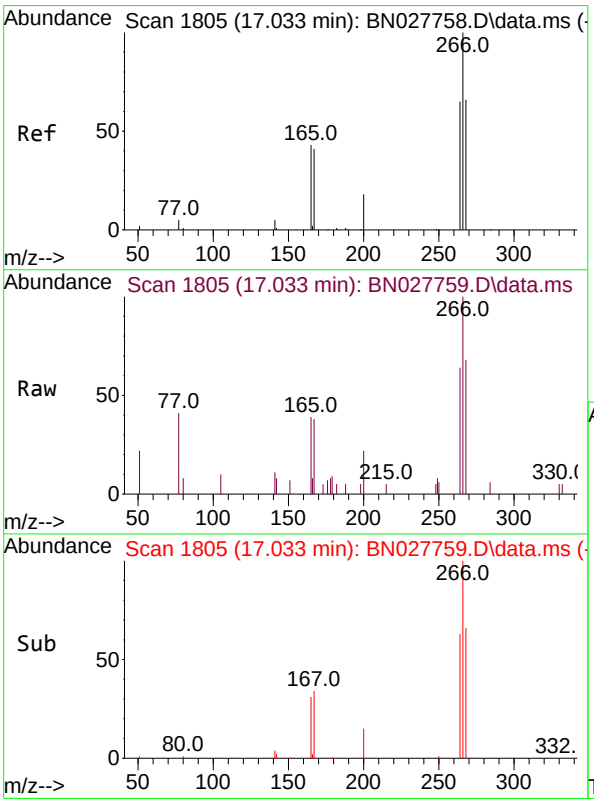
#23
Atrazine
Concen: 0.786 ng
RT: 16.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 3445

Ion	Ratio	Lower	Upper
200	100		
173	28.6	26.1	39.1
215	47.0	40.0	60.0

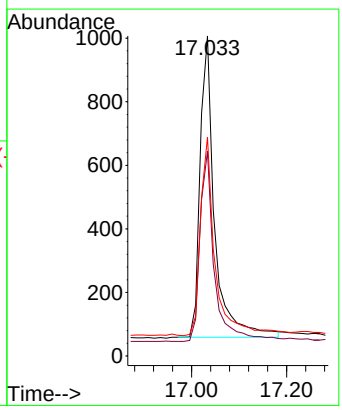


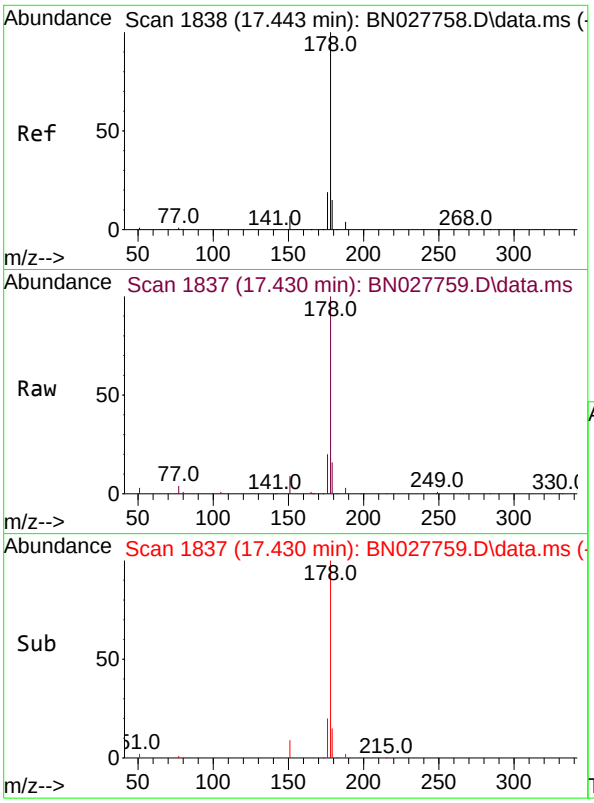


#24
Pentachlorophenol
Concen: 0.896 ng
RT: 17.033 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:266 Resp: 2015

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.8	76.2
268	66.9	53.0	79.6



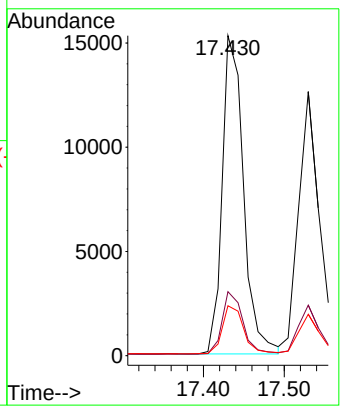


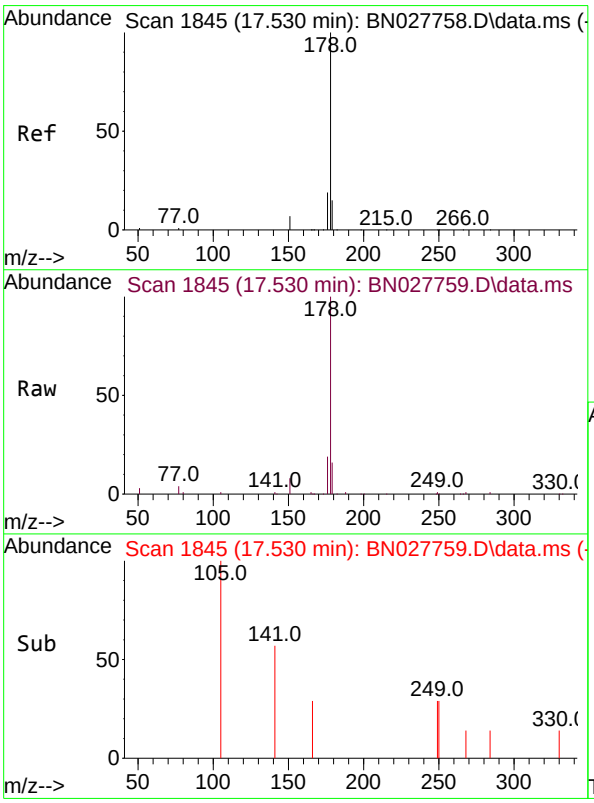
#25
Phenanthrene
Concen: 0.821 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 27942

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.3	18.5

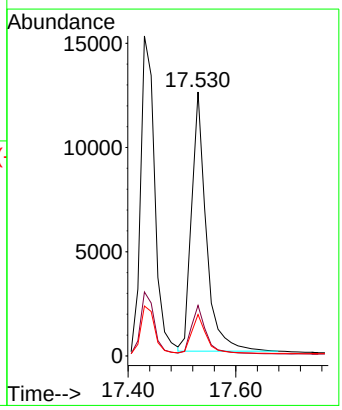


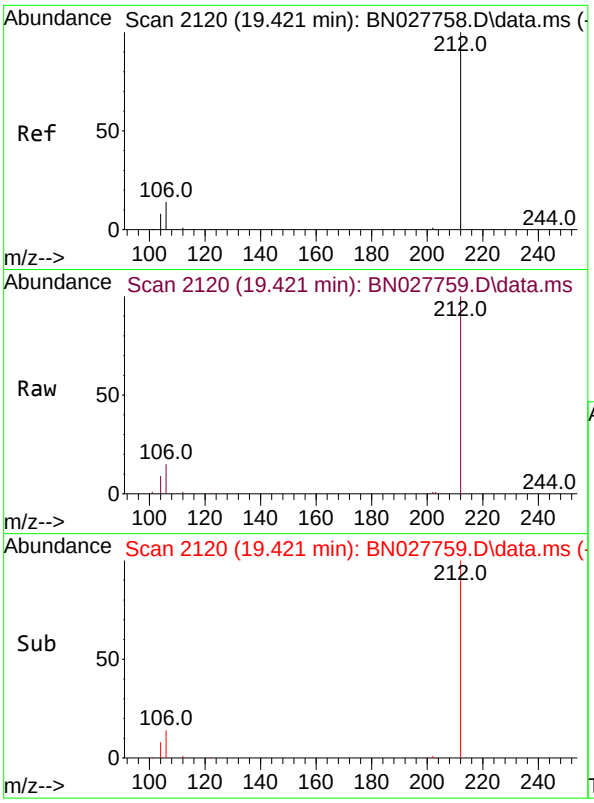


#26
Anthracene
Concen: 0.810 ng
RT: 17.530 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:178 Resp: 23586

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	14.9	12.2	18.2



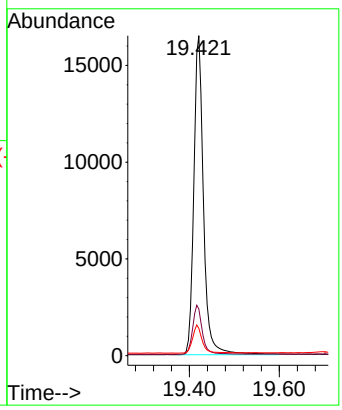


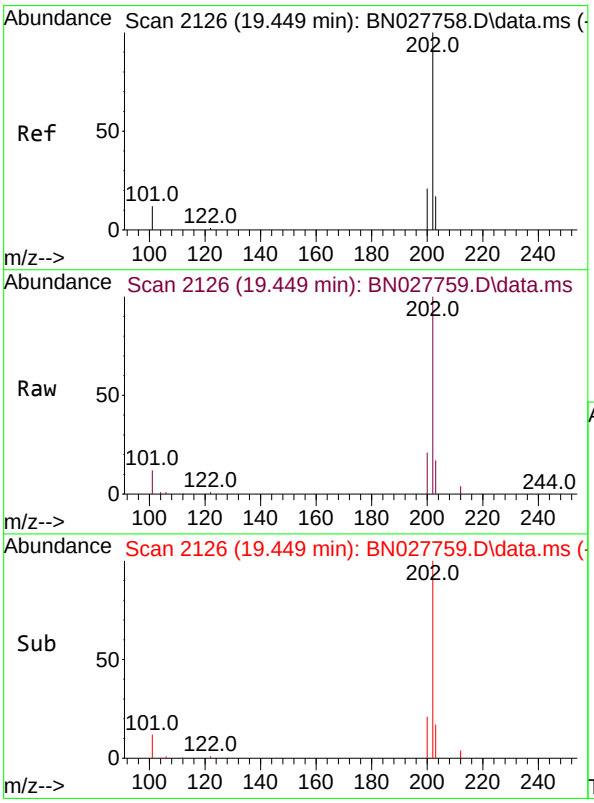
#27
Fluoranthene-d10
Concen: 0.817 ng
RT: 19.421 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 24687

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.2	18.2
104	8.7	7.0	10.4

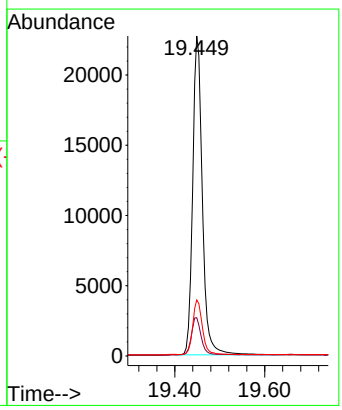


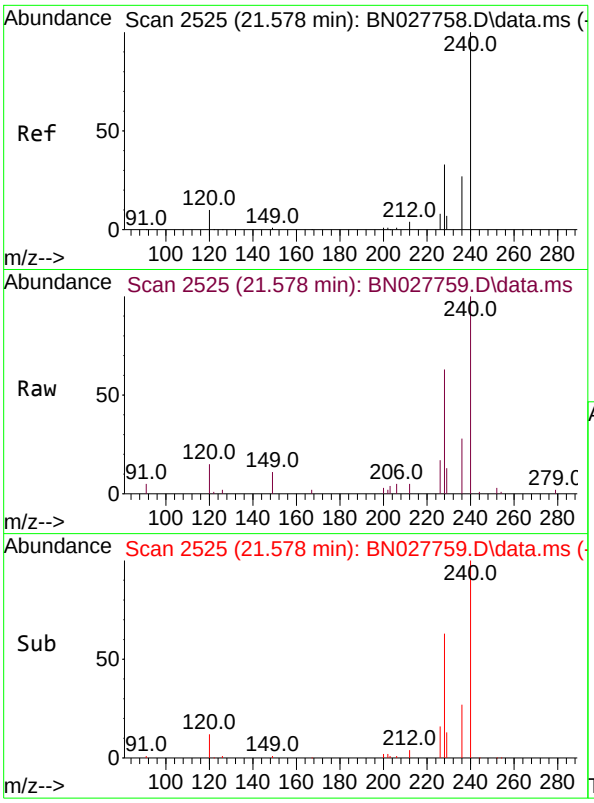


#28
Fluoranthene
Concen: 0.815 ng
RT: 19.449 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:202 Resp: 34082

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.0	13.8	20.6



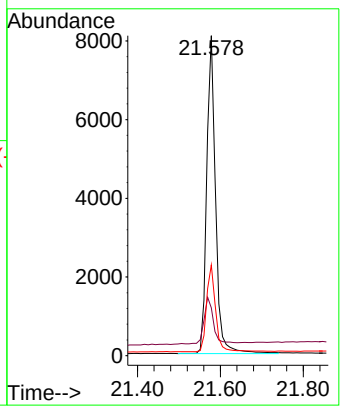


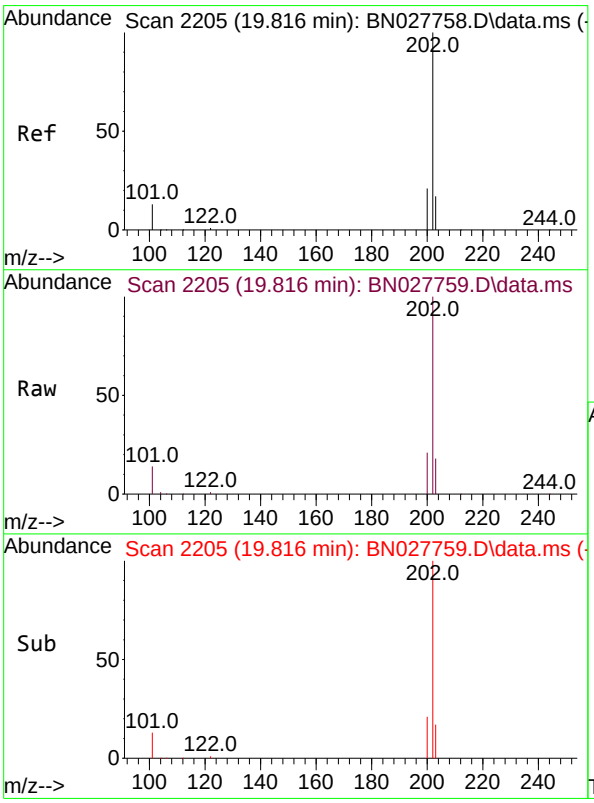
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 12045

Ion	Ratio	Lower	Upper
240	100		
120	15.0	11.2	16.8
236	28.4	22.8	34.2

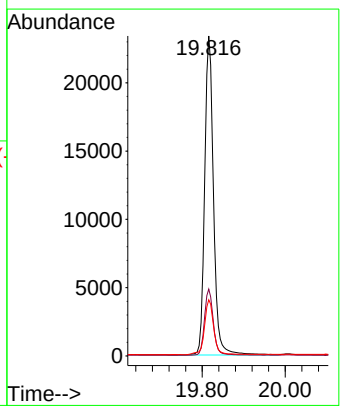


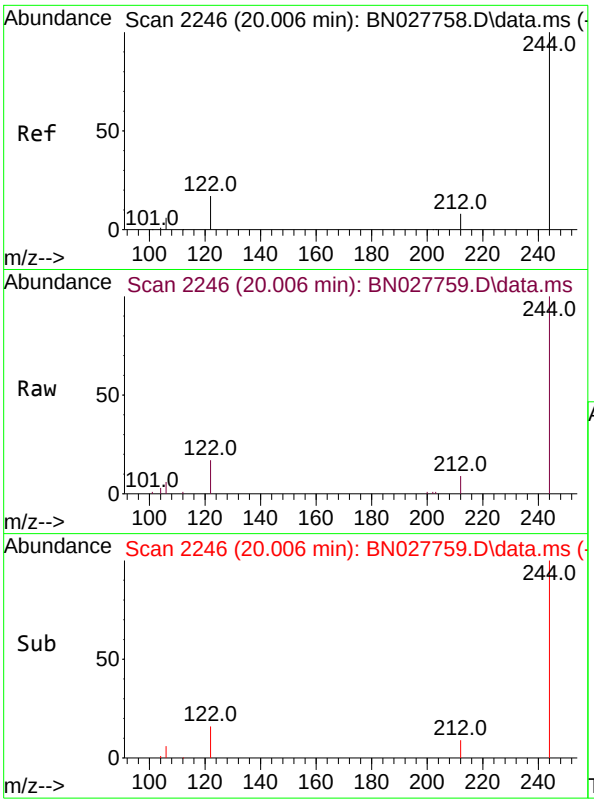


#30
Pyrene
Concen: 0.801 ng
RT: 19.816 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:202 Resp: 34649

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.9	14.2	21.4



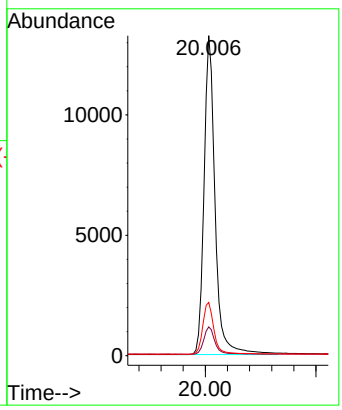


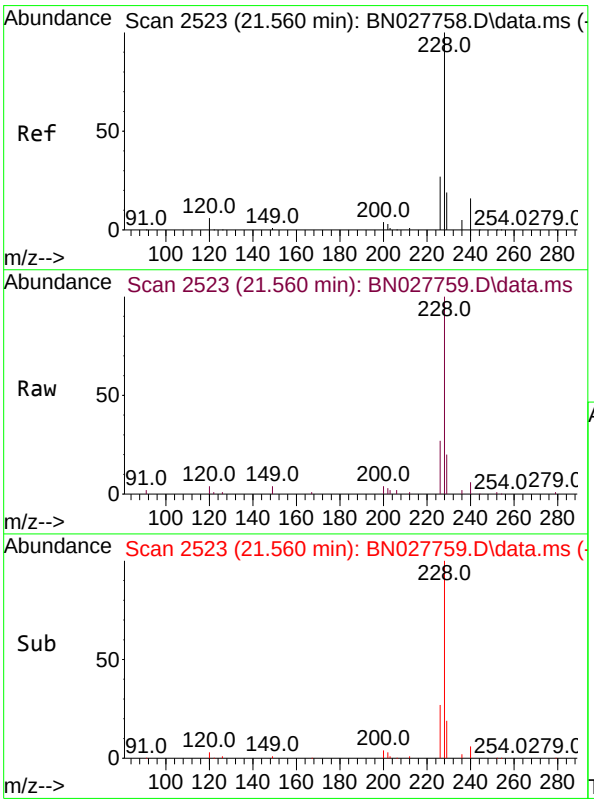
#31
Terphenyl-d14
Concen: 0.791 ng
RT: 20.006 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 18374

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.5	11.3
122	16.7	13.9	20.9

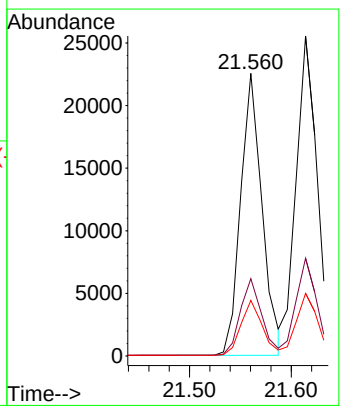


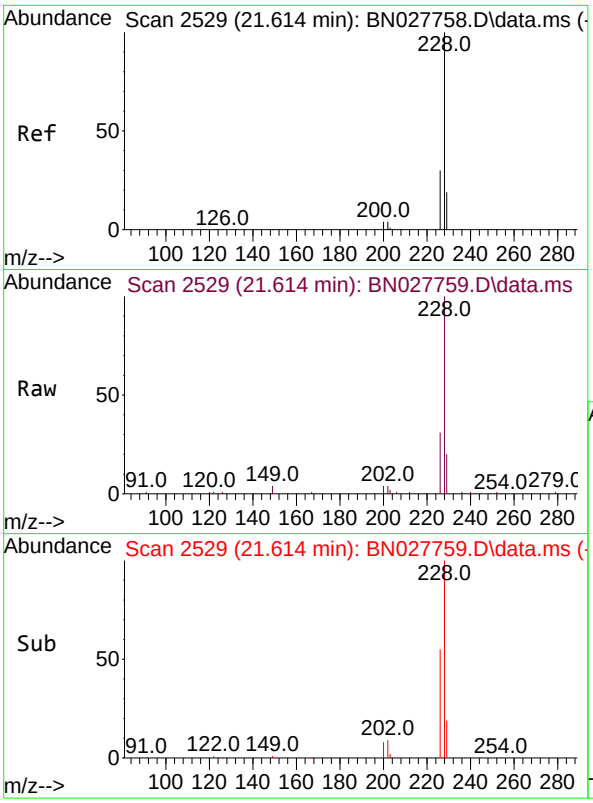


#32
Benzo(a)anthracene
Concen: 0.788 ng
RT: 21.560 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:228 Resp: 32955

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.7	15.8	23.6



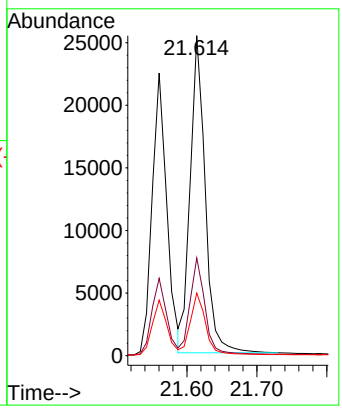


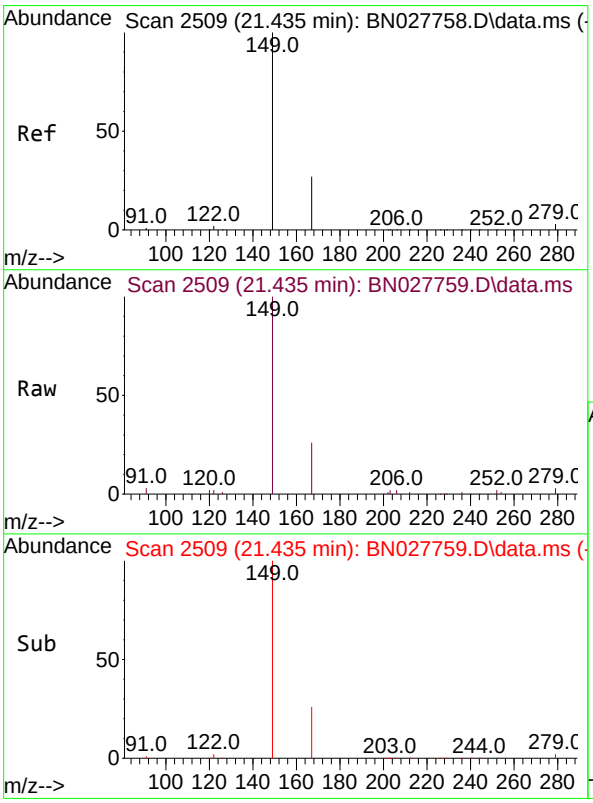
#33
Chrysene
Concen: 0.822 ng
RT: 21.614 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 37847

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.5	15.7	23.5

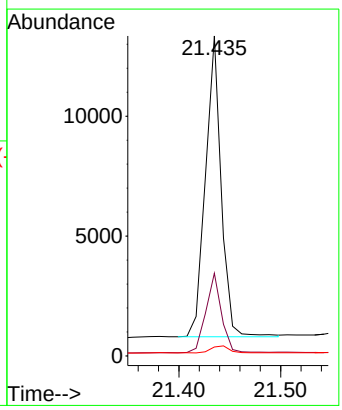


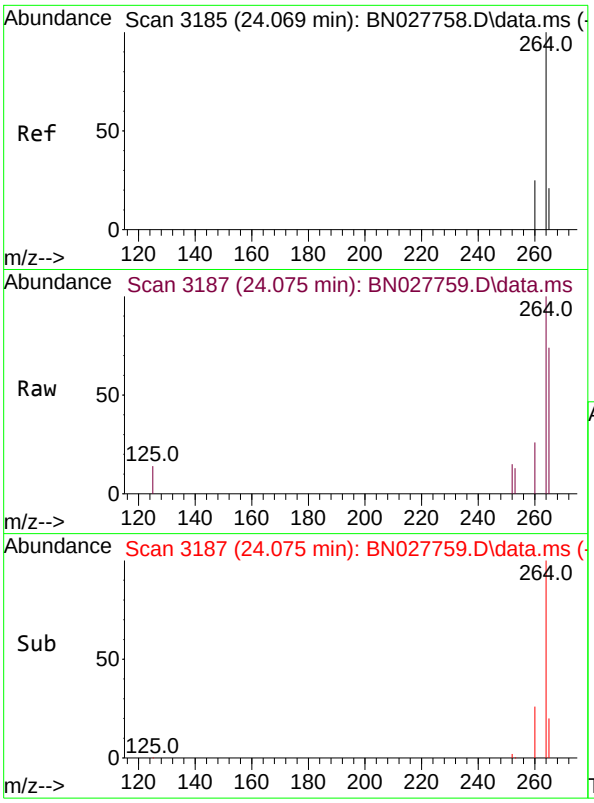


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.726 ng
RT: 21.435 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:149 Resp: 13436

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.2
279	2.7	2.3	3.5



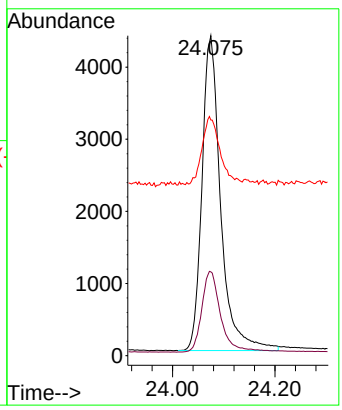


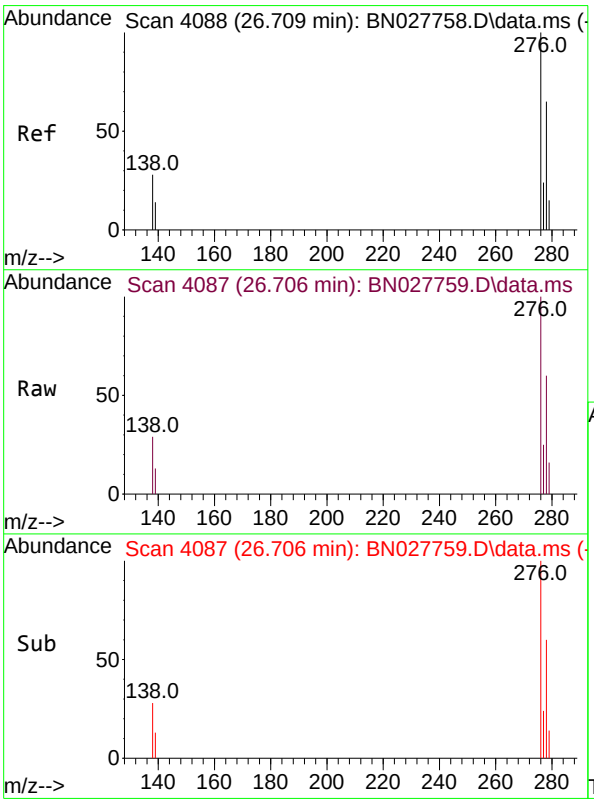
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.075 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 11078

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.6
265	73.6	60.5	90.7

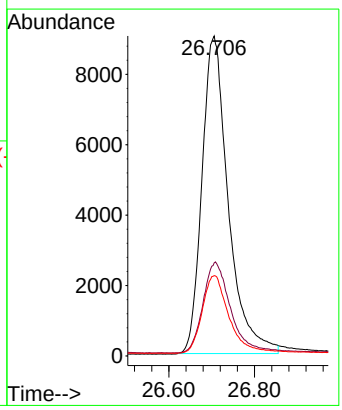


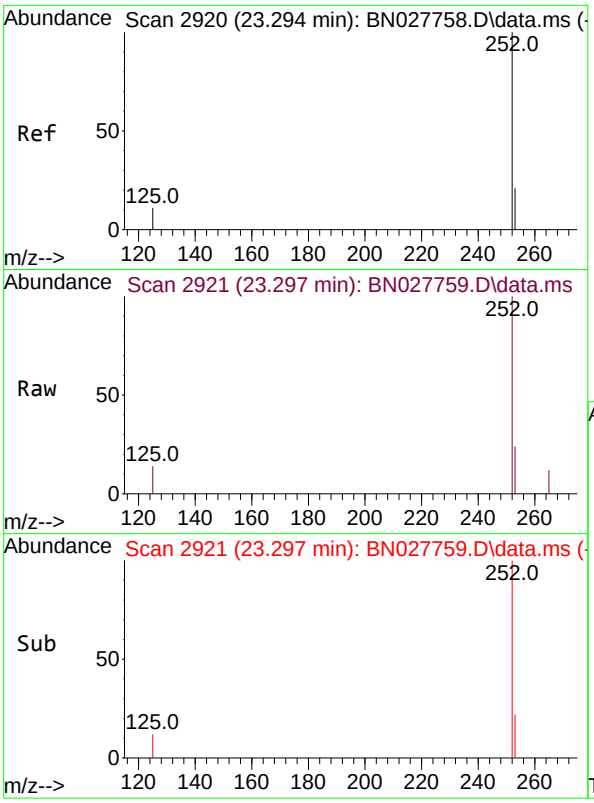


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.817 ng
RT: 26.706 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:276 Resp: 38498

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.5	35.3
277	24.8	19.9	29.9



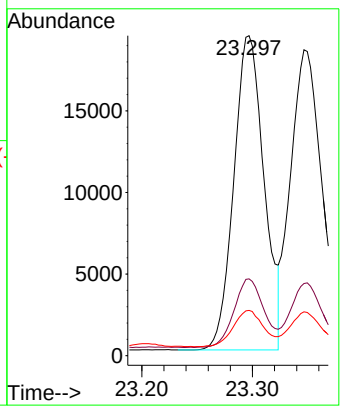


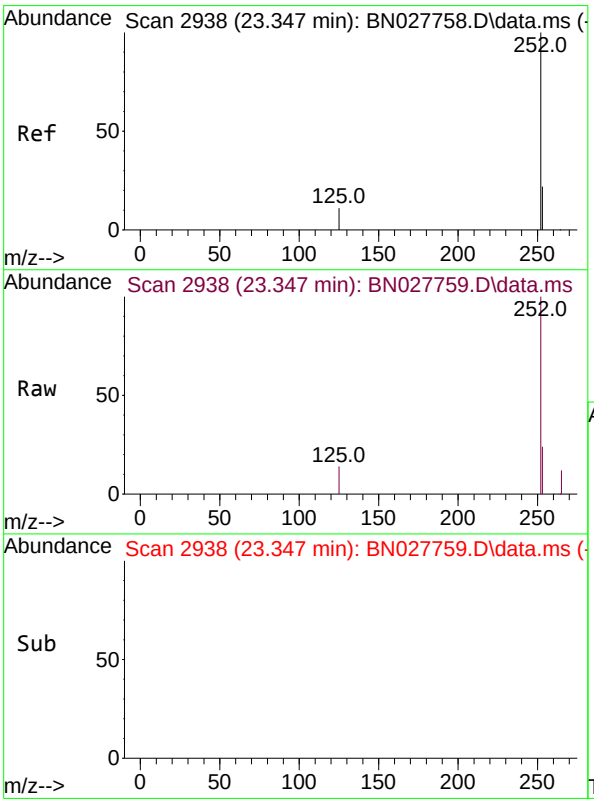
#37
Benzo(b)fluoranthene
Concen: 0.835 ng
RT: 23.297 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36590

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.8	31.2
125	14.2	13.5	20.3

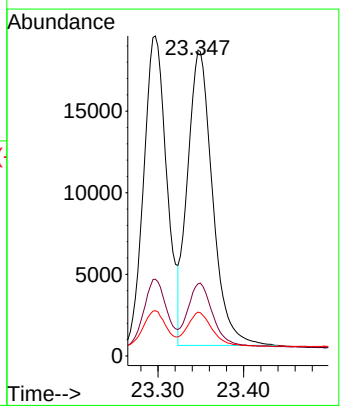


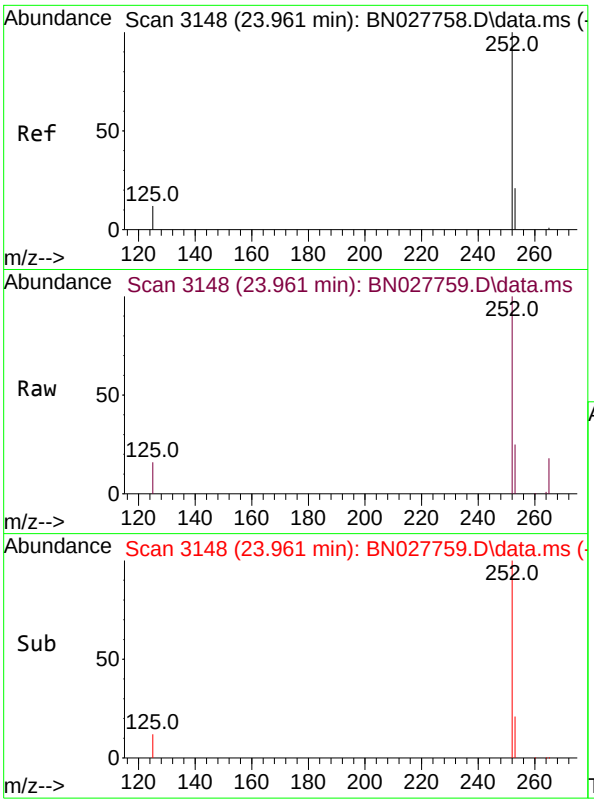


#38
Benzo(k)fluoranthene
Concen: 0.827 ng
RT: 23.347 min Scan# 2938
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:252 Resp: 36723

Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.2	31.8
125	14.4	13.8	20.6



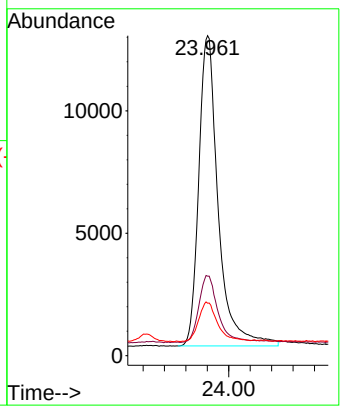


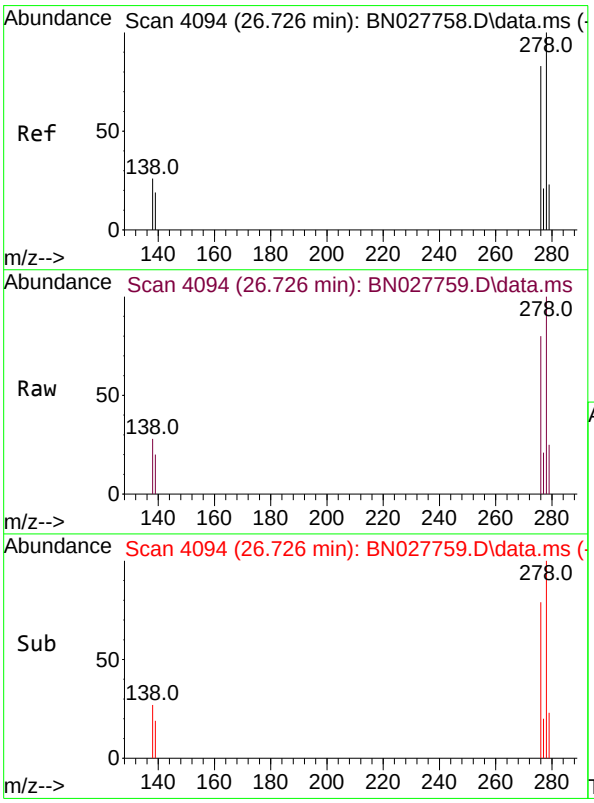
#39
Benzo(a)pyrene
Concen: 0.804 ng
RT: 23.961 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32009

Ion	Ratio	Lower	Upper
252	100		
253	24.9	22.6	33.8
125	16.4	16.5	24.7#

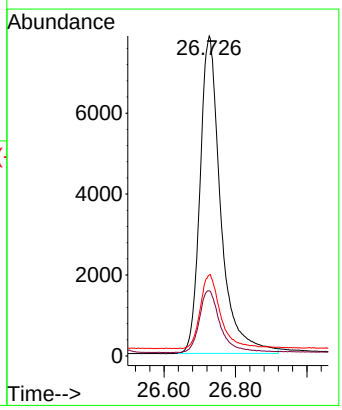


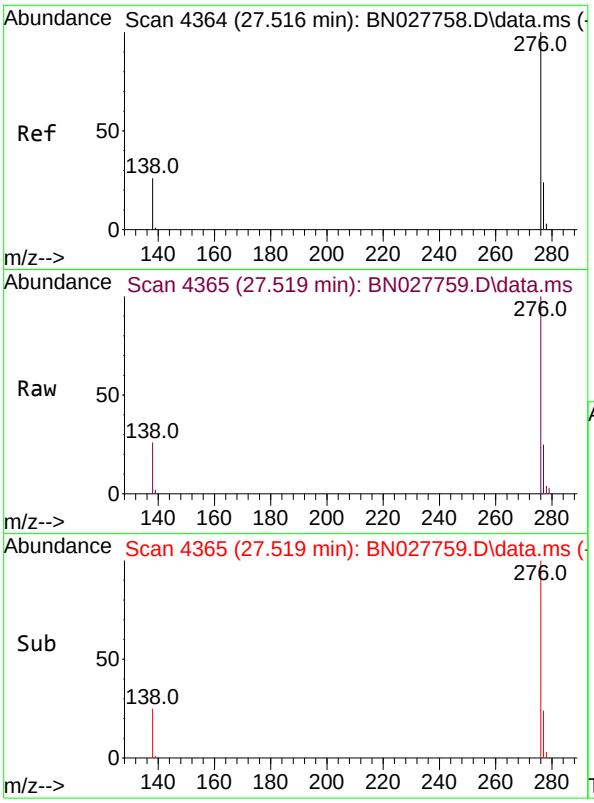


#40
Dibenzo(a,h)anthracene
Concen: 0.818 ng
RT: 26.726 min Scan# 4094
Delta R.T. 0.000 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Tgt Ion:278 Resp: 31476

Ion	Ratio	Lower	Upper
278	100		
139	20.3	17.1	25.7
279	25.3	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 0.820 ng
RT: 27.519 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027759.D
Acq: 20 Sep 2023 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 34887

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.4	30.6
138	26.2	21.9	32.9