Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027767.D
Acq On : 20 Sep 2023 16:45
Operator : MA/JU
Sample : PB155453BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:41:53 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 17:33:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.015	152	1775	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	5800	0.400	ng		0.00
13) Acenaphthene-d10	14.640	164	4005	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	11251	0.400	ng		0.00
29) Chrysene-d12	21.578	240	10813	0.400	ng		0.00
35) Perylene-d12	24.074	264	10409	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	1823	0.406	ng		0.00
5) Phenol-d6	7.163	99	2227	0.397	ng		0.00
8) Nitrobenzene-d5	9.208	82	1920	0.418	ng		0.00
11) 2-Methylnaphthalene-d10	12.415	152	3603	0.425	ng		0.00
14) 2,4,6-Tribromophenol	16.139	330	639	0.375	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	5326	0.394	ng		0.00
27) Fluoranthene-d10	19.421	212	11884	0.406	ng		0.00
31) Terphenyl-d14	20.006	244	8542	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	895	0.412	ng		97
3) n-Nitrosodimethylamine	3.776	42	1103	0.440	ng	#	98
6) bis(2-Chloroethyl)ether	7.445	93	2369	0.431	ng		100
9) Naphthalene	10.885	128	6977	0.434	ng		100
10) Hexachlorobutadiene	11.109	225	1225	0.438	ng	#	100
12) 2-Methylnaphthalene	12.487	142	4658	0.417	ng		98
16) Acenaphthylene	14.373	152	6923	0.404	ng		99
17) Acenaphthene	14.705	154	5277	0.435	ng		99
18) Fluorene	15.693	166	7678	0.436	ng		100
20) 4,6-Dinitro-2-methylph...	15.804	198	334	0.430	ng		98
21) 4-Bromophenyl-phenylether	16.586	248	2289	0.398	ng		99
22) Hexachlorobenzene	16.661	284	2690	0.411	ng		99
23) Atrazine	16.847	200	1656	0.391	ng		97
24) Pentachlorophenol	17.033	266	1425	0.659	ng		99
25) Phenanthrene	17.443	178	13507	0.410	ng		100
26) Anthracene	17.530	178	11104	0.394	ng		99
28) Fluoranthene	19.449	202	16495	0.408	ng		99
30) Pyrene	19.816	202	16770	0.432	ng		100
32) Benzo(a)anthracene	21.560	228	14923	0.398	ng		100
33) Chrysene	21.614	228	17711	0.429	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	6160	0.371	ng		99
36) Indeno(1,2,3-cd)pyrene	26.709	276	17558	0.397	ng		99
37) Benzo(b)fluoranthene	23.294	252	16800	0.408	ng		99
38) Benzo(k)fluoranthene	23.346	252	17095	0.410	ng		100
39) Benzo(a)pyrene	23.958	252	14830	0.397	ng		98
40) Dibenzo(a,h)anthracene	26.723	278	14325	0.396	ng		99
41) Benzo(g,h,i)perylene	27.519	276	15985	0.400	ng		99

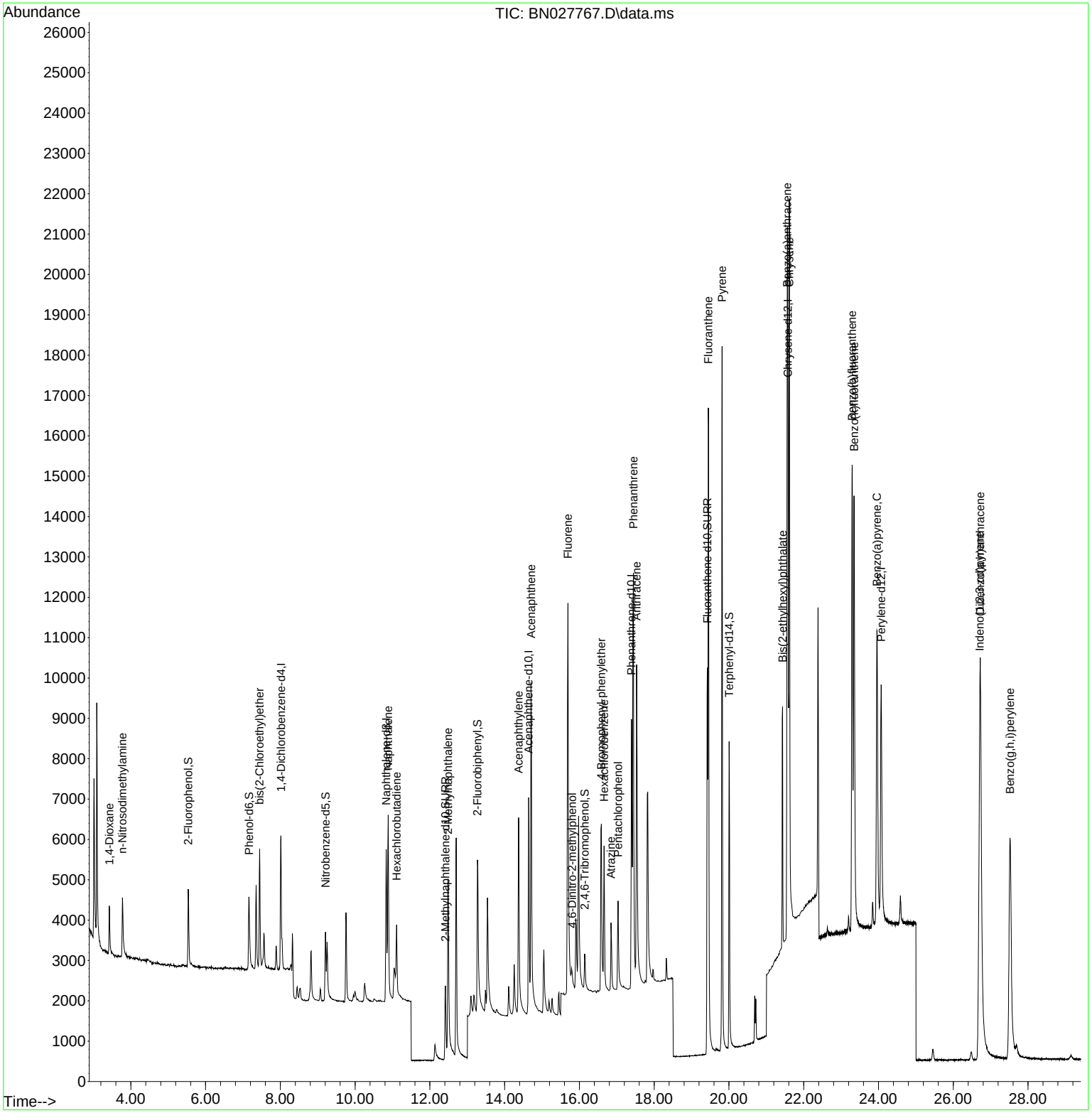
(#) = qualifier out of range (m) = manual integration (+) = signals summed

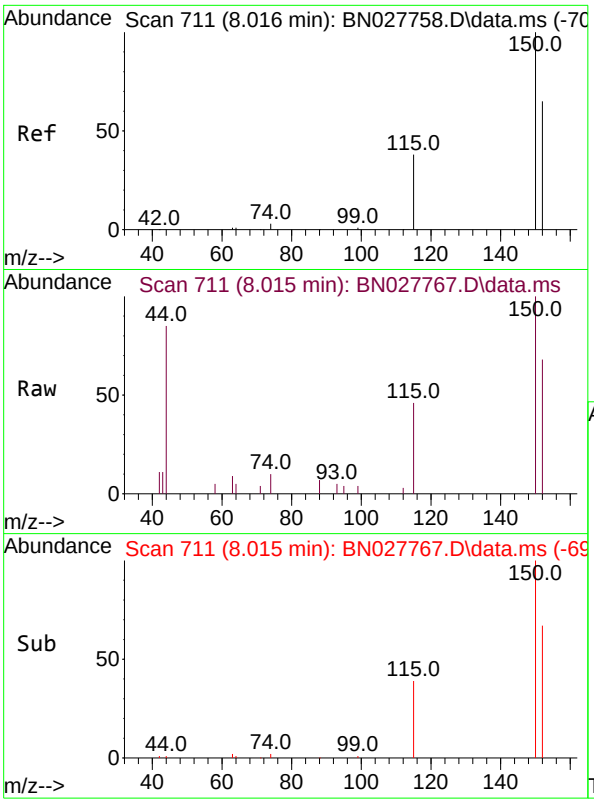
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027767.D
Acq On : 20 Sep 2023 16:45
Operator : MA/JU
Sample : PB155453BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:41:53 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 17:33:34 2023
Response via : Initial Calibration



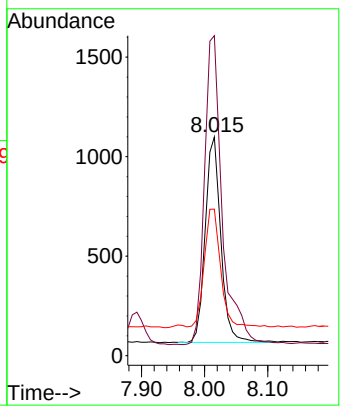


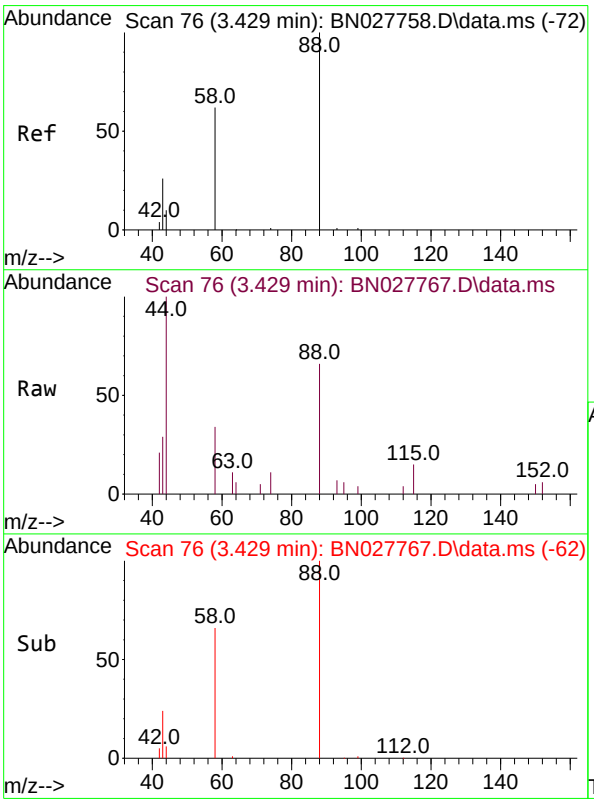
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.015 min Scan# 7
Delta R.T. -0.001 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1775

Ion	Ratio	Lower	Upper
152	100		
150	146.3	120.2	180.2
115	67.1	54.5	81.7

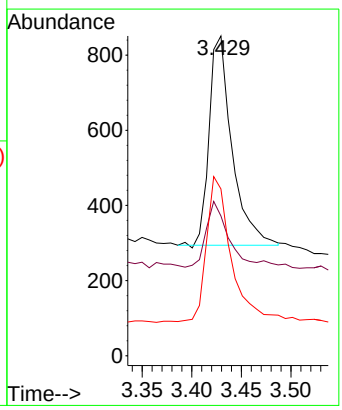


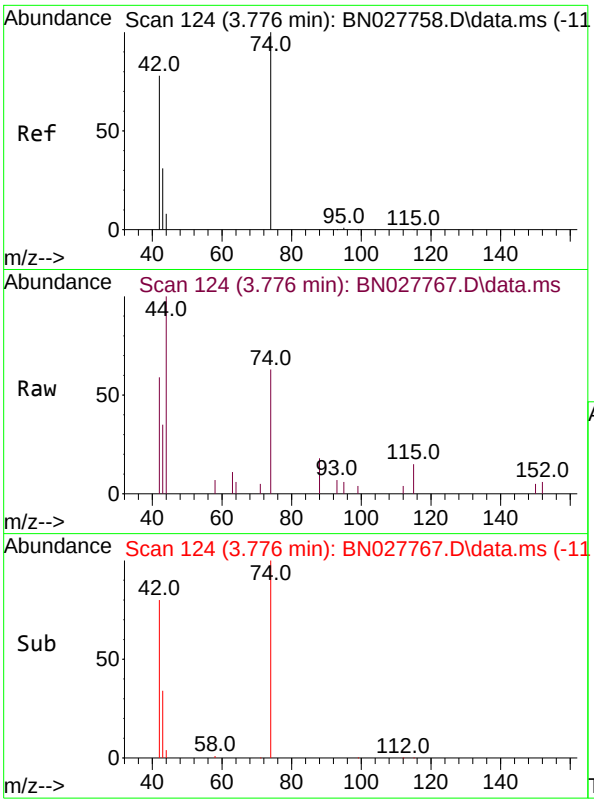


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.429 min Scan# 76
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion: 88 Resp: 895

Ion	Ratio	Lower	Upper
88	100		
43	31.3	27.0	40.6
58	75.8	59.0	88.6



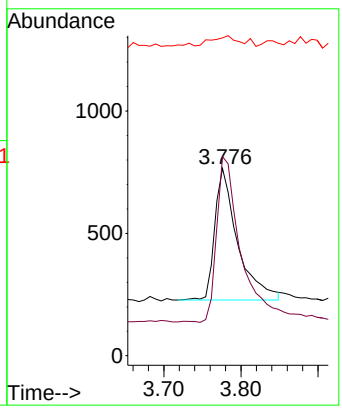


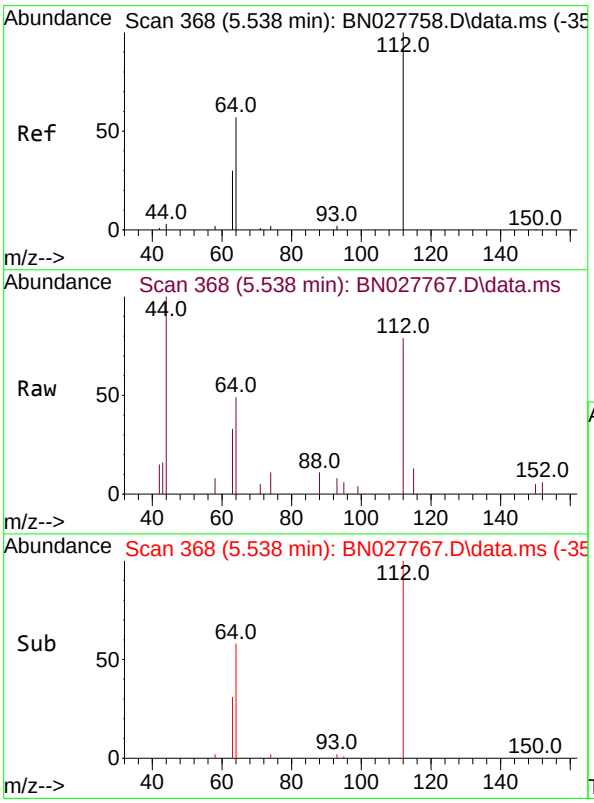
#3
n-Nitrosodimethylamine
Concen: 0.440 ng
RT: 3.776 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1103

Ion	Ratio	Lower	Upper
42	100		
74	132.9	105.6	158.4
44	10.1	12.3	18.5#

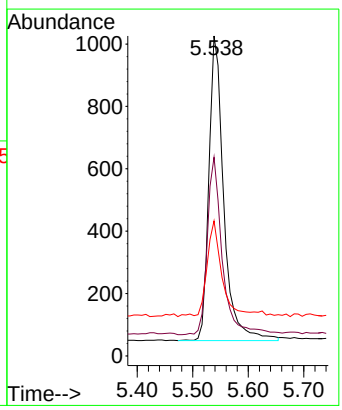


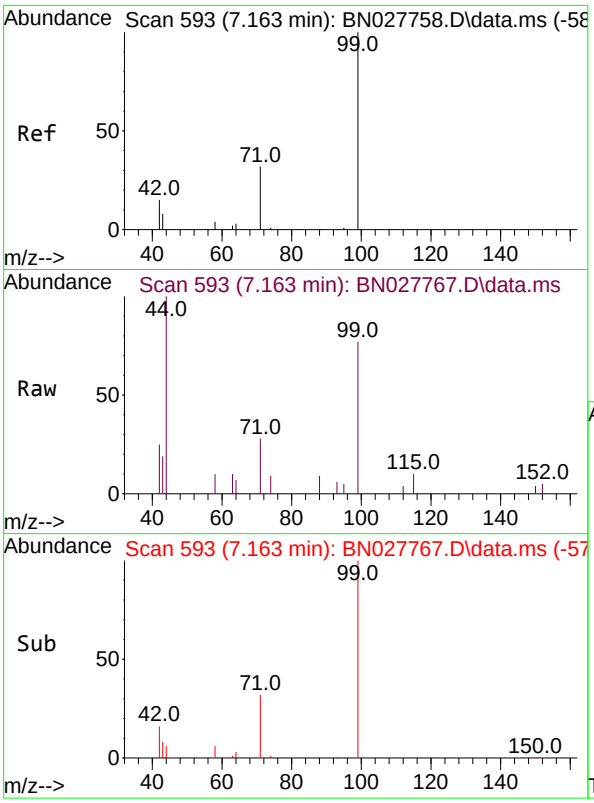


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.538 min Scan# 368
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:112 Resp: 1823

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.1	69.1
63	31.0	24.0	36.0



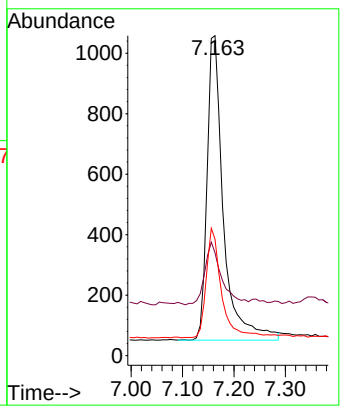


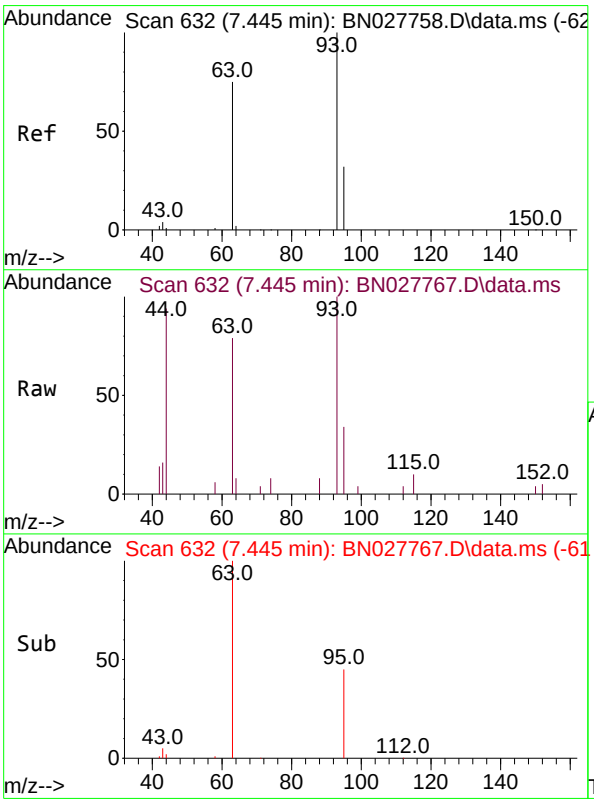
#5
Phenol-d6
Concen: 0.397 ng
RT: 7.163 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2227

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	25.0
71	33.6	28.1	42.1

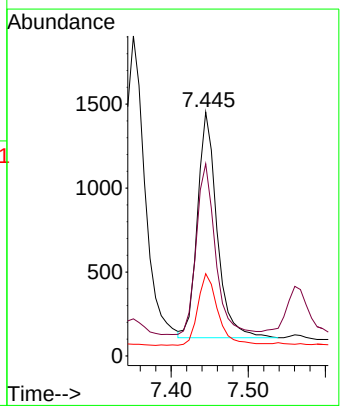


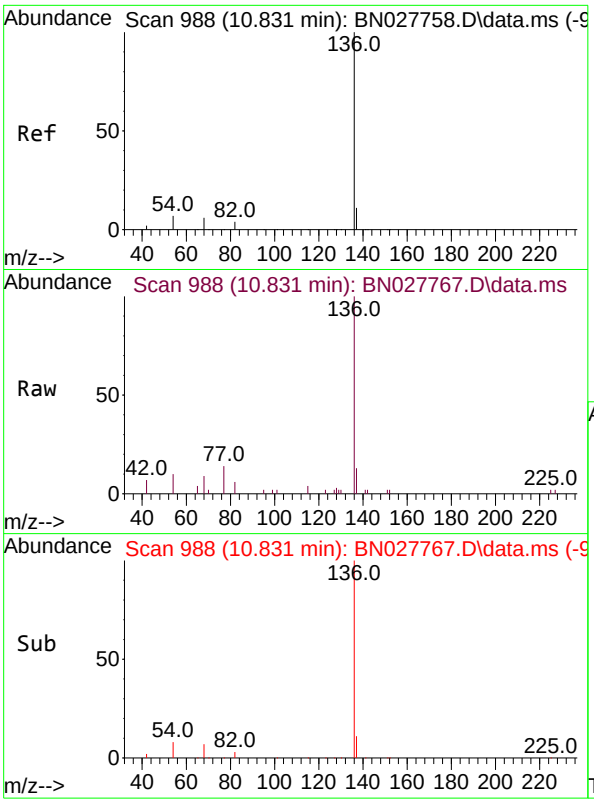


#6
bis(2-Chloroethyl)ether
Concen: 0.431 ng
RT: 7.445 min Scan# 632
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion: 93 Resp: 2369

Ion	Ratio	Lower	Upper
93	100		
63	74.3	59.5	89.3
95	32.8	26.0	39.0



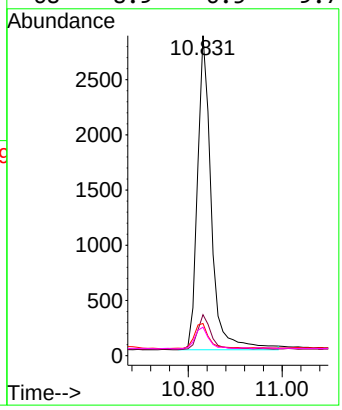


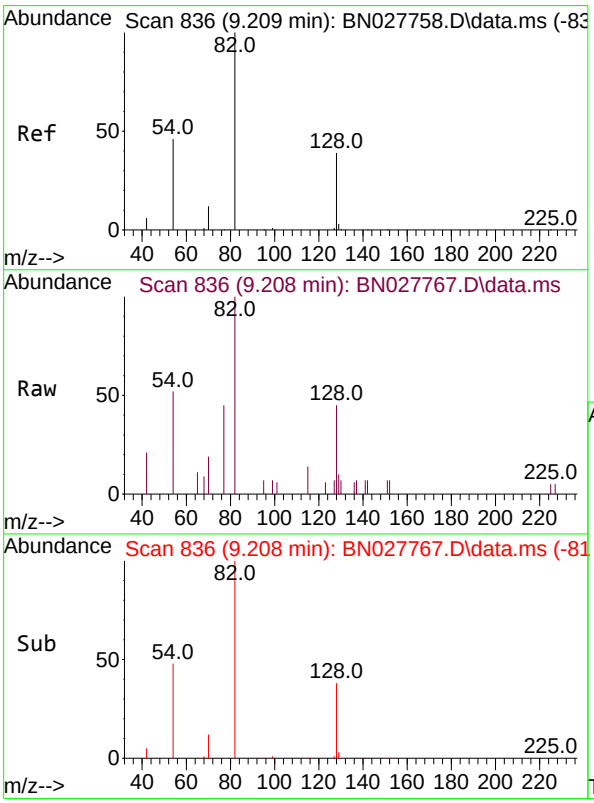
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5800

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.1	15.1
54	10.1	7.4	11.0
68	8.9	6.5	9.7

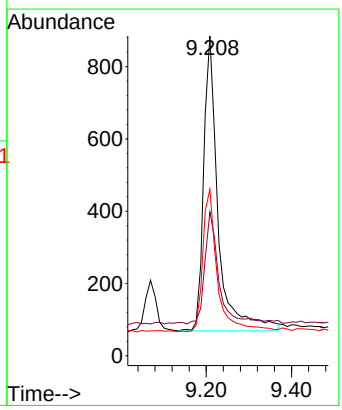


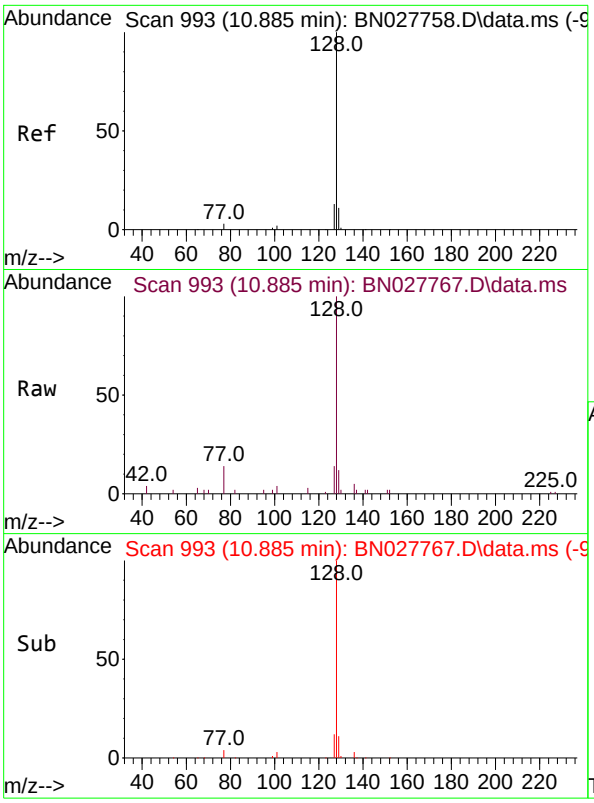


#8
Nitrobenzene-d5
Concen: 0.418 ng
RT: 9.208 min Scan# 836
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion: 82 Resp: 1920

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	52.1	39.9	59.9



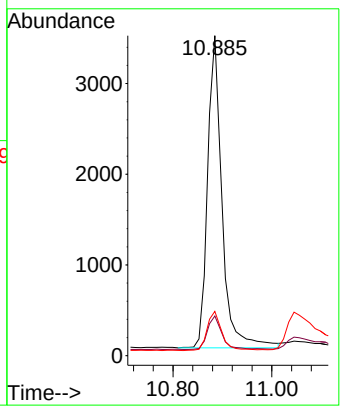


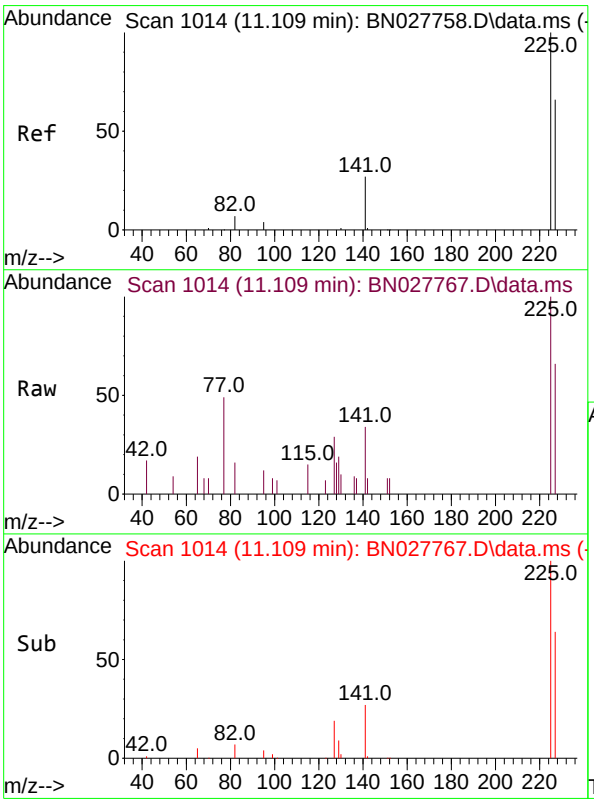
#9
Naphthalene
Concen: 0.434 ng
RT: 10.885 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6977

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.2	15.2
127	13.8	11.1	16.7

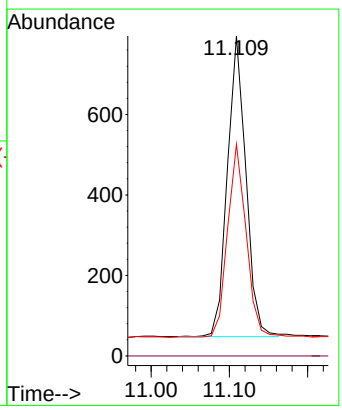


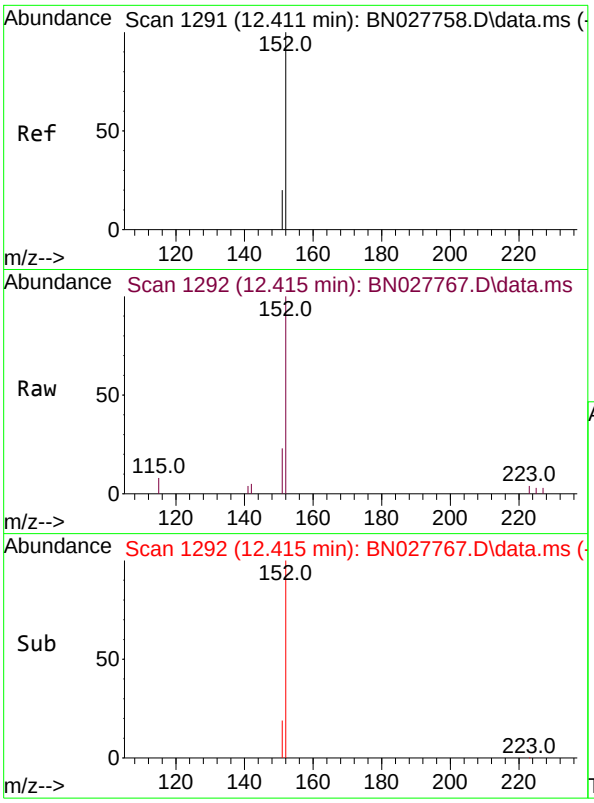


#10
Hexachlorobutadiene
Concen: 0.438 ng
RT: 11.109 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:225 Resp: 1225

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.4	77.0



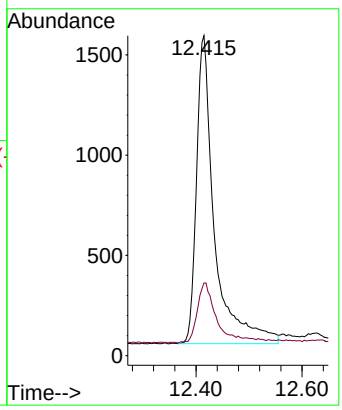


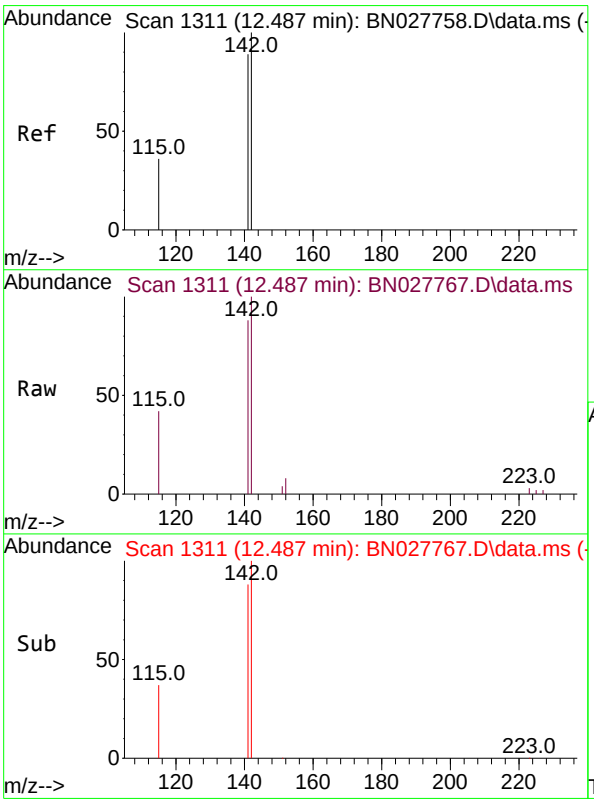
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.415 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3603

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.6	23.4

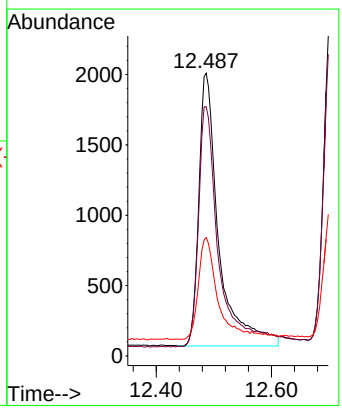


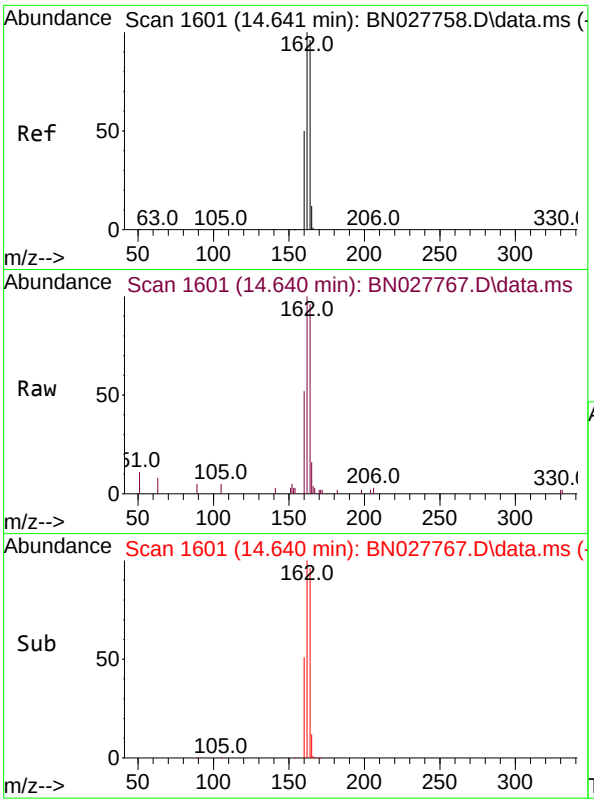


#12
2-Methylnaphthalene
Concen: 0.417 ng
RT: 12.487 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:142 Resp: 4658

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.5	107.3
115	41.9	31.8	47.6



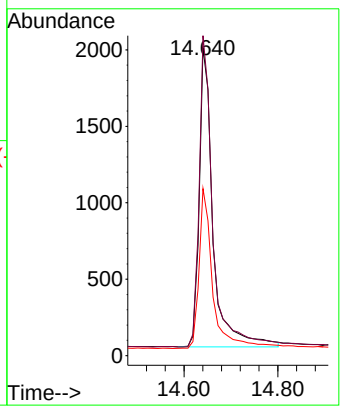


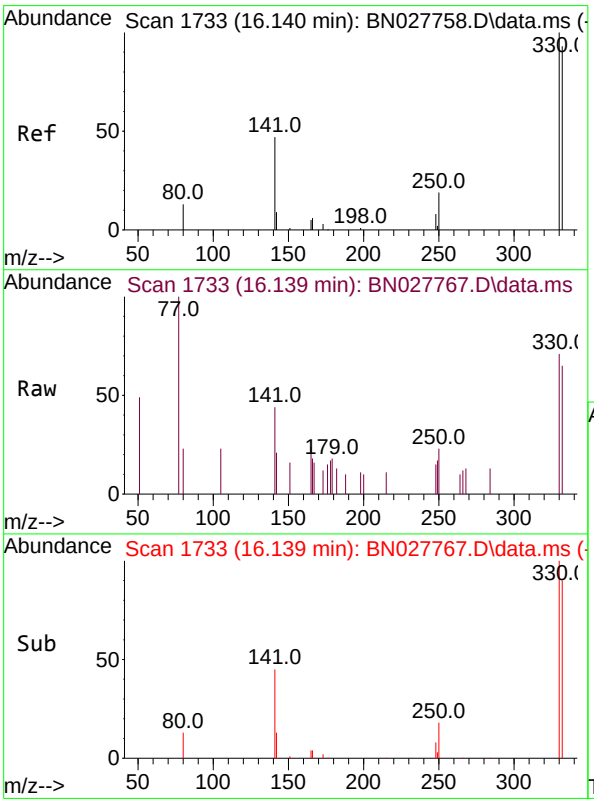
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4005

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.6	125.4
160	54.3	42.6	64.0

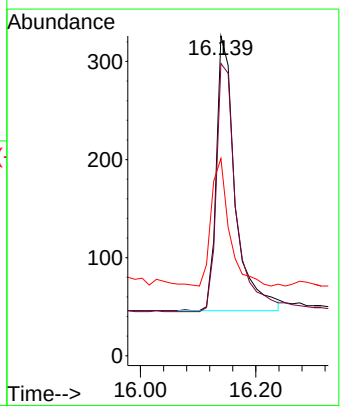


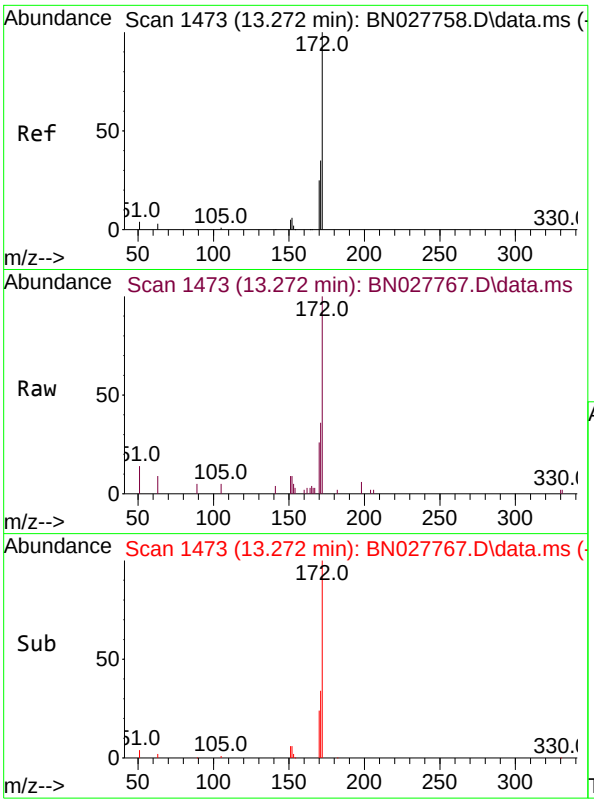


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 16.139 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:330 Resp: 639

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.4
141	44.1	38.1	57.1



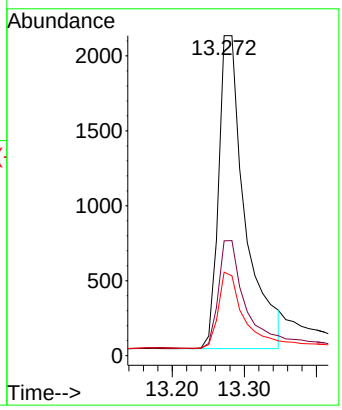


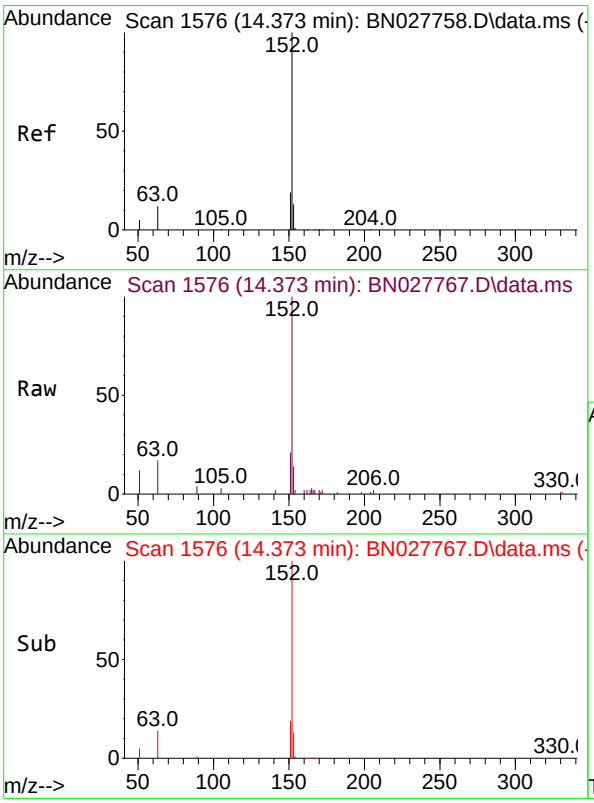
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.272 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5326

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	26.1	20.8	31.2

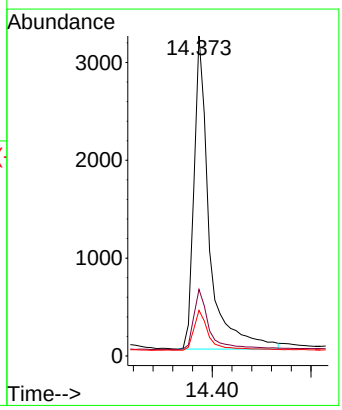


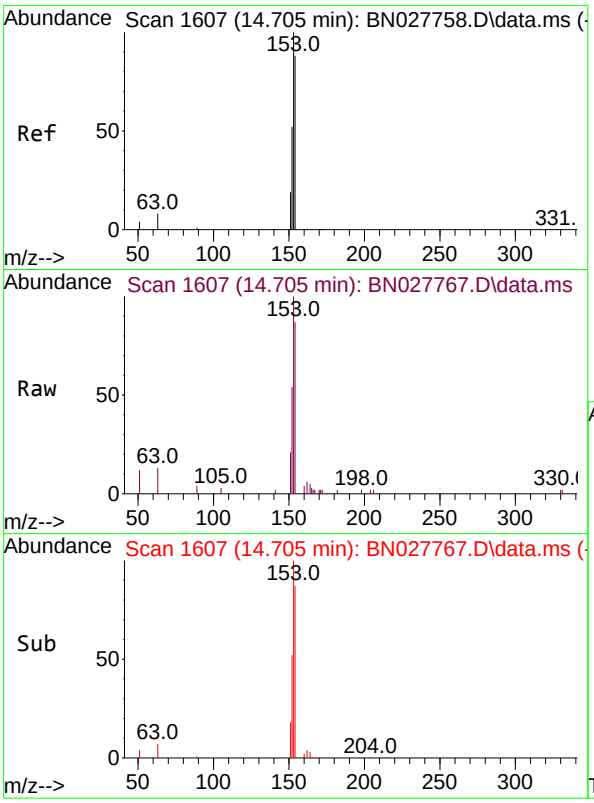


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.373 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:152 Resp: 6923

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	12.7	10.6	15.8



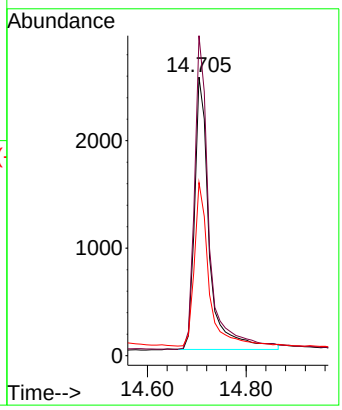


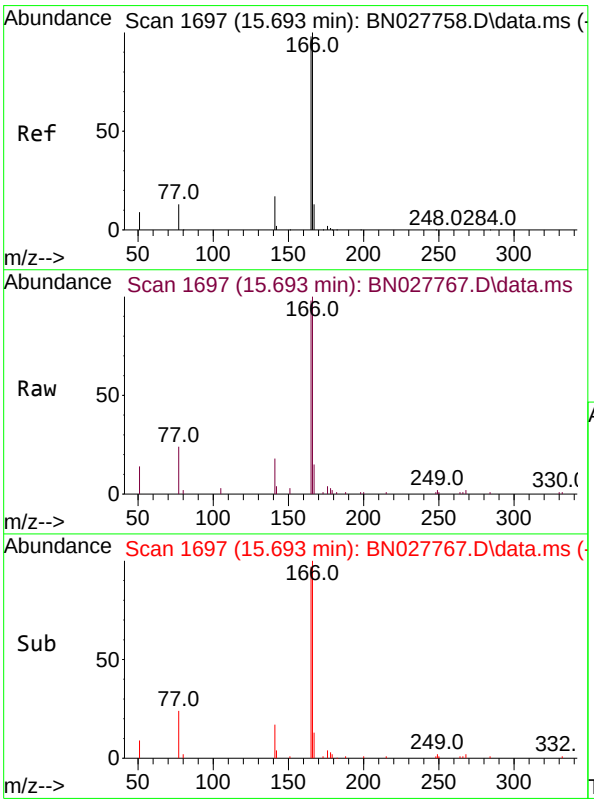
#17
Acenaphthene
Concen: 0.435 ng
RT: 14.705 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5277

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.0	136.6
152	58.4	47.4	71.2

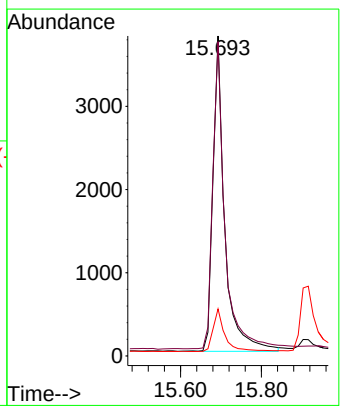


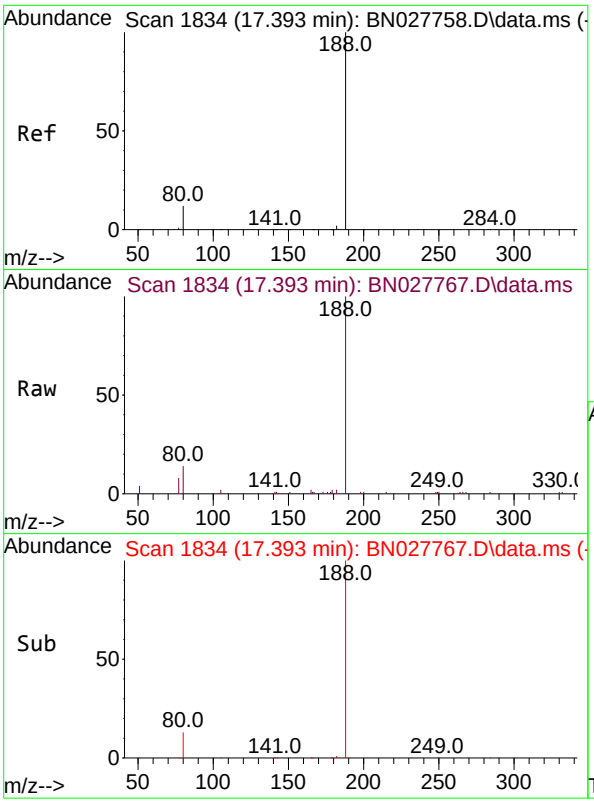


#18
Fluorene
Concen: 0.436 ng
RT: 15.693 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:166 Resp: 7678

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.3	118.9
167	13.6	10.6	16.0



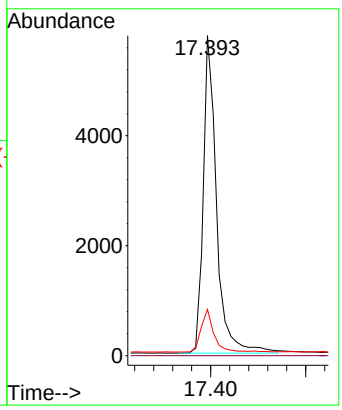


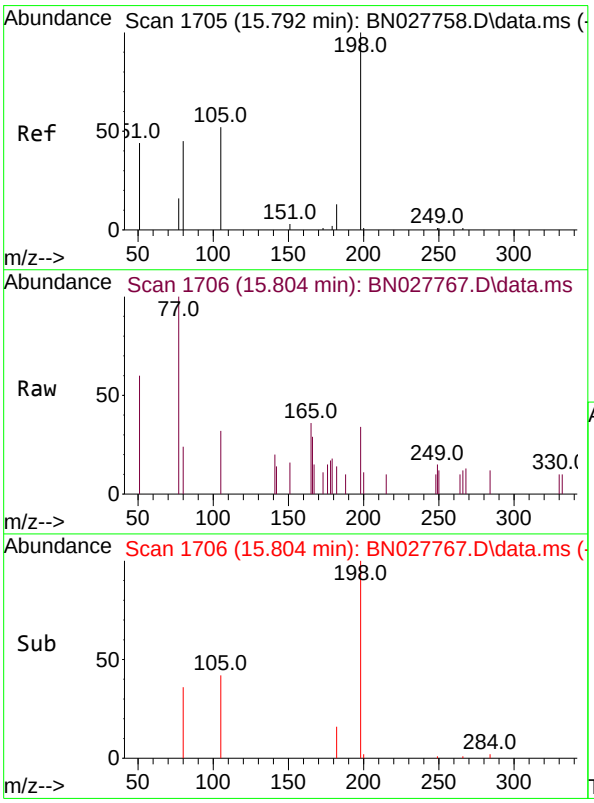
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 11251

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	10.6	16.0

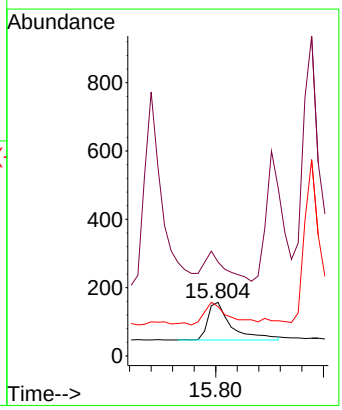


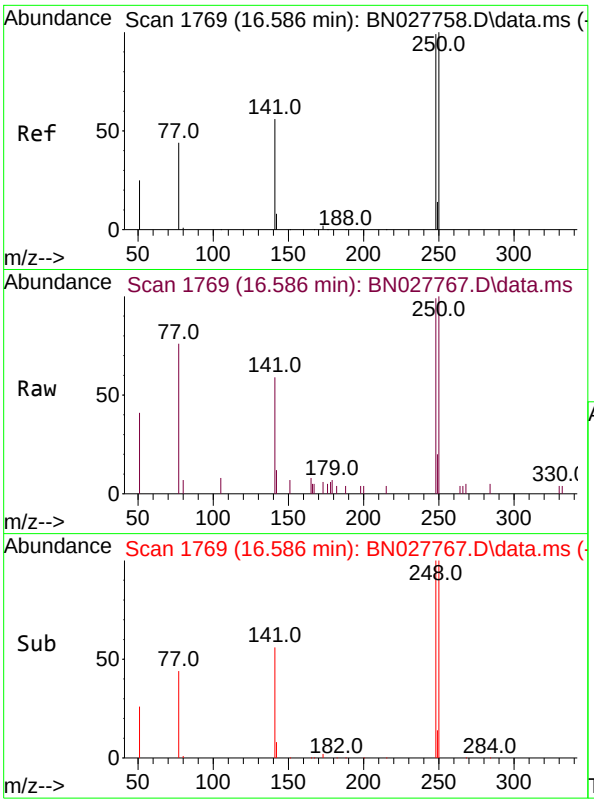


#20
4,6-Dinitro-2-methylphenol
Concen: 0.430 ng
RT: 15.804 min Scan# 1706
Delta R.T. 0.012 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:198 Resp: 334

Ion	Ratio	Lower	Upper
198	100		
51	175.2	143.3	214.9
105	92.4	73.4	110.2



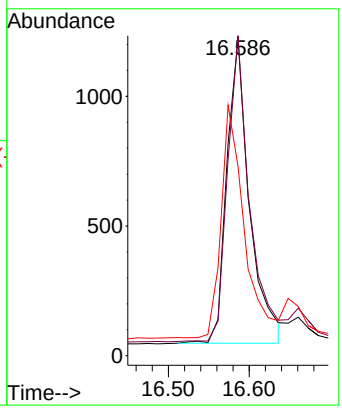


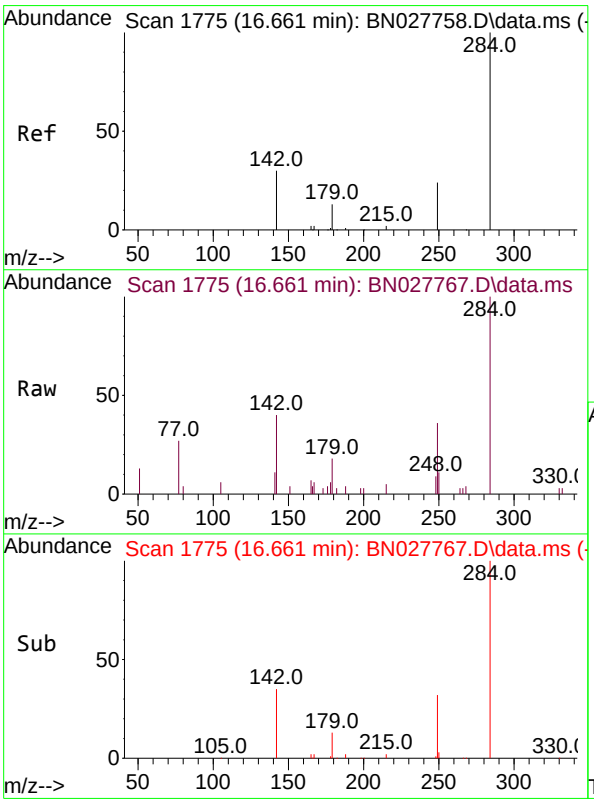
#21
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2289

Ion	Ratio	Lower	Upper
248	100		
250	100.7	81.4	122.2
141	59.5	48.2	72.4

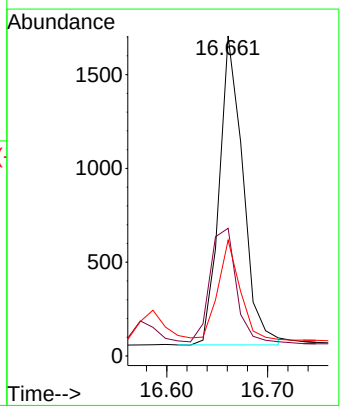


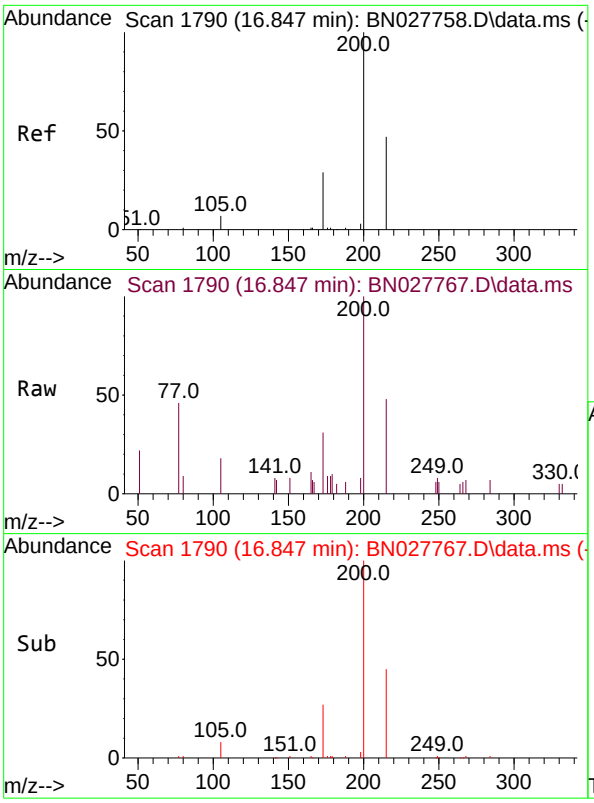


#22
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.661 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:284 Resp: 2690

Ion	Ratio	Lower	Upper
284	100		
142	40.2	32.9	49.3
249	29.4	24.1	36.1



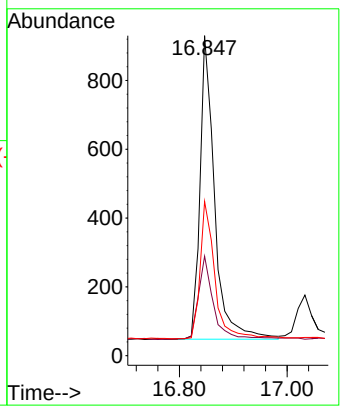


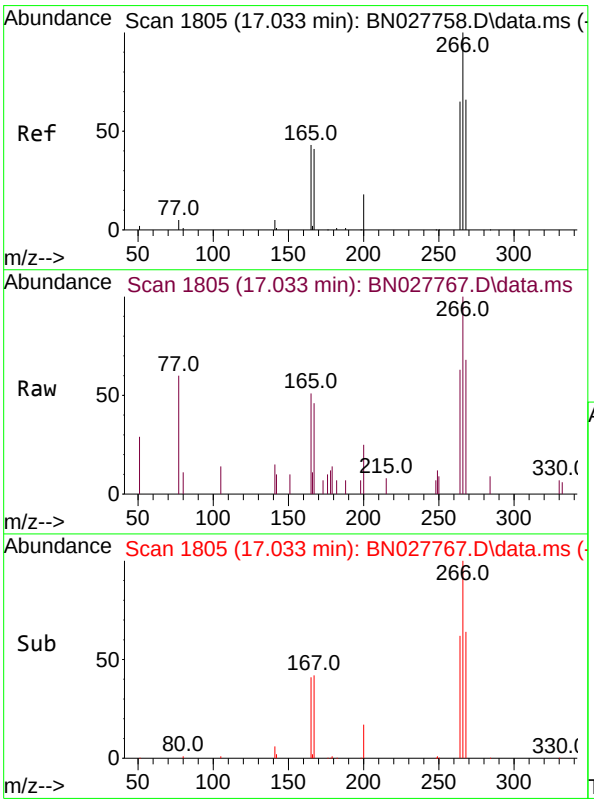
#23
Atrazine
Concen: 0.391 ng
RT: 16.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1656

Ion	Ratio	Lower	Upper
200	100		
173	31.1	26.1	39.1
215	48.2	40.0	60.0

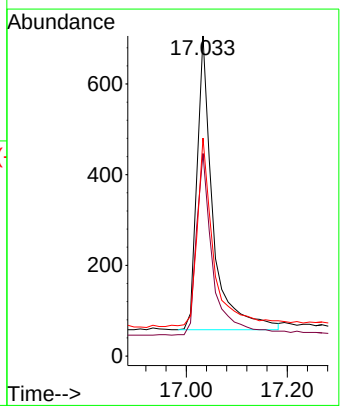


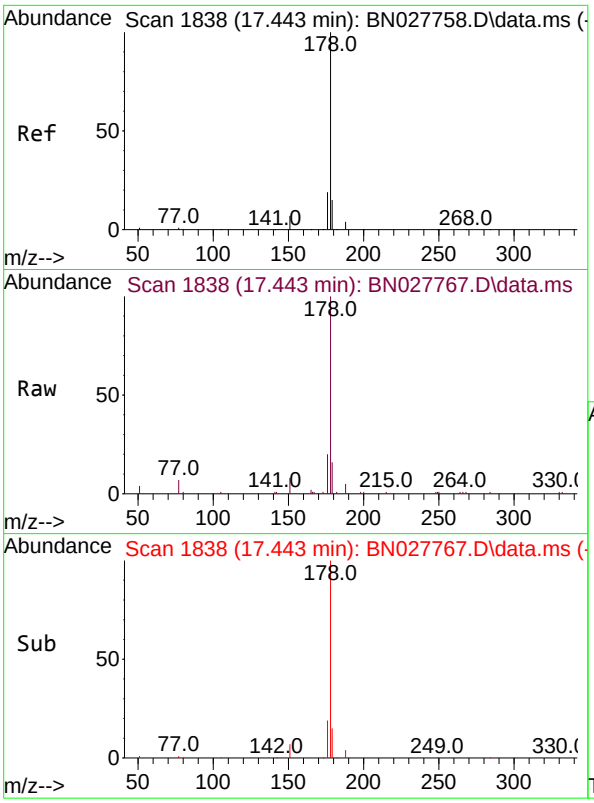


#24
Pentachlorophenol
Concen: 0.659 ng
RT: 17.033 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:266 Resp: 1425

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.8	76.2
268	65.5	53.0	79.6



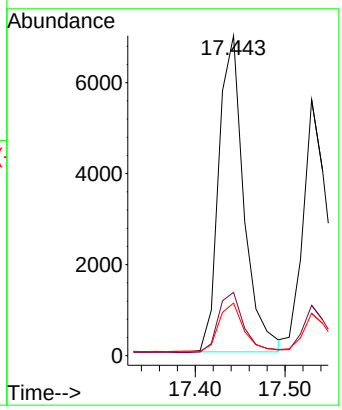


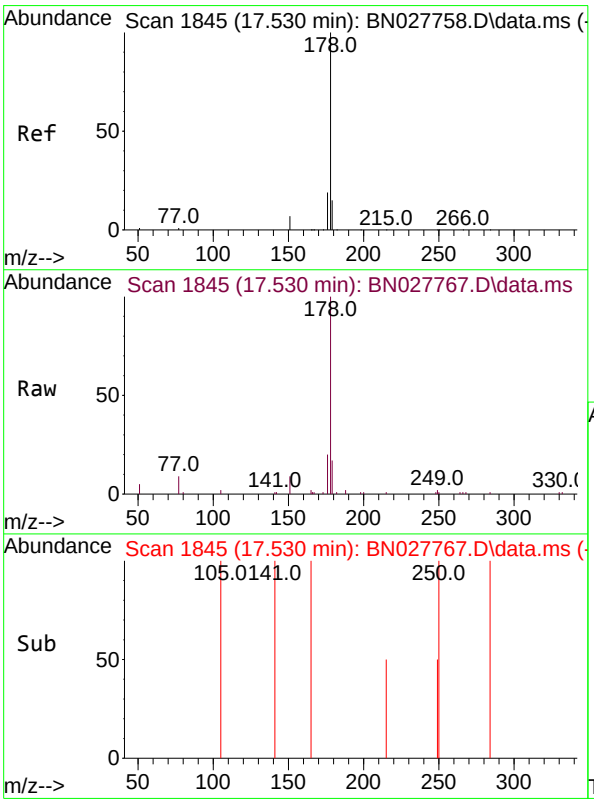
#25
Phenanthrene
Concen: 0.410 ng
RT: 17.443 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13507

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.3	18.5

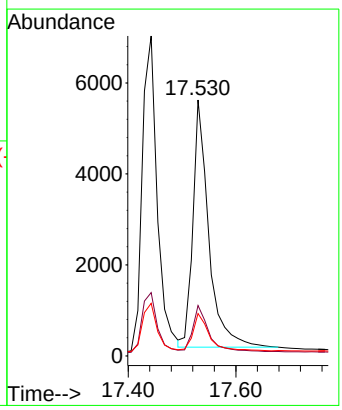


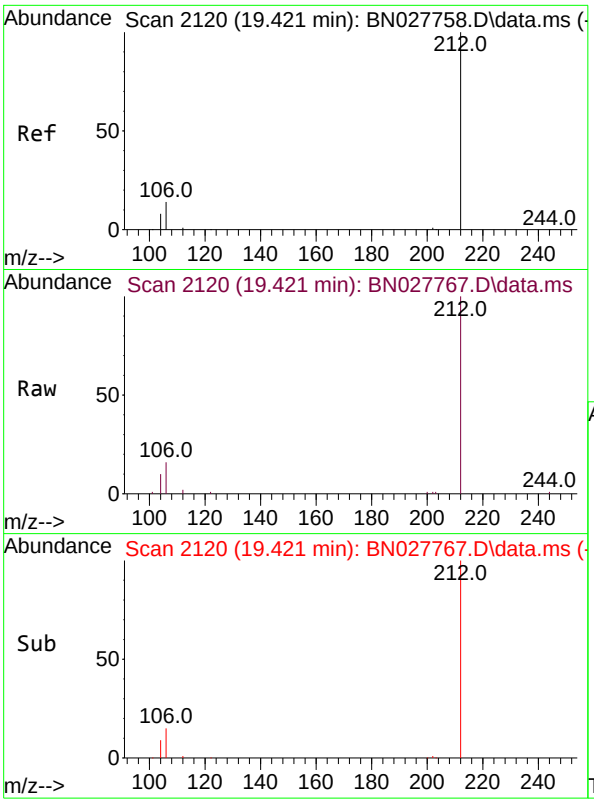


#26
Anthracene
Concen: 0.394 ng
RT: 17.530 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:178 Resp: 11104

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.2	12.2	18.2



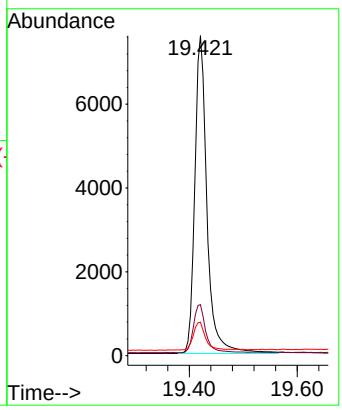


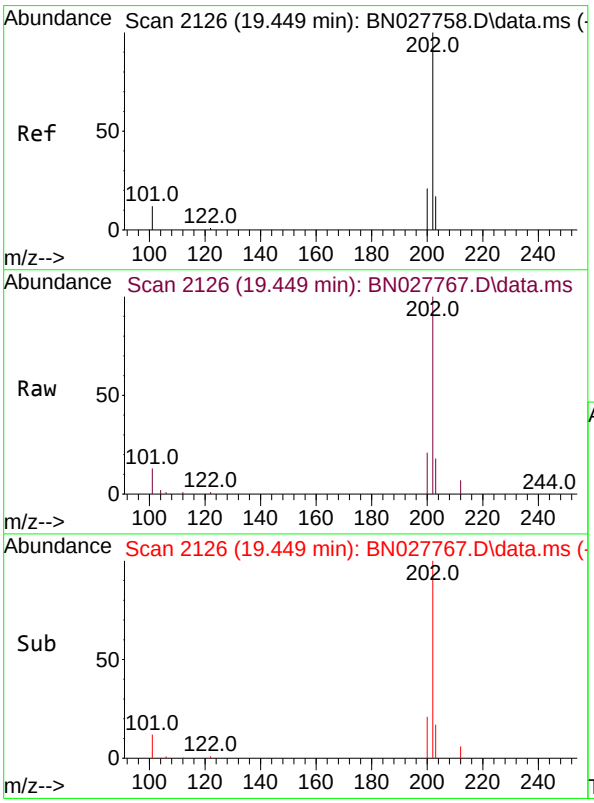
#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 11884

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.2	18.2
104	8.8	7.0	10.4

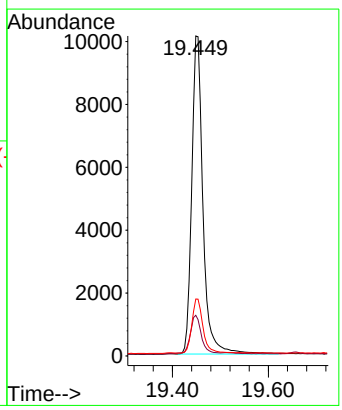


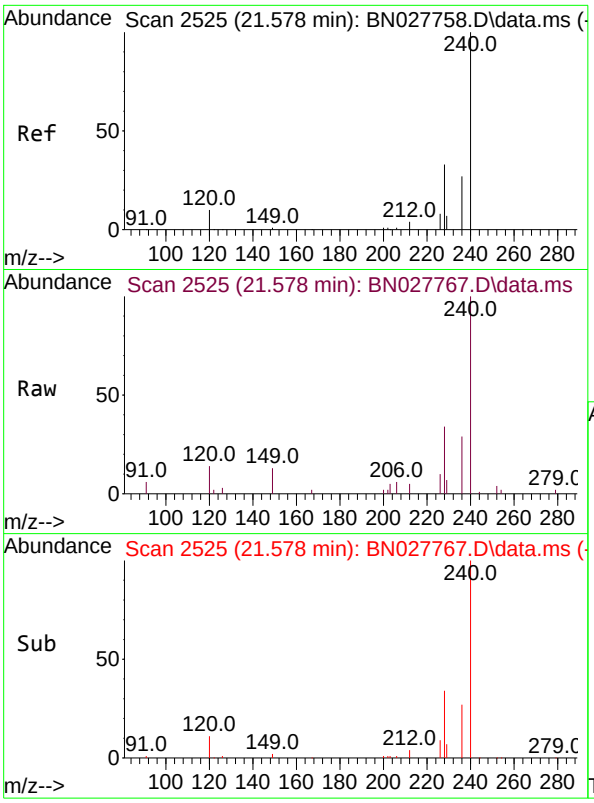


#28
Fluoranthene
Concen: 0.408 ng
RT: 19.449 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:202 Resp: 16495

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	16.8	13.8	20.6



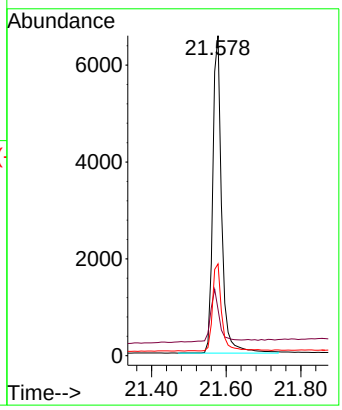


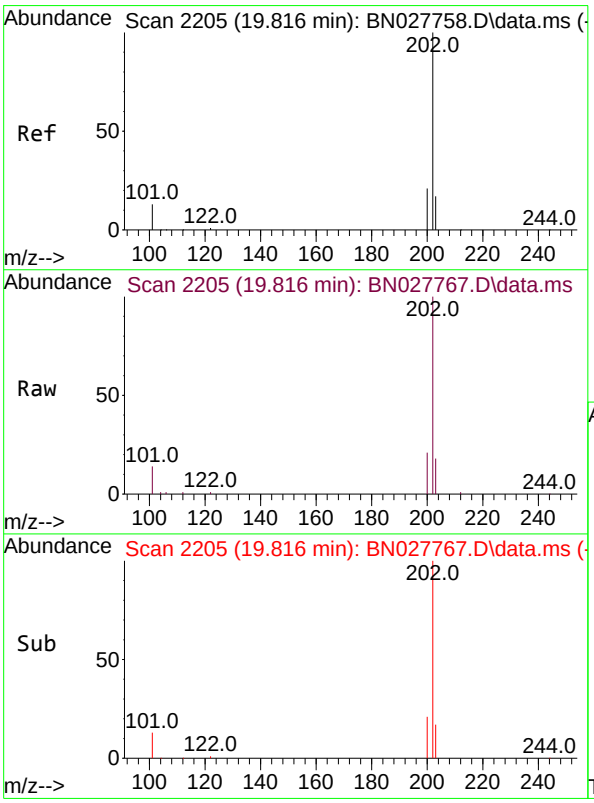
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 10813

Ion	Ratio	Lower	Upper
240	100		
120	14.5	11.2	16.8
236	28.7	22.8	34.2

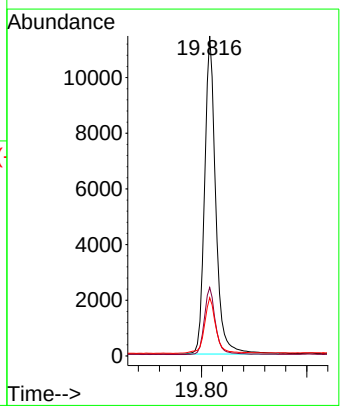


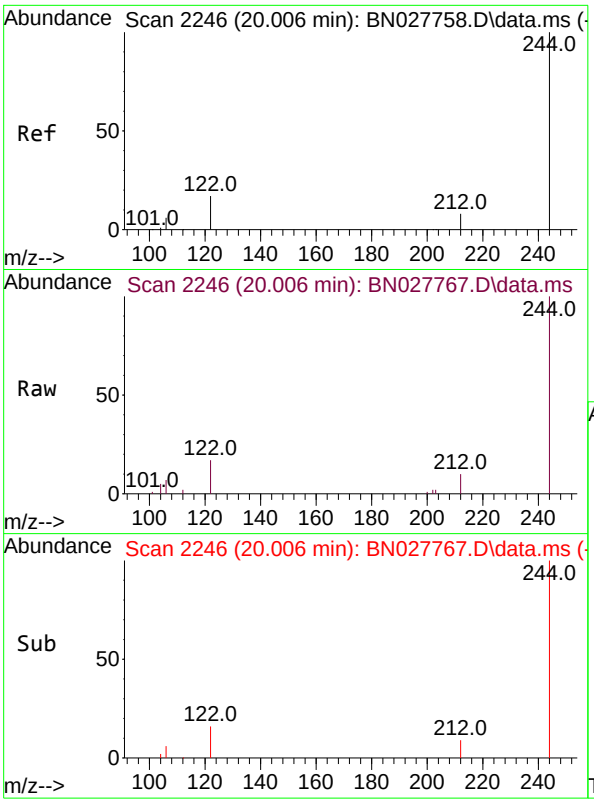


#30
Pyrene
Concen: 0.432 ng
RT: 19.816 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:202 Resp: 16770

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.1	14.2	21.4



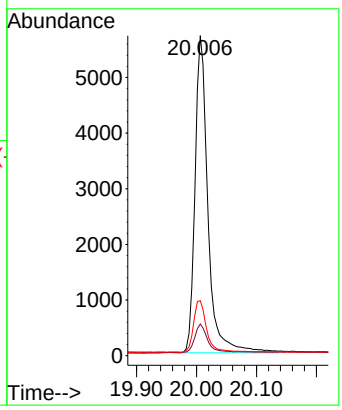


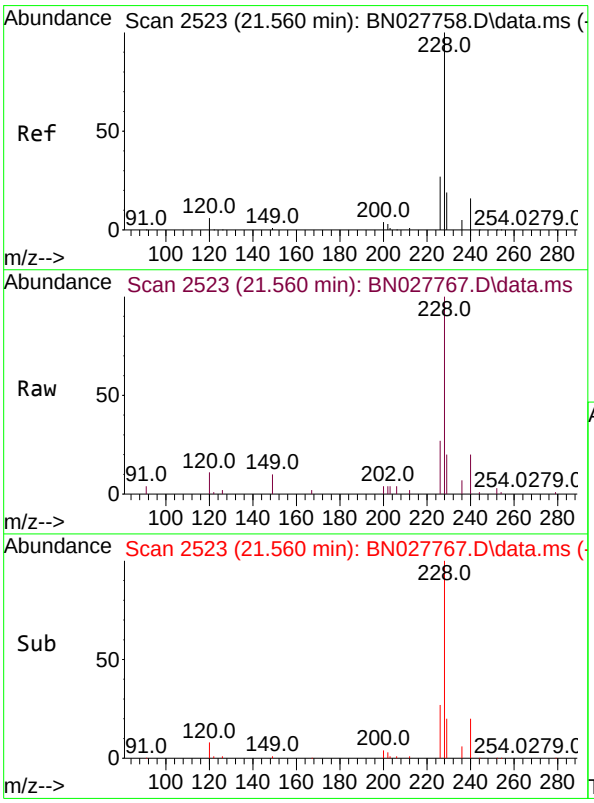
#31
Terphenyl-d14
Concen: 0.410 ng
RT: 20.006 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8542

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.5	11.3
122	17.2	13.9	20.9

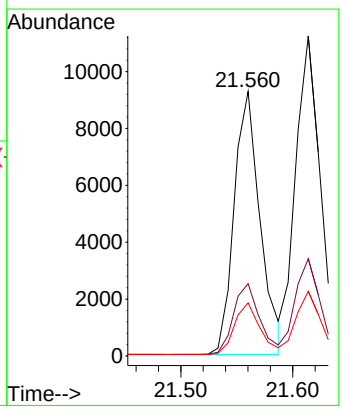


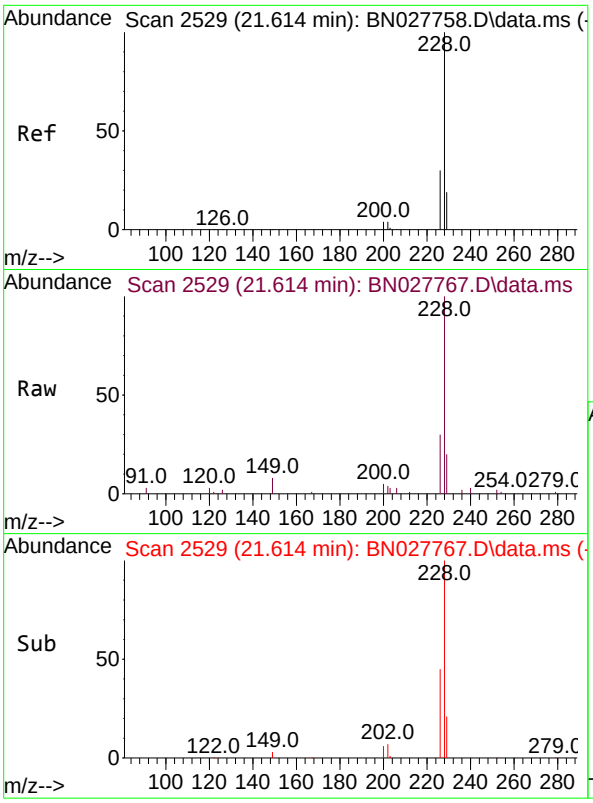


#32
Benzo(a)anthracene
Concen: 0.398 ng
RT: 21.560 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:228 Resp: 14923

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	20.1	15.8	23.6



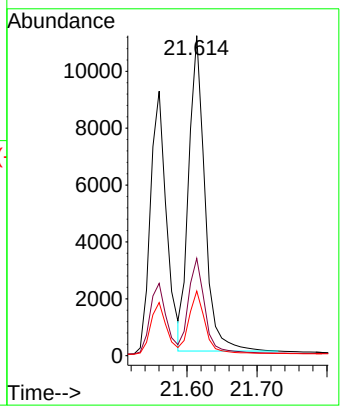


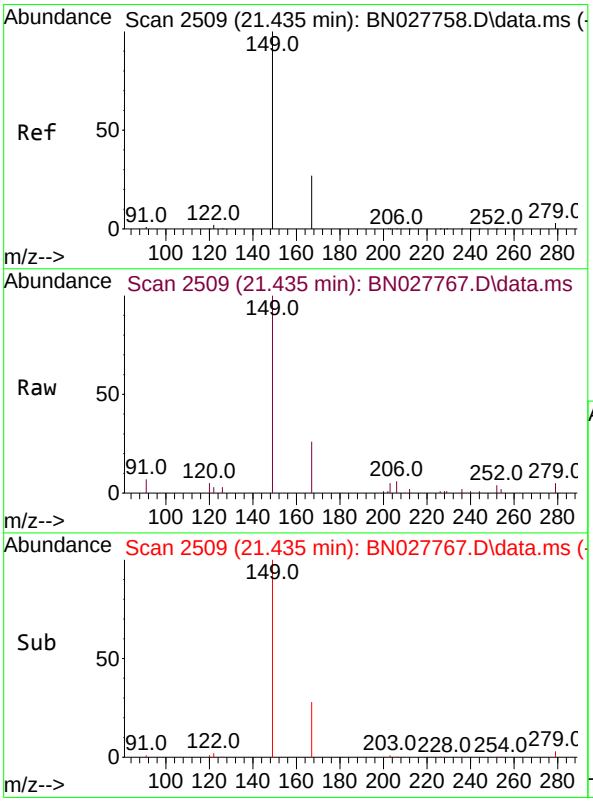
#33
Chrysene
Concen: 0.429 ng
RT: 21.614 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17711

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	20.2	15.7	23.5

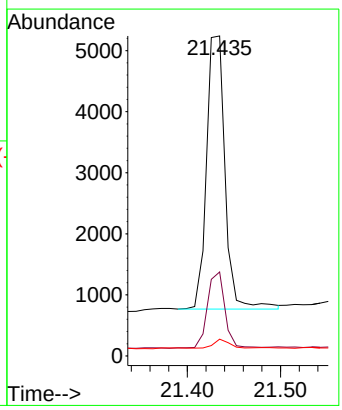


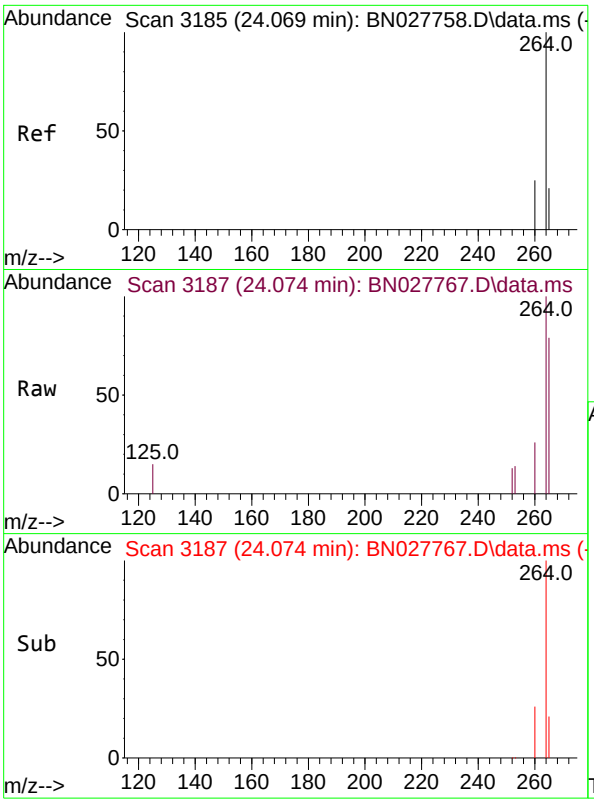


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.435 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:149 Resp: 6160

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.2
279	2.8	2.3	3.5



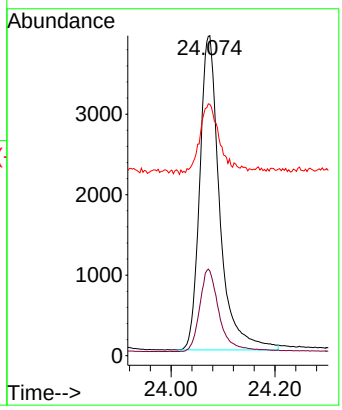


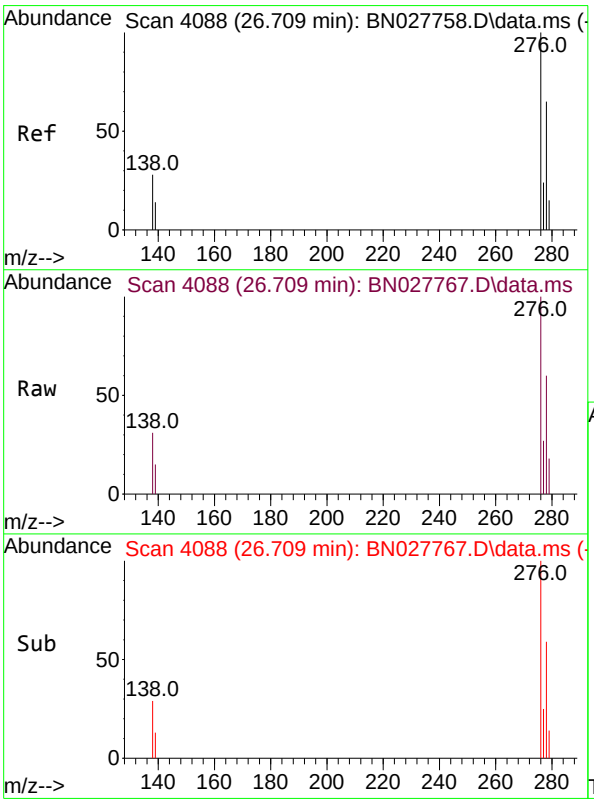
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.074 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 10409

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.0	31.6
265	78.6	60.5	90.7

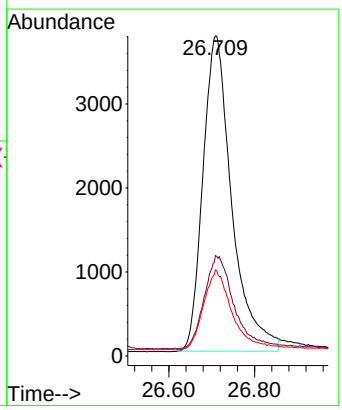


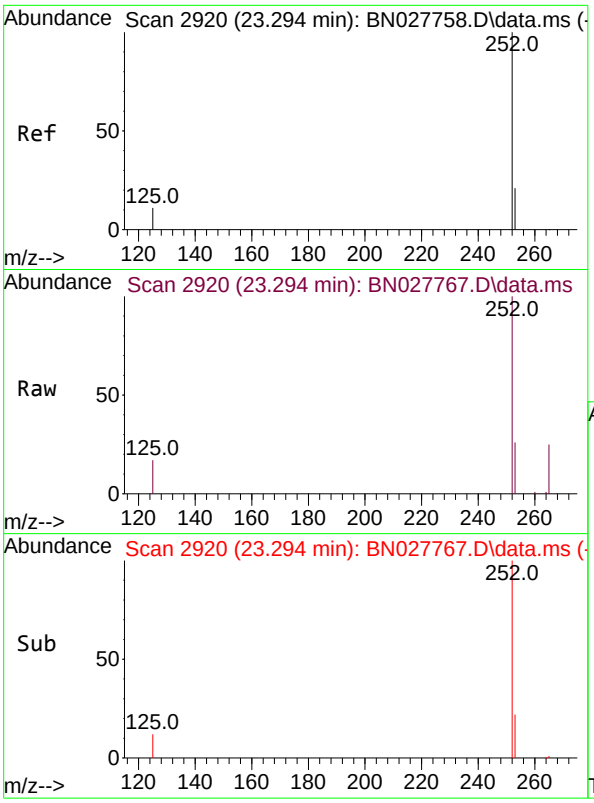


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.709 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:276 Resp: 17558

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.5	35.3
277	24.6	19.9	29.9



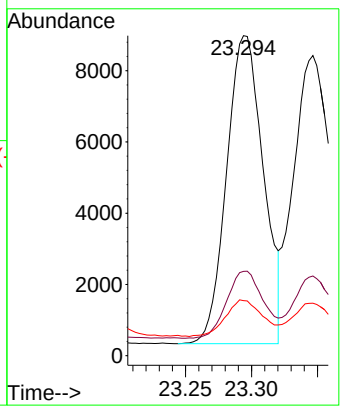


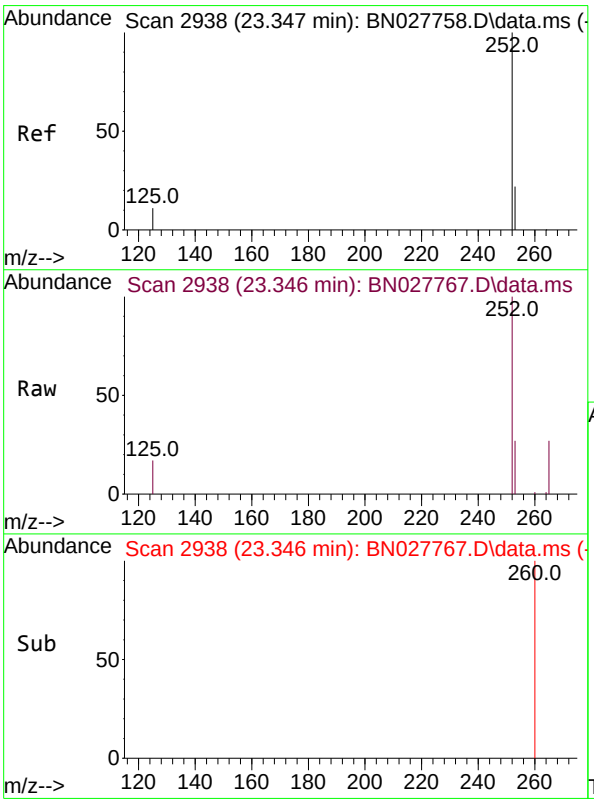
#37
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.294 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 16800

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.8	31.2
125	17.2	13.5	20.3

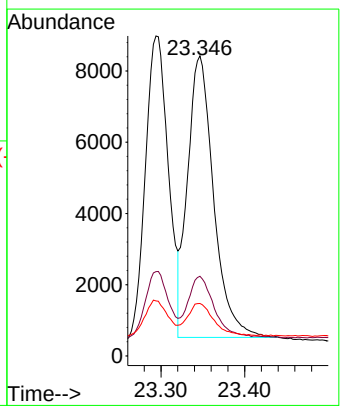


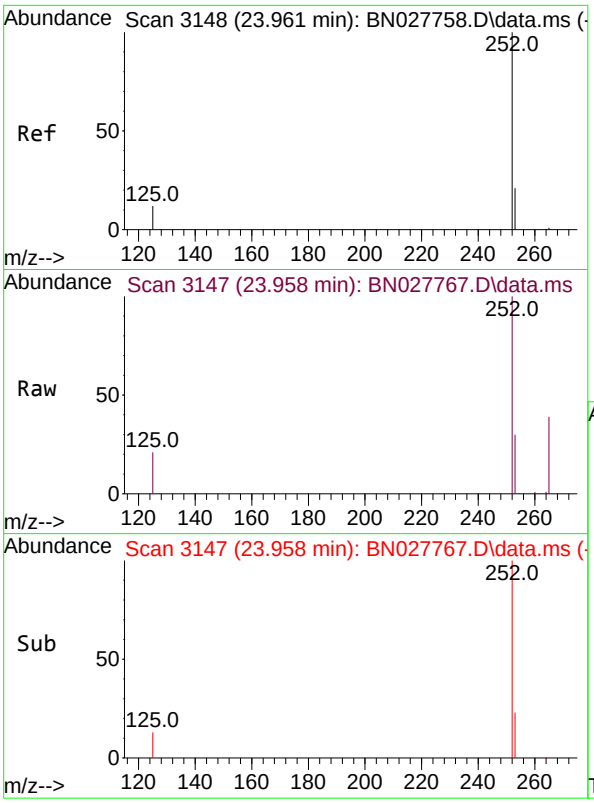


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.346 min Scan# 2938
Delta R.T. -0.000 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:252 Resp: 17095

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.2	31.8
125	17.5	13.8	20.6



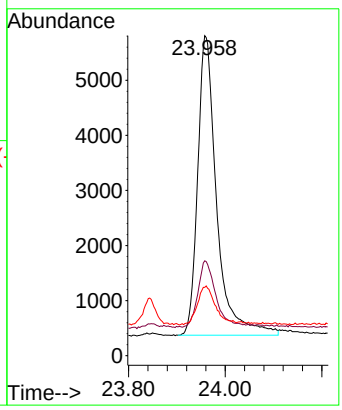


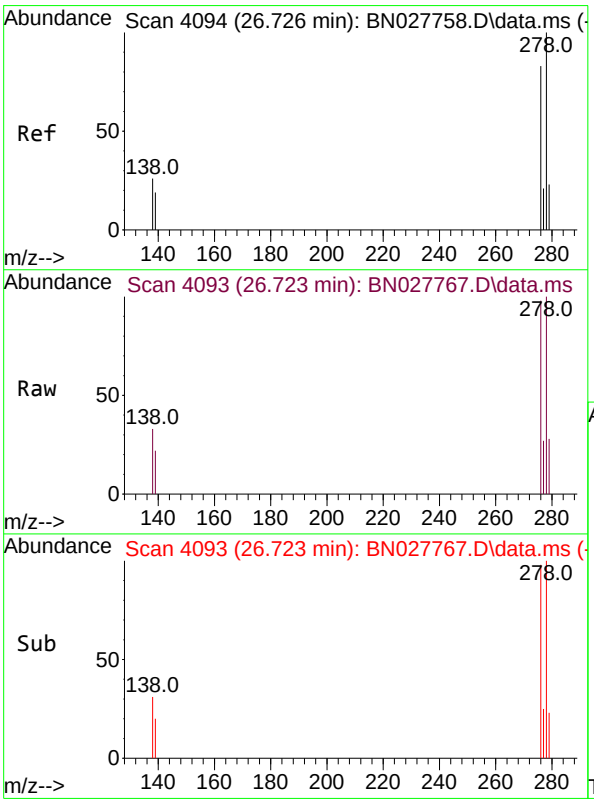
#39
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.958 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14830

Ion	Ratio	Lower	Upper
252	100		
253	29.6	22.6	33.8
125	21.4	16.5	24.7

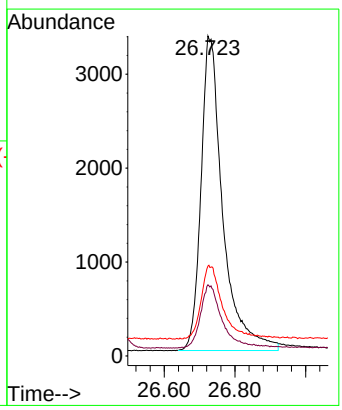


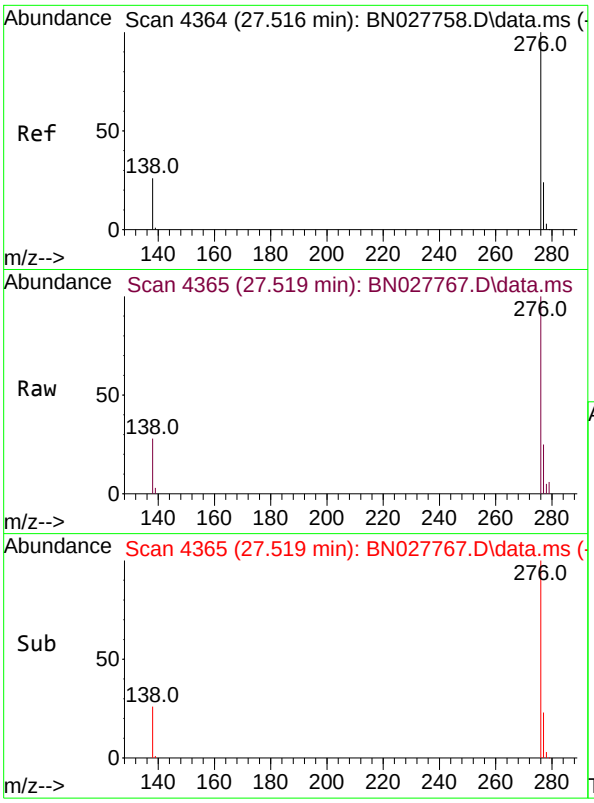


#40
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.723 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Tgt Ion:278 Resp: 14325

Ion	Ratio	Lower	Upper
278	100		
139	22.2	17.1	25.7
279	28.1	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 27.519 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027767.D
Acq: 20 Sep 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 15985

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.4	30.6
138	28.1	21.9	32.9