Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091322\
Data File : BN021727.D
Acq On : 13 Sep 2022 15:04
Operator : CG/JU
Sample : N4492-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Quant Time: Sep 14 01:01:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	5001	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	17173	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	10377	0.400	ng		0.00
19) Phenanthrene-d10	17.459	188	20443	0.400	ng		# 0.00
29) Chrysene-d12	21.655	240	13634	0.400	ng		0.00
35) Perylene-d12	24.165	264	10345	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	1780	0.182	ng		0.00
5) Phenol-d6	7.217	99	1586	0.127	ng		0.00
8) Nitrobenzene-d5	9.233	82	3800	0.328	ng		0.00
11) 2-Methylnaphthalene-d10	12.475	152	10333	0.267	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1509	0.443	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	12016	0.265	ng		0.00
27) Fluoranthene-d10	19.493	212	18861	0.359	ng		0.00
31) Terphenyl-d14	20.079	244	13003	0.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	3851	0.616	ng		98
3) n-Nitrosodimethylamine	3.743	42	845	0.150	ng		92
6) bis(2-Chloroethyl)ether	7.477	93	4440	0.283	ng		98
9) Naphthalene	10.941	128	14220	0.280	ng		98
10) Hexachlorobutadiene	11.218	225	1687	0.192	ng	#	99
12) 2-Methylnaphthalene	12.176	142	2811	0.458	ng	#	93
16) Acenaphthylene	14.429	152	13604	0.279	ng		98
17) Acenaphthene	14.771	154	9367	0.273	ng		97
18) Fluorene	15.755	166	12740	0.301	ng		100
21) 4-Bromophenyl-phenylether	16.649	248	3751	0.293	ng	#	91
22) Hexachlorobenzene	16.762	284	4037	0.258	ng		98
23) Atrazine	16.916	200	3168	0.424	ng		98
24) Pentachlorophenol	17.111	266	4116	1.080	ng		98
25) Phenanthrene	17.500	178	20826	0.295	ng		100
26) Anthracene	17.593	178	17350	0.310	ng		99
28) Fluoranthene	19.522	202	22102	0.301	ng		100
30) Pyrene	19.885	202	24975	0.344	ng		97
32) Benzo(a)anthracene	21.637	228	16151	0.340	ng		100
33) Chrysene	21.691	228	16328	0.289	ng		99
34) Bis(2-ethylhexyl)phtha...	21.548	149	11981	0.626	ng		99
36) Indeno(1,2,3-cd)pyrene	26.808	276	11850	0.254	ng		100
37) Benzo(b)fluoranthene	23.393	252	14589	0.286	ng		94
38) Benzo(k)fluoranthene	23.439	252	13497	0.263	ng	#	92
39) Benzo(a)pyrene	24.053	252	10892	0.306	ng	#	87
40) Dibenzo(a,h)anthracene	26.834	278	9771	0.260	ng		97
41) Benzo(g,h,i)perylene	27.626	276	10449	0.253	ng		96

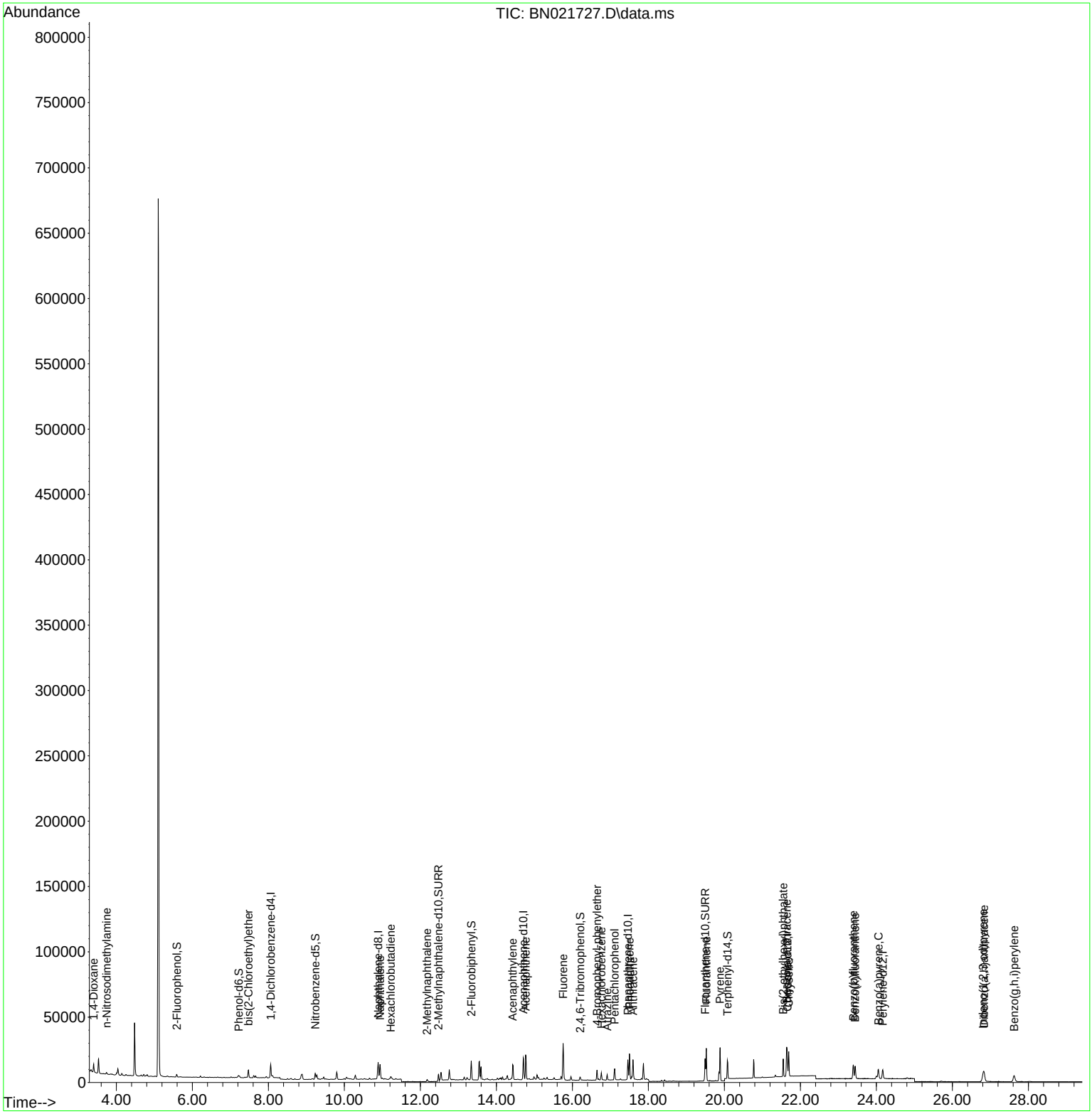
(#) = qualifier out of range (m) = manual integration (+) = signals summed

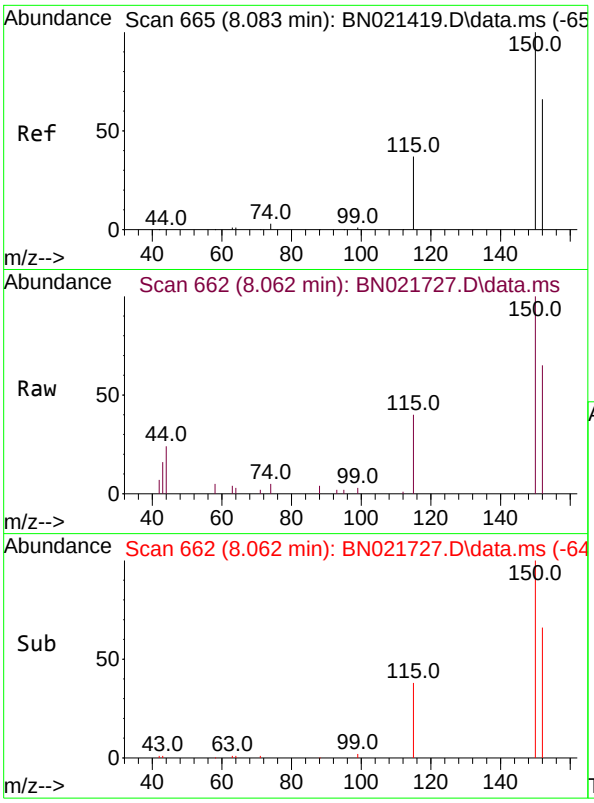
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091322\
Data File : BN021727.D
Acq On : 13 Sep 2022 15:04
Operator : CG/JU
Sample : N4492-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Quant Time: Sep 14 01:01:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration



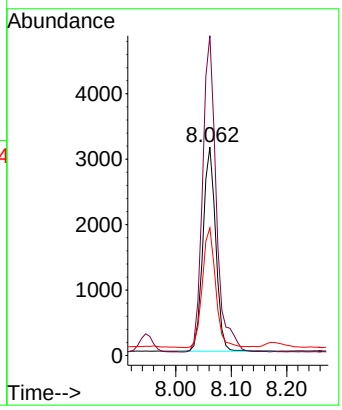


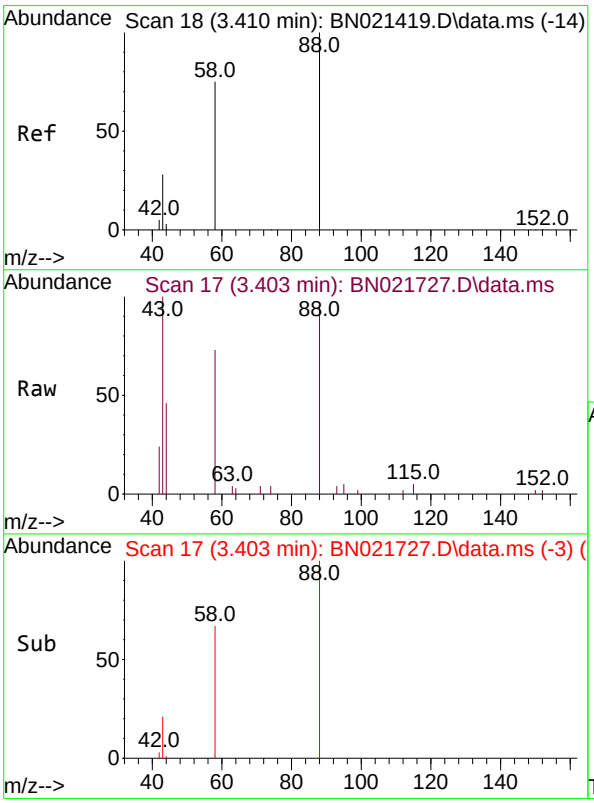
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:152 Resp: 5001

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.4	182.0
115	61.3	48.6	72.8

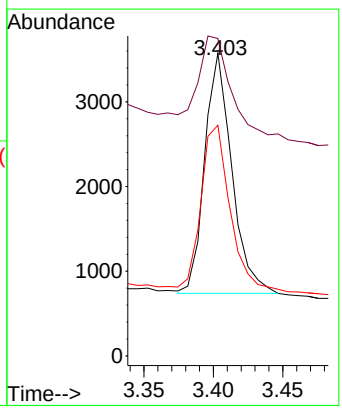


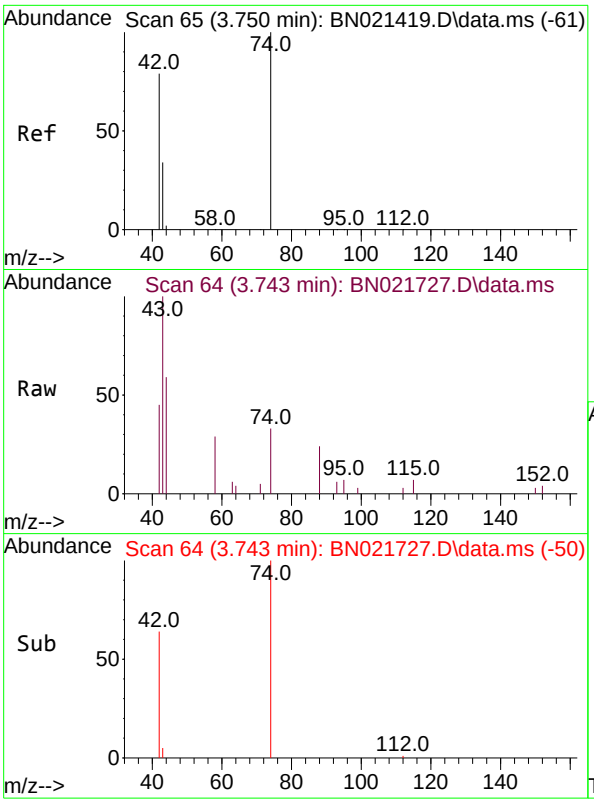


#2
1,4-Dioxane
Concen: 0.616 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion: 88 Resp: 3851

Ion	Ratio	Lower	Upper
88	100		
43	48.6	35.8	53.8
58	71.4	57.1	85.7



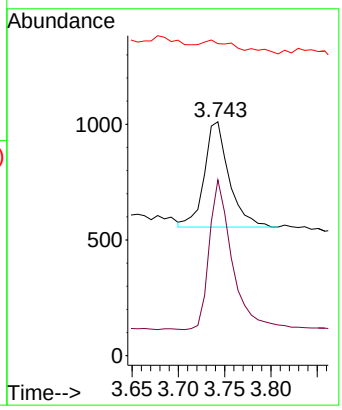


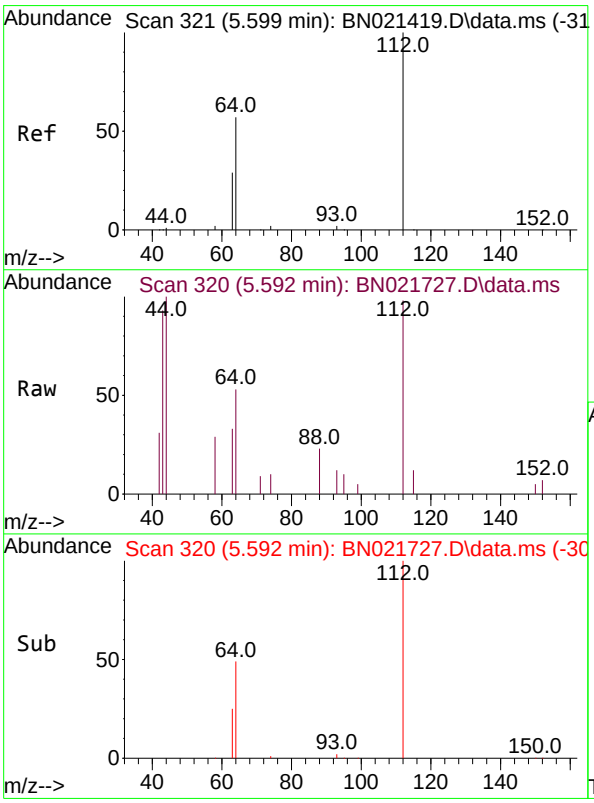
#3
n-Nitrosodimethylamine
Concen: 0.150 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion: 42 Resp: 845

Ion	Ratio	Lower	Upper
42	100		
74	132.0	113.0	169.6
44	10.5	10.5	15.7

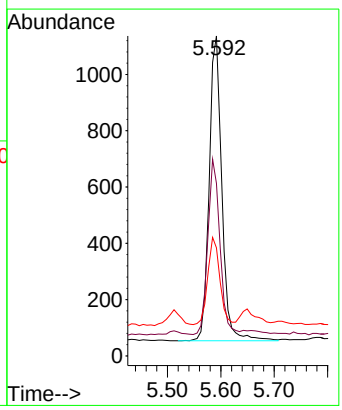


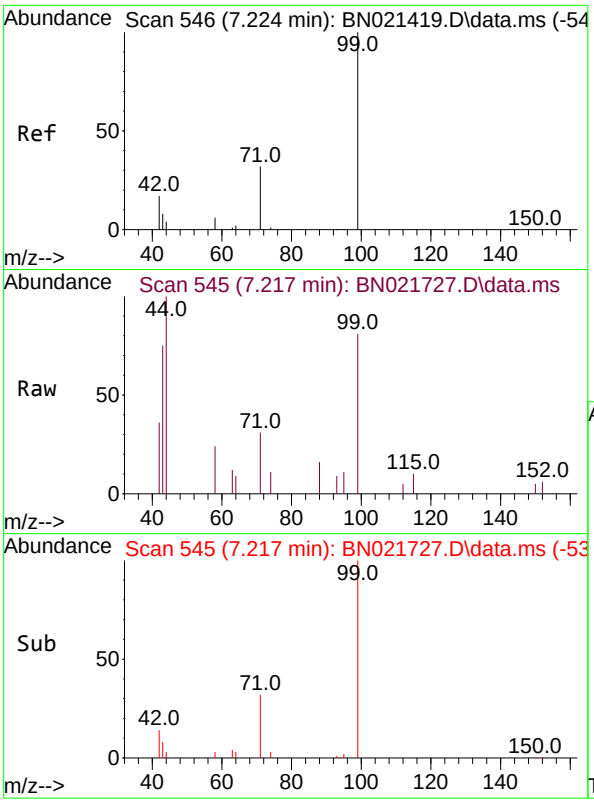


#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:112 Resp: 1780

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.5	65.3
63	27.2	22.6	34.0



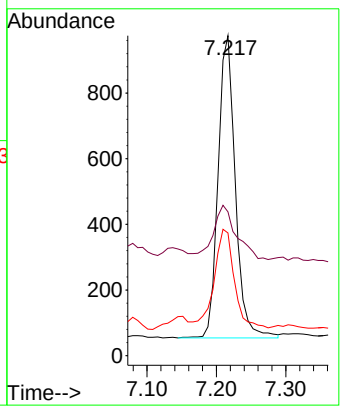


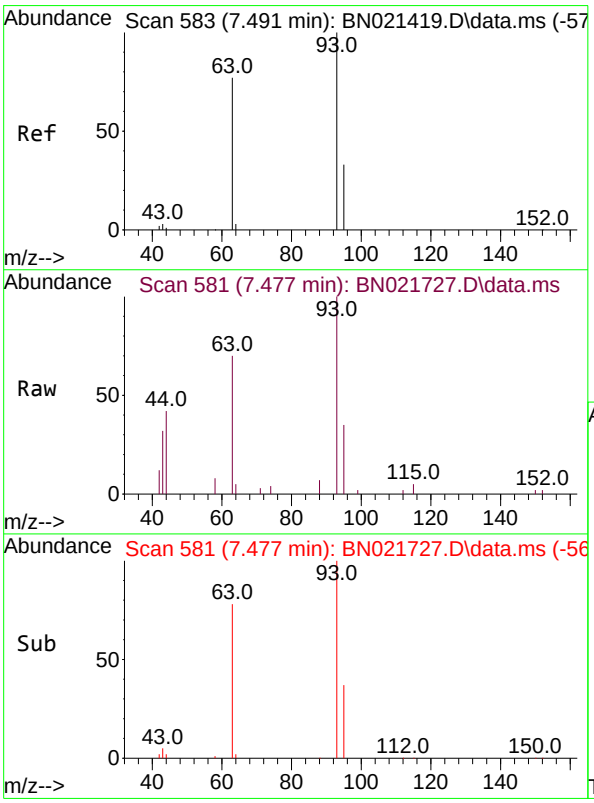
#5
Phenol-d6
Concen: 0.127 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion: 99 Resp: 1586

Ion	Ratio	Lower	Upper
99	100		
42	24.0	15.5	23.3#
71	37.6	24.2	36.2#

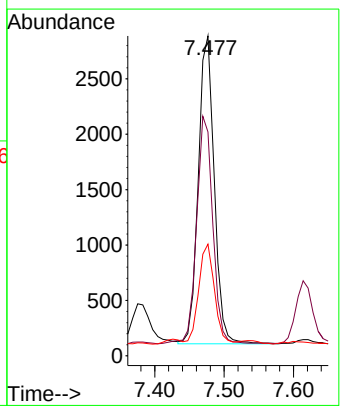


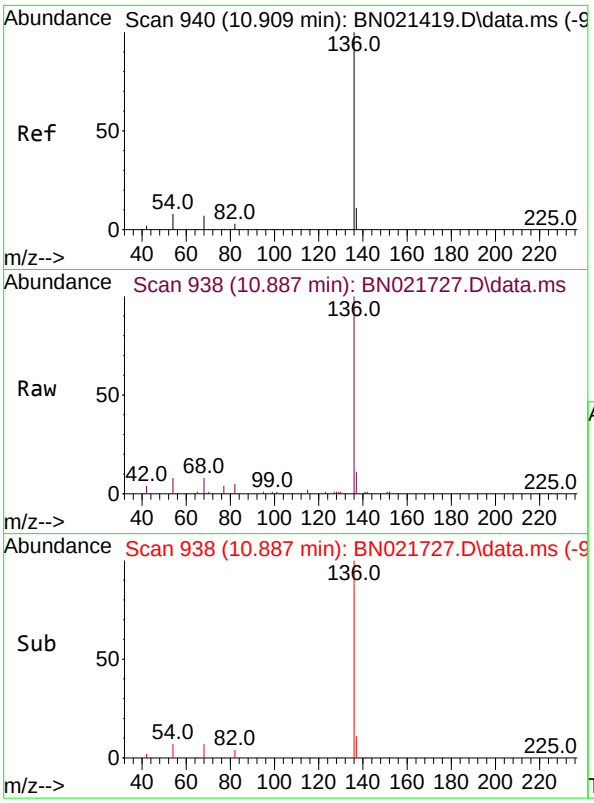


#6
bis(2-Chloroethyl)ether
Concen: 0.283 ng
RT: 7.477 min Scan# 581
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion: 93 Resp: 4440

Ion	Ratio	Lower	Upper
93	100		
63	75.0	57.8	86.8
95	32.0	25.9	38.9



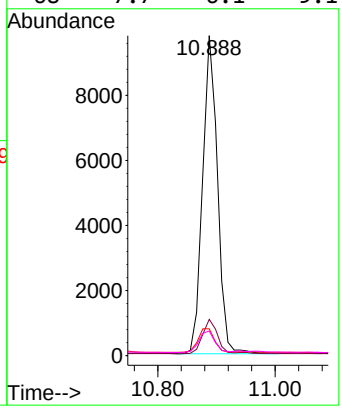


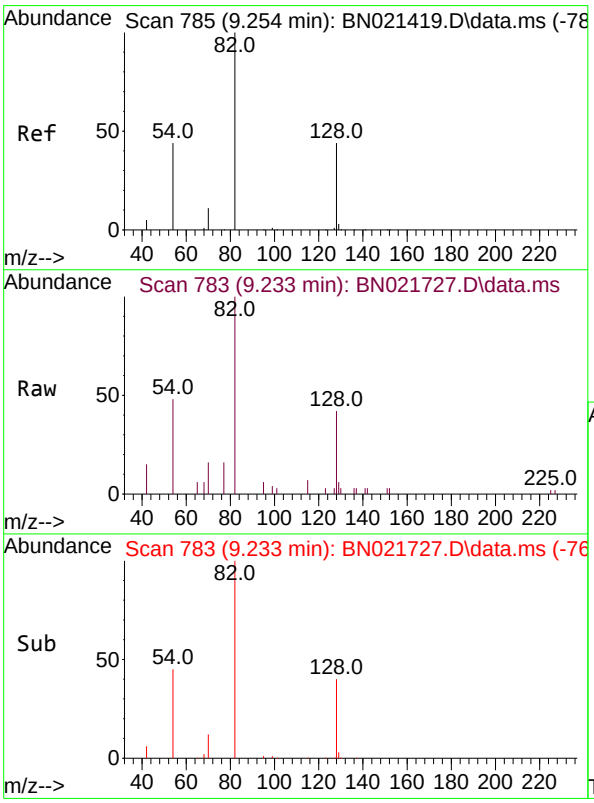
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:136 Resp: 17173

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.4	6.9	10.3
68	7.7	6.1	9.1

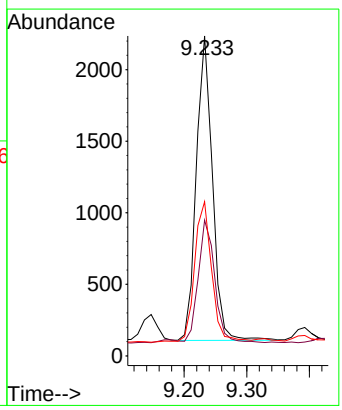


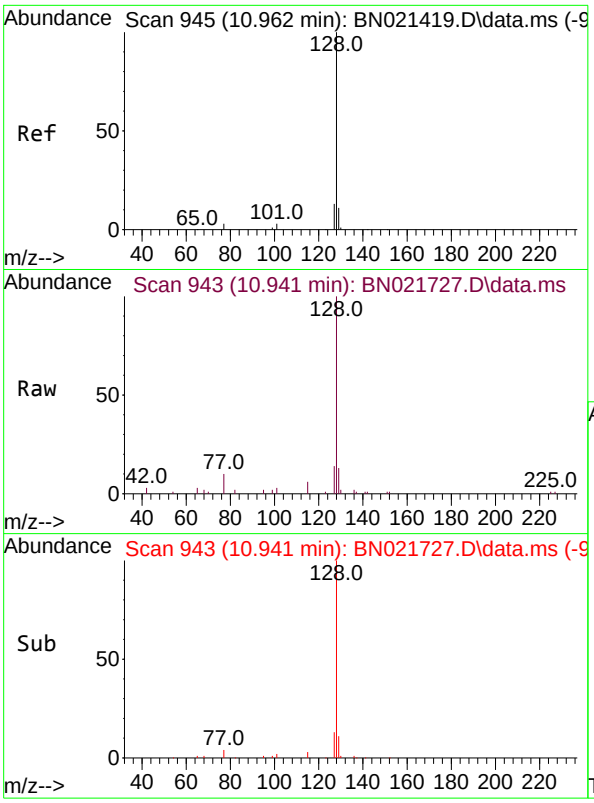


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion: 82 Resp: 3800

Ion	Ratio	Lower	Upper
82	100		
128	42.4	30.9	46.3
54	48.2	42.7	64.1



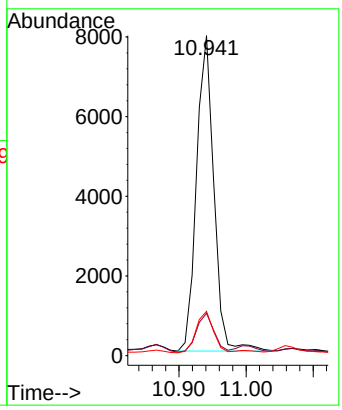


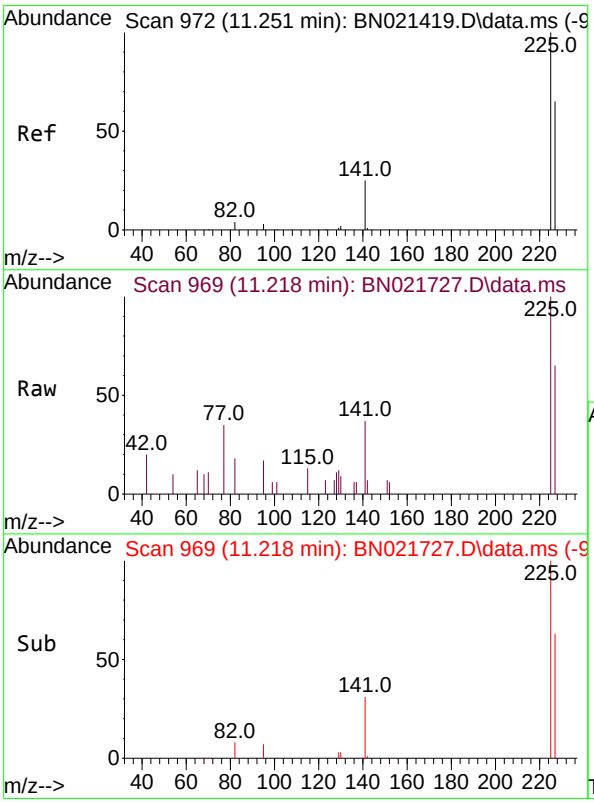
#9
Naphthalene
Concen: 0.280 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:128 Resp: 14220

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.3	13.9
127	13.8	11.0	16.4

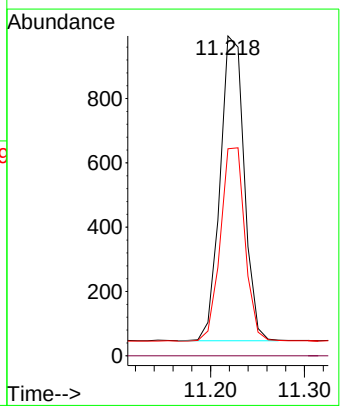


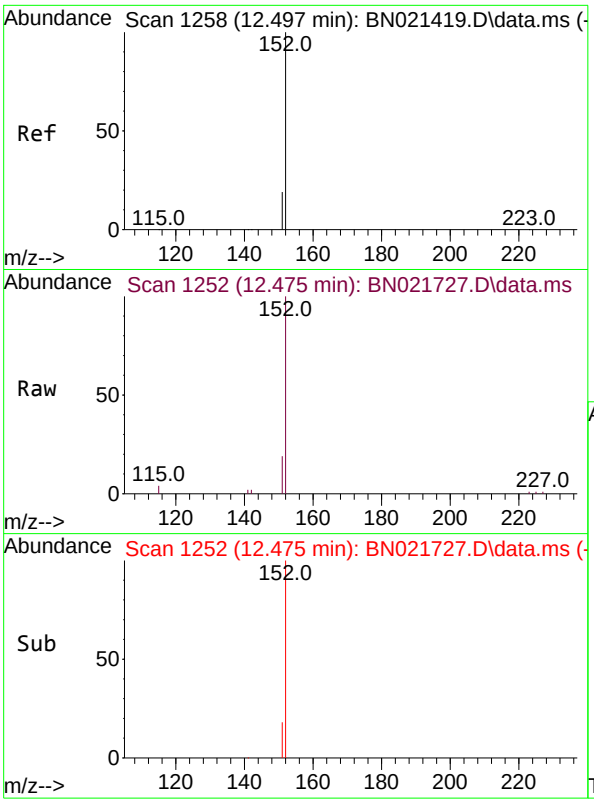


#10
Hexachlorobutadiene
Concen: 0.192 ng
RT: 11.218 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:225 Resp: 1687

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.2	76.8



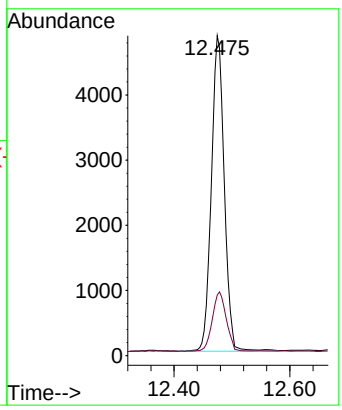


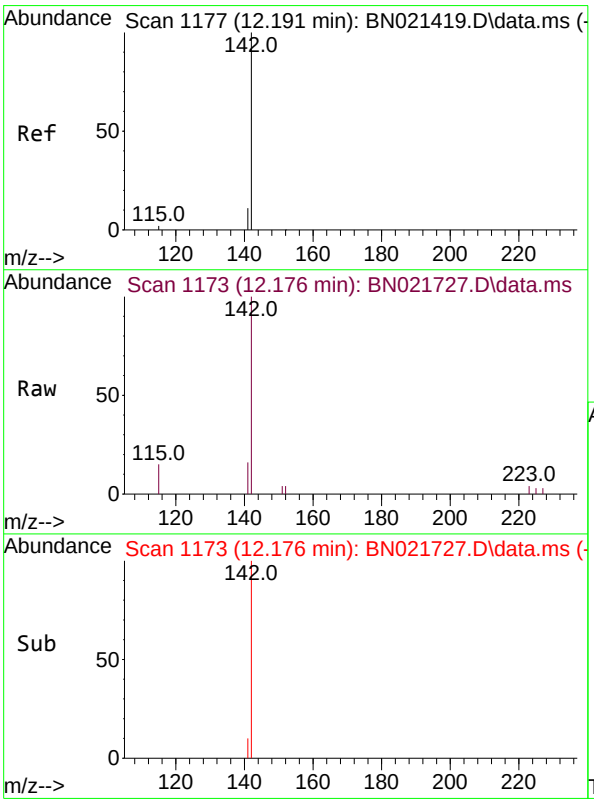
#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:152 Resp: 10333

Ion	Ratio	Lower	Upper
152	100		
151	16.9	14.5	21.7

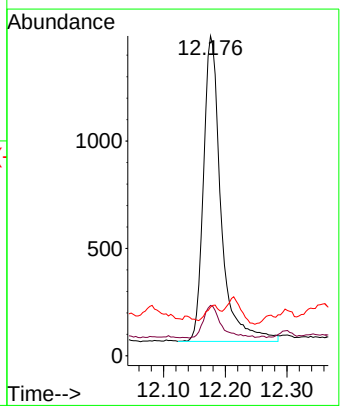


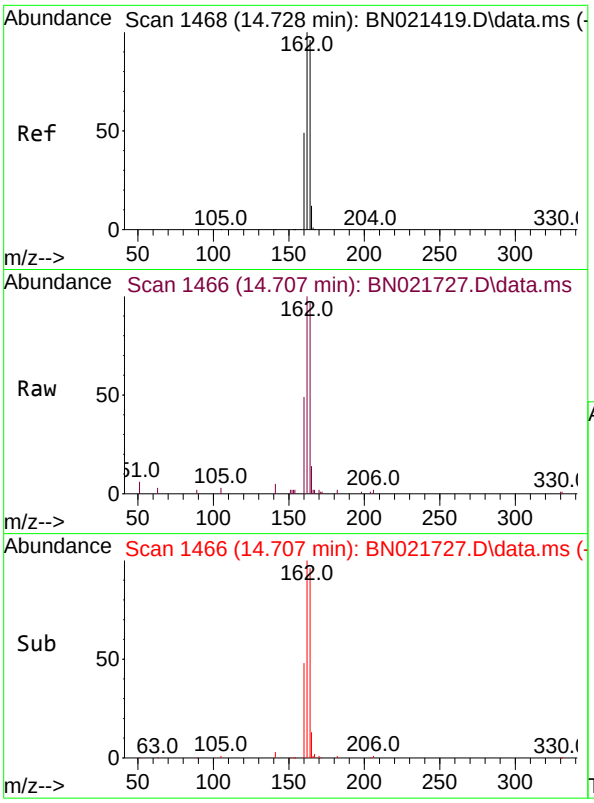


#12
2-Methylnaphthalene
Concen: 0.458 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:142 Resp: 2811

Ion	Ratio	Lower	Upper
142	100		
141	15.8	12.2	18.2
115	15.2	7.9	11.9#



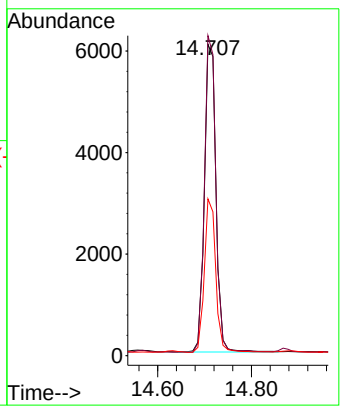


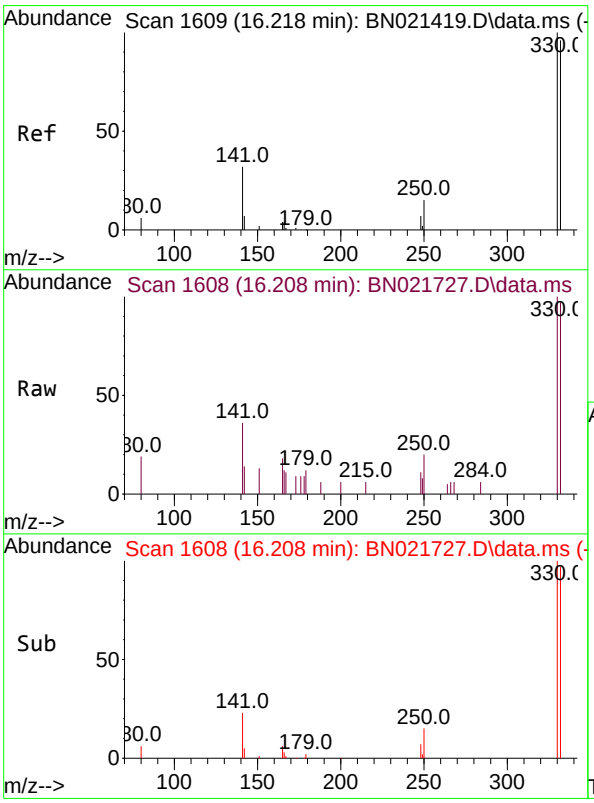
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:164 Resp: 10377

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	50.4	39.5	59.3

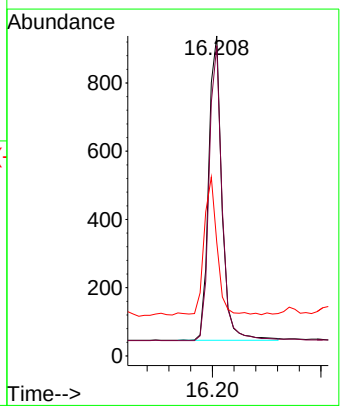


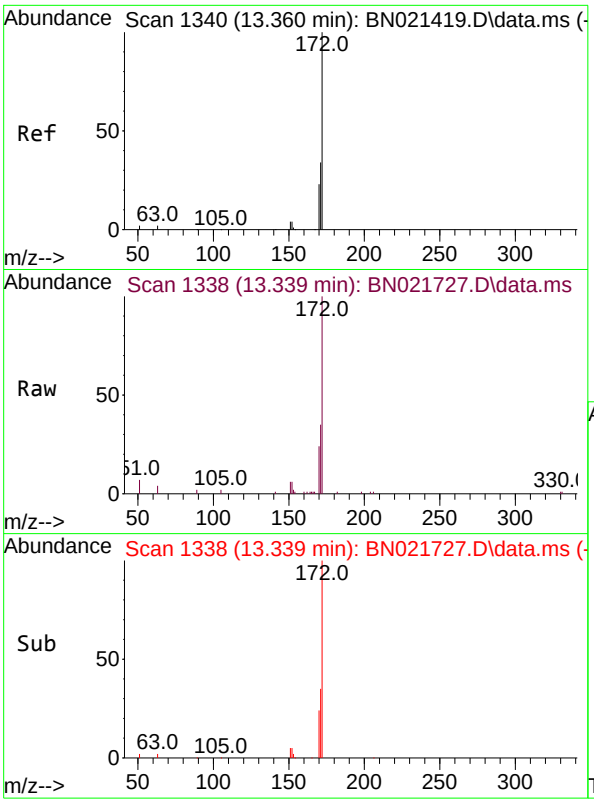


#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:330 Resp: 1509

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.3	118.9
141	44.8	37.1	55.7



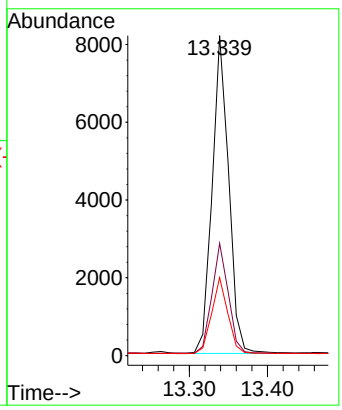


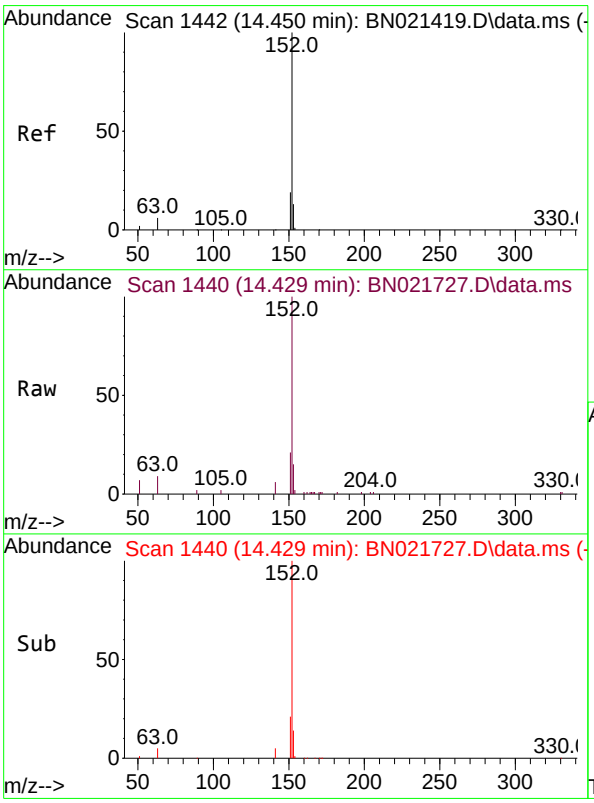
#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:172 Resp: 12016

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	24.4	18.6	28.0

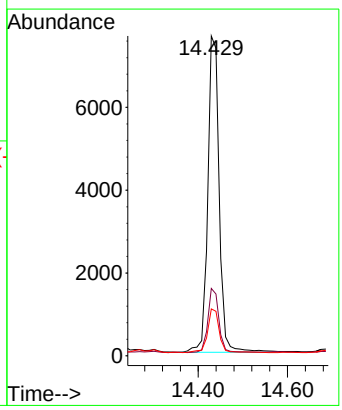


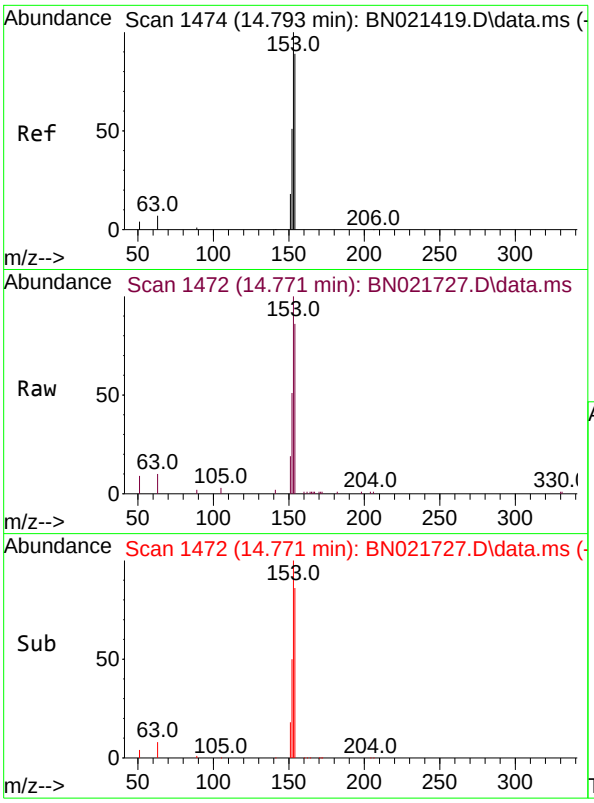


#16
Acenaphthylene
Concen: 0.279 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:152 Resp: 13604

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	14.2	10.3	15.5



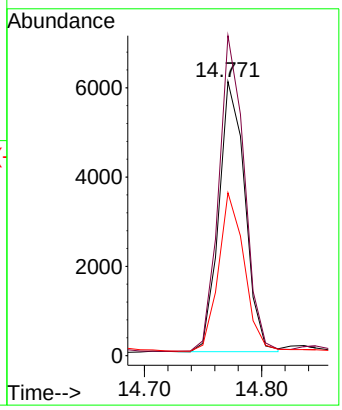


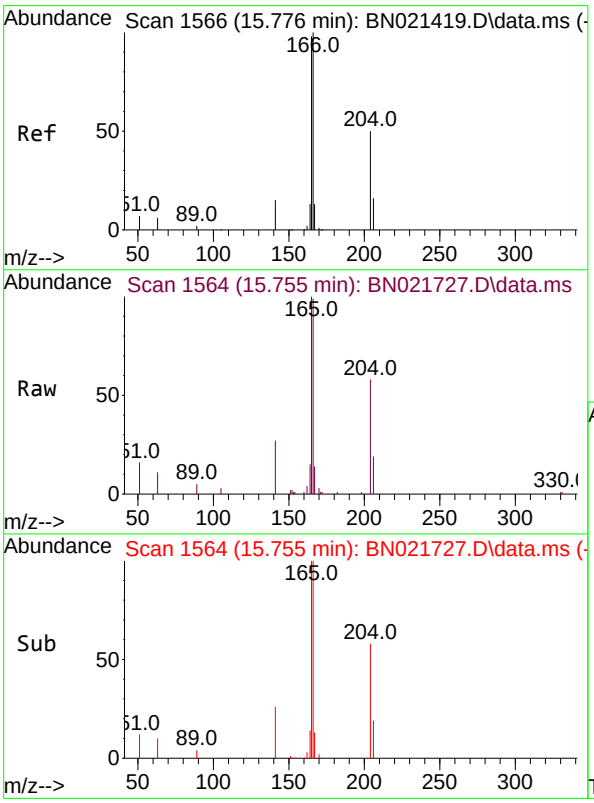
#17
Acenaphthene
Concen: 0.273 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:154 Resp: 9367

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.5	134.3
152	58.7	45.5	68.3

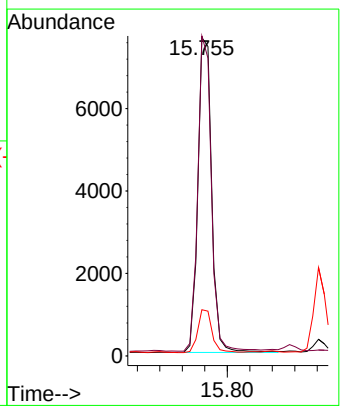


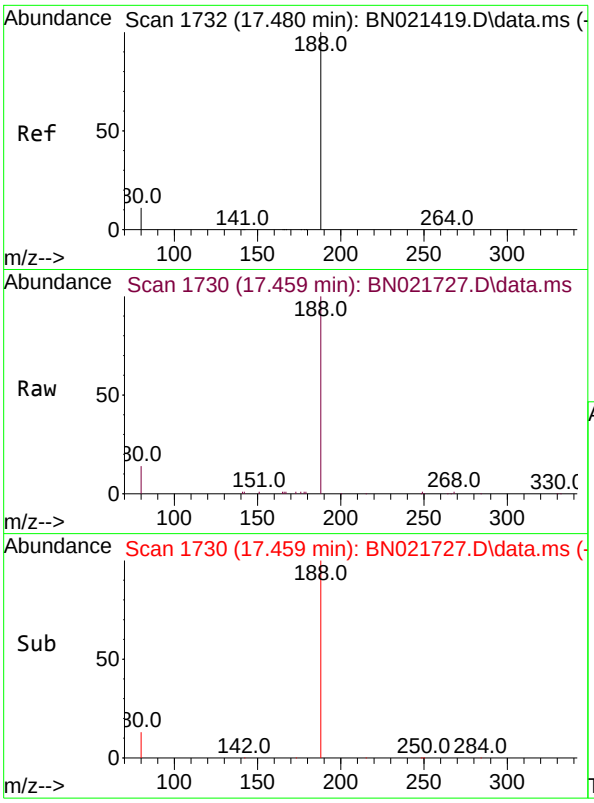


#18
Fluorene
Concen: 0.301 ng
RT: 15.755 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:166 Resp: 12740

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	14.3	10.6	16.0





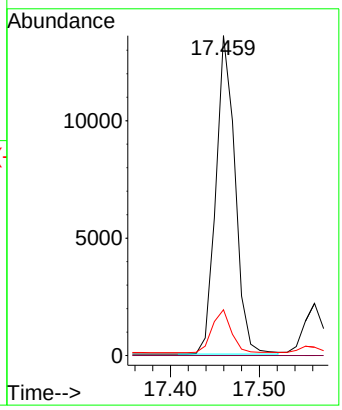
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1

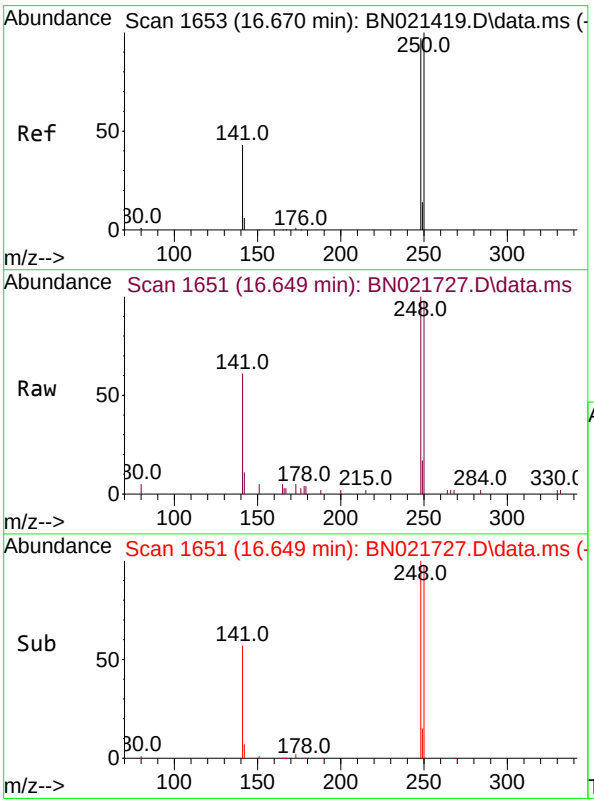
Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:188 Resp: 20443

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	9.5	14.3#

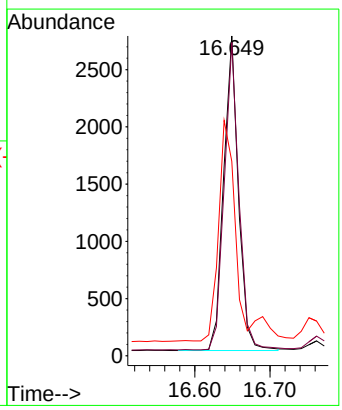


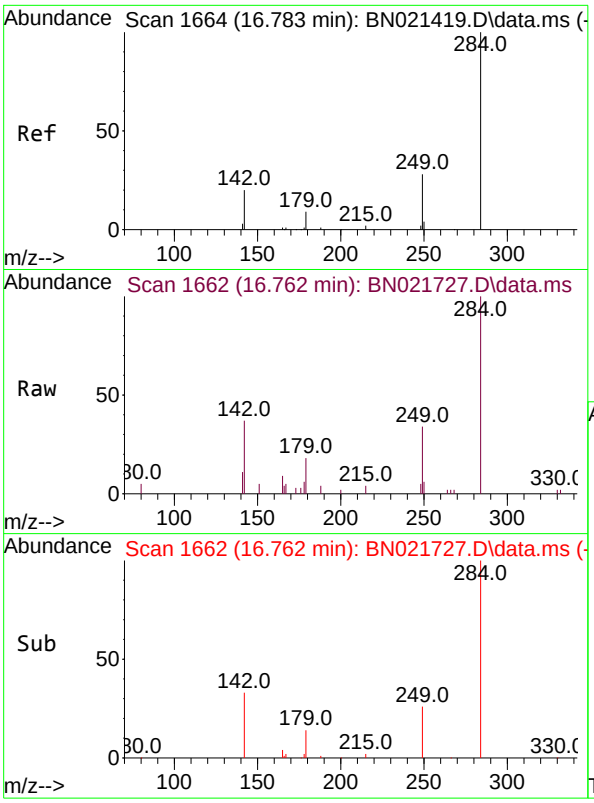


#21
4-Bromophenyl-phenylether
Concen: 0.293 ng
RT: 16.649 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:248 Resp: 3751

Ion	Ratio	Lower	Upper
248	100		
250	97.9	81.8	122.6
141	60.8	38.5	57.7#



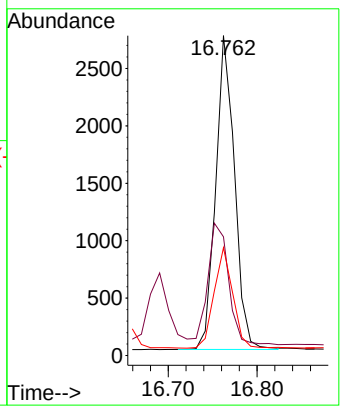


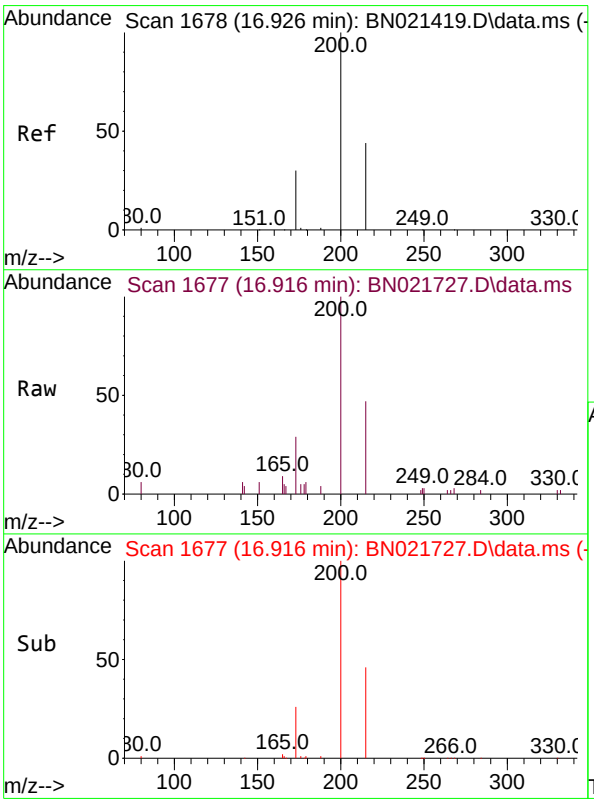
#22
Hexachlorobenzene
Concen: 0.258 ng
RT: 16.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:284 Resp: 4037

Ion	Ratio	Lower	Upper
284	100		
142	42.7	32.3	48.5
249	31.6	25.4	38.2

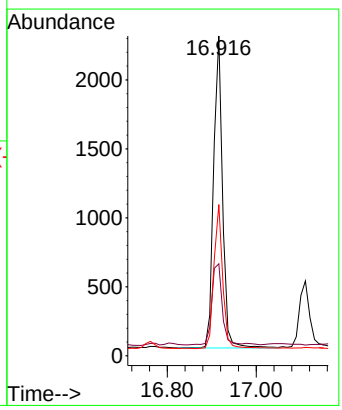


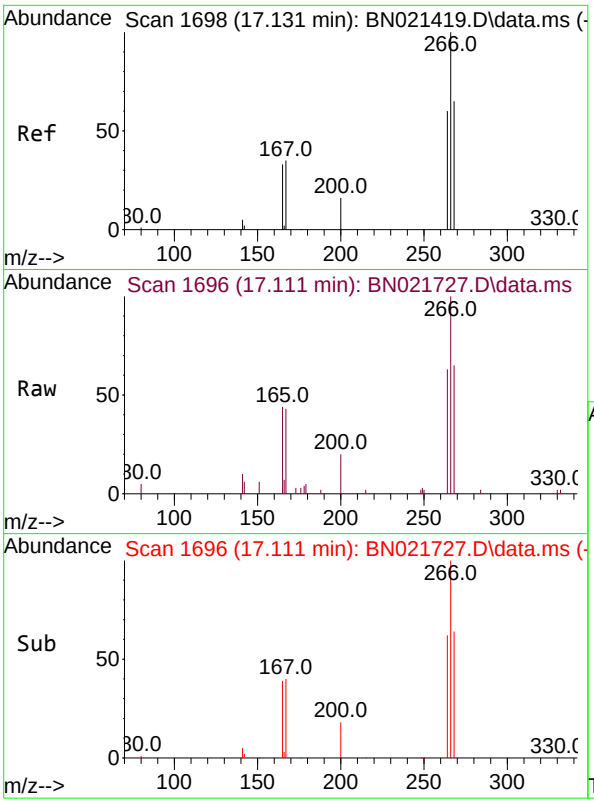


#23
Atrazine
Concen: 0.424 ng
RT: 16.916 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:200 Resp: 3168

Ion	Ratio	Lower	Upper
200	100		
173	28.8	24.3	36.5
215	47.3	38.4	57.6



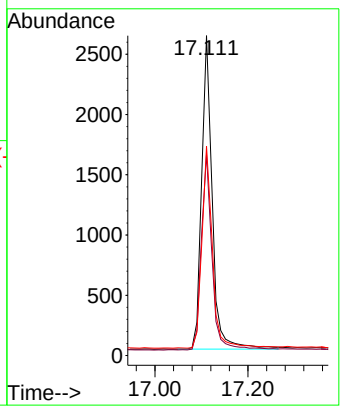


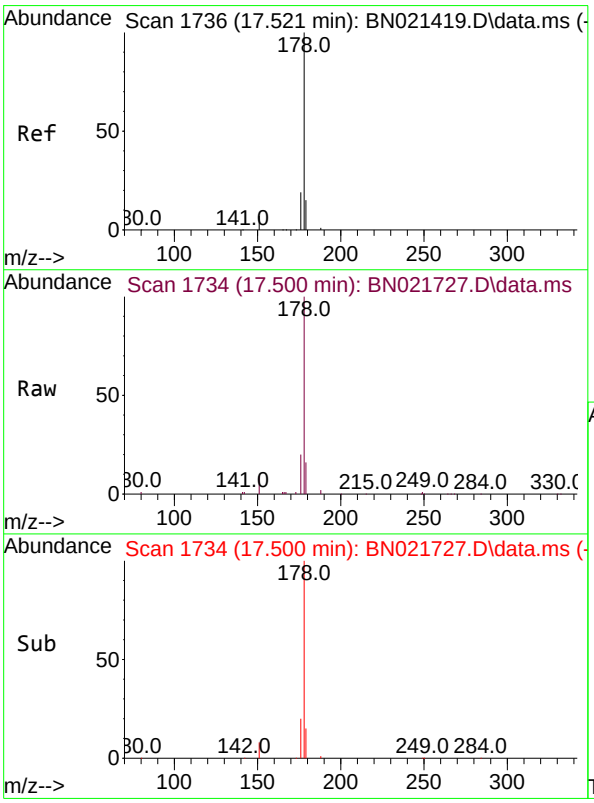
#24
Pentachlorophenol
Concen: 1.080 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:266 Resp: 4116

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.0	73.6
268	64.5	50.9	76.3

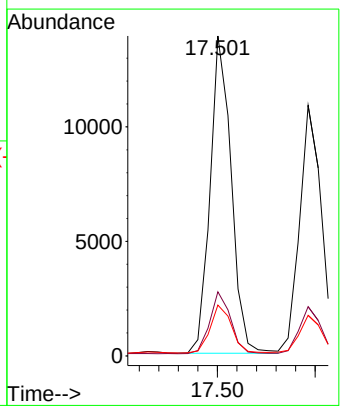


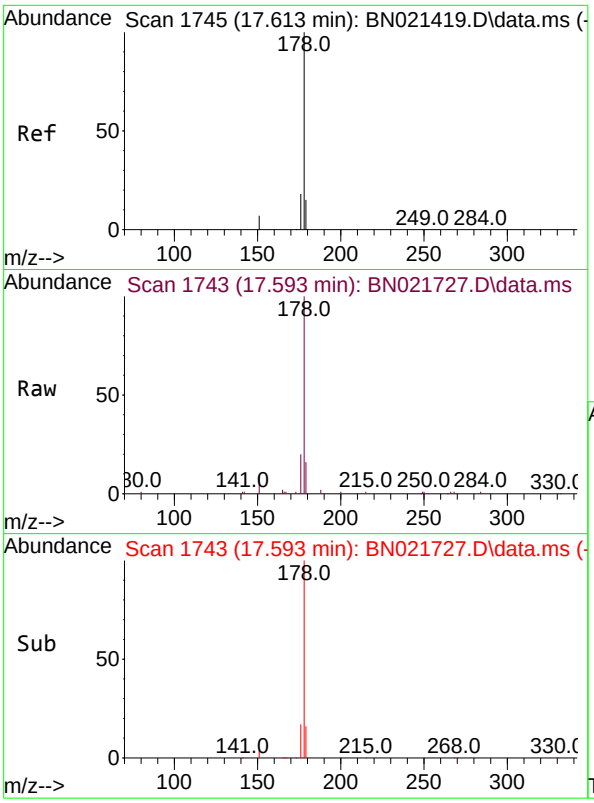


#25
Phenanthrene
Concen: 0.295 ng
RT: 17.500 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:178 Resp: 20826

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.3	12.2	18.4



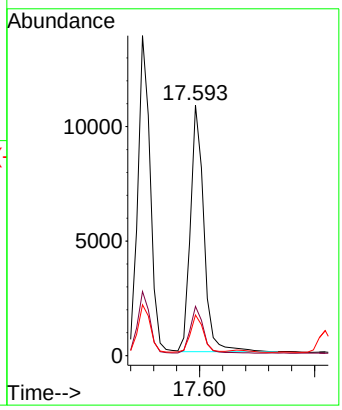


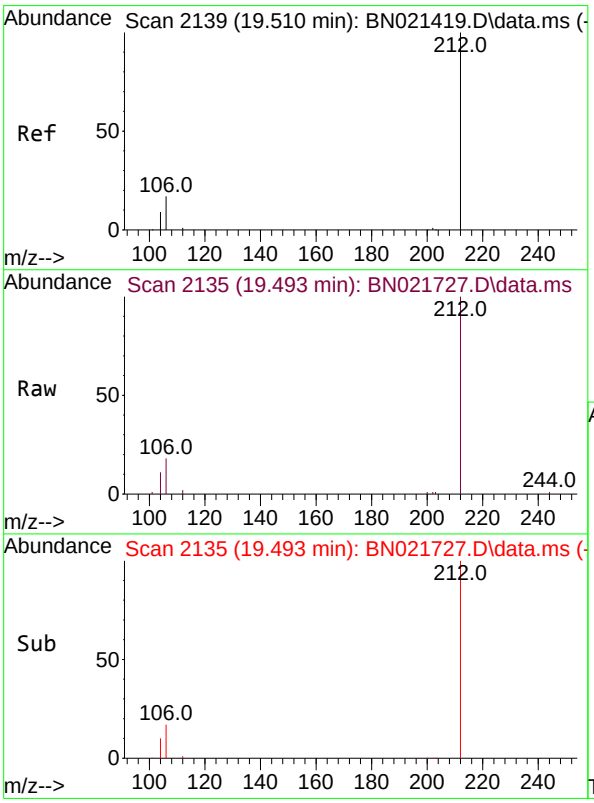
#26
Anthracene
Concen: 0.310 ng
RT: 17.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:178 Resp: 17350

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	14.6	12.2	18.2

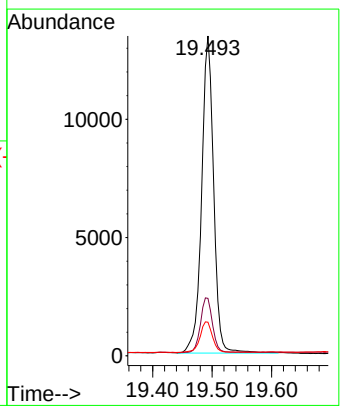


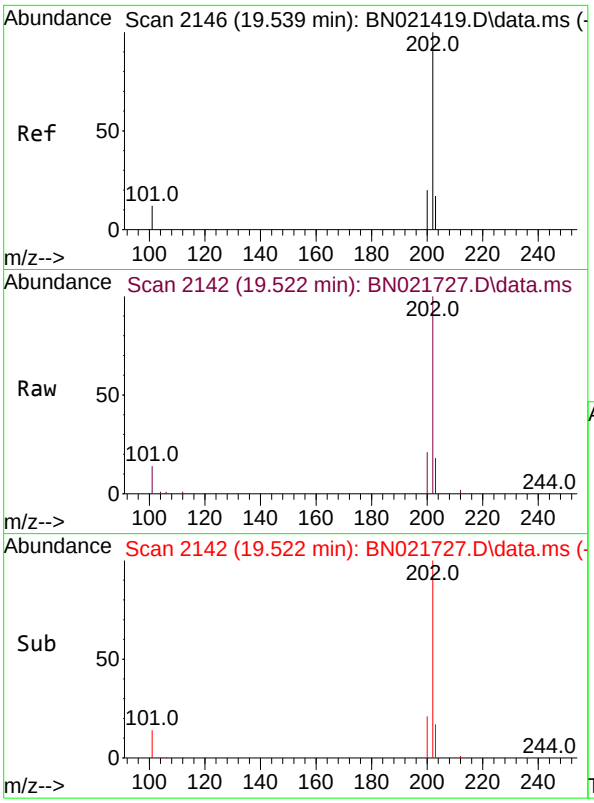


#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:212 Resp: 18861

Ion	Ratio	Lower	Upper
212	100		
106	17.2	14.2	21.2
104	9.9	7.8	11.6



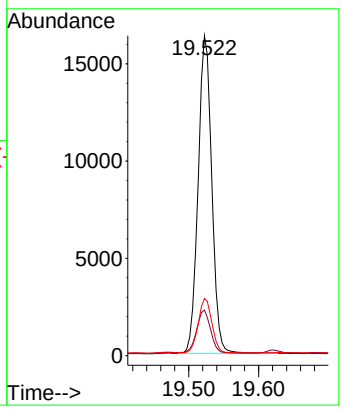


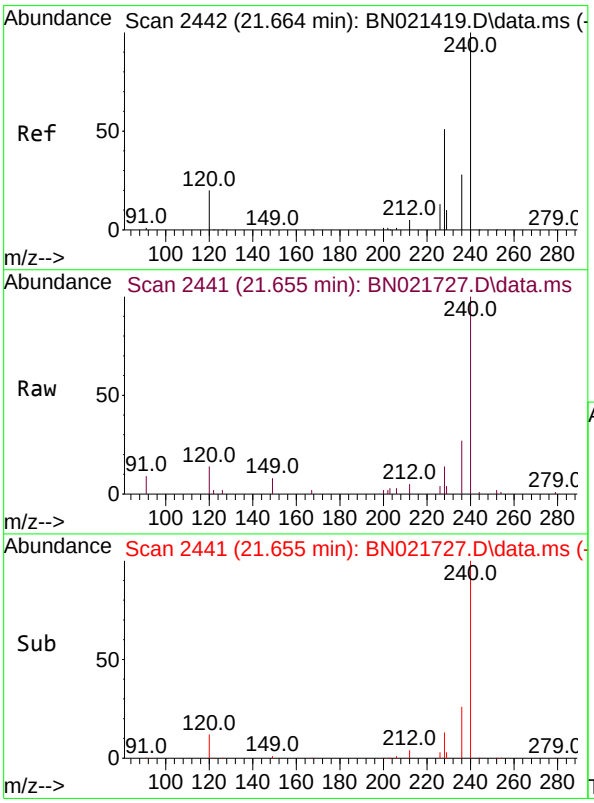
#28
Fluoranthene
Concen: 0.301 ng
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:202 Resp: 22102

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
203	17.2	13.8	20.6

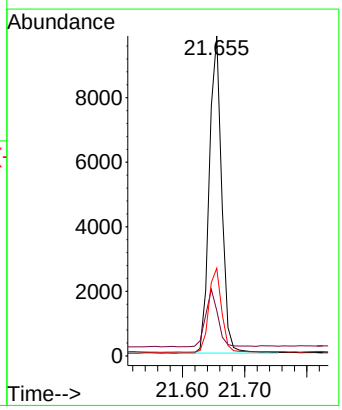


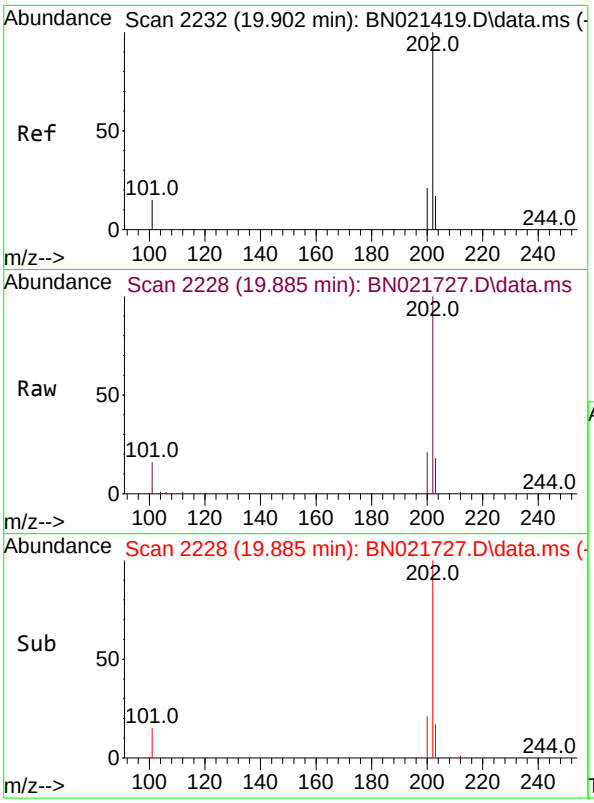


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:240 Resp: 13634

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.2	15.4
236	27.4	22.1	33.1



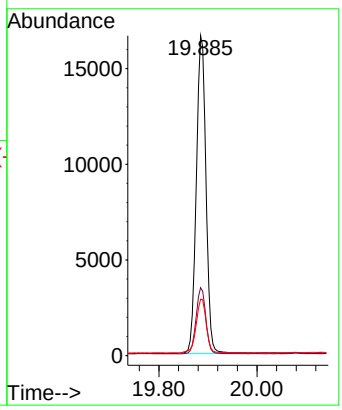


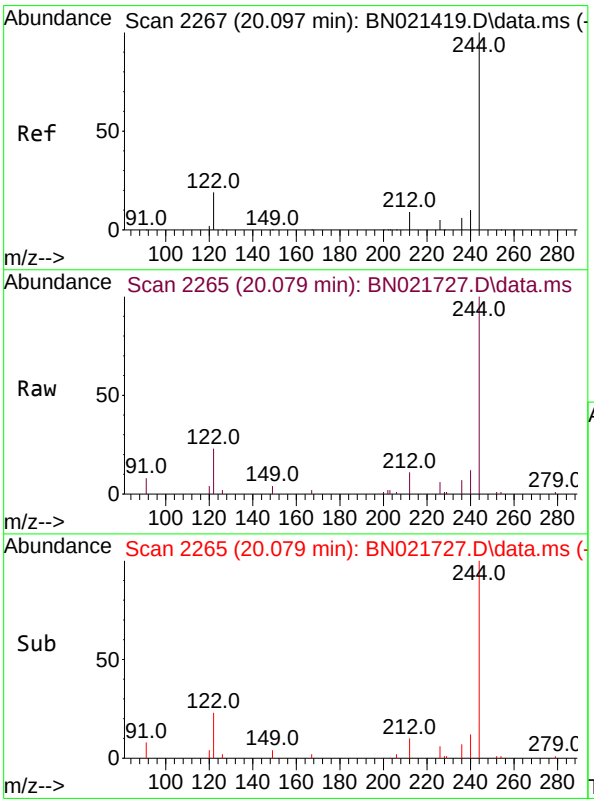
#30
Pyrene
Concen: 0.344 ng
RT: 19.885 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:202 Resp: 24975

Ion	Ratio	Lower	Upper
202	100		
200	18.9	13.9	20.9
203	16.0	11.9	17.9

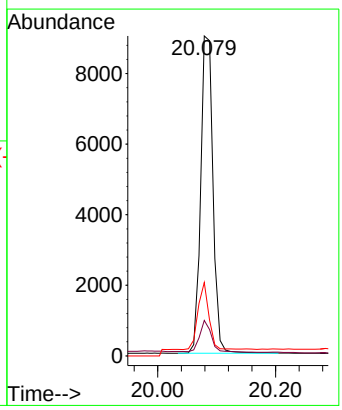


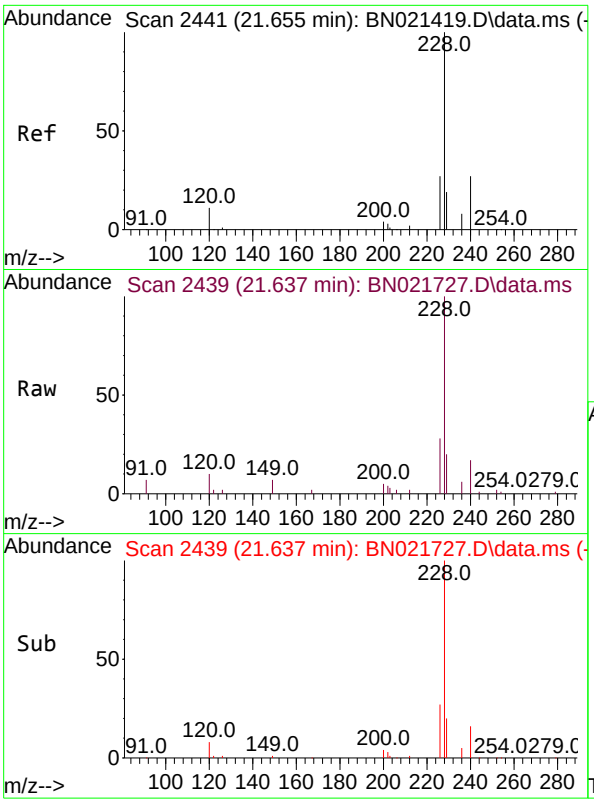


#31
Terphenyl-d14
Concen: 0.424 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:244 Resp: 13003

Ion	Ratio	Lower	Upper
244	100		
212	11.1	6.5	9.7#
122	22.9	9.1	13.7#



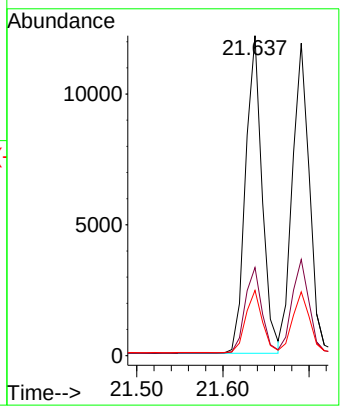


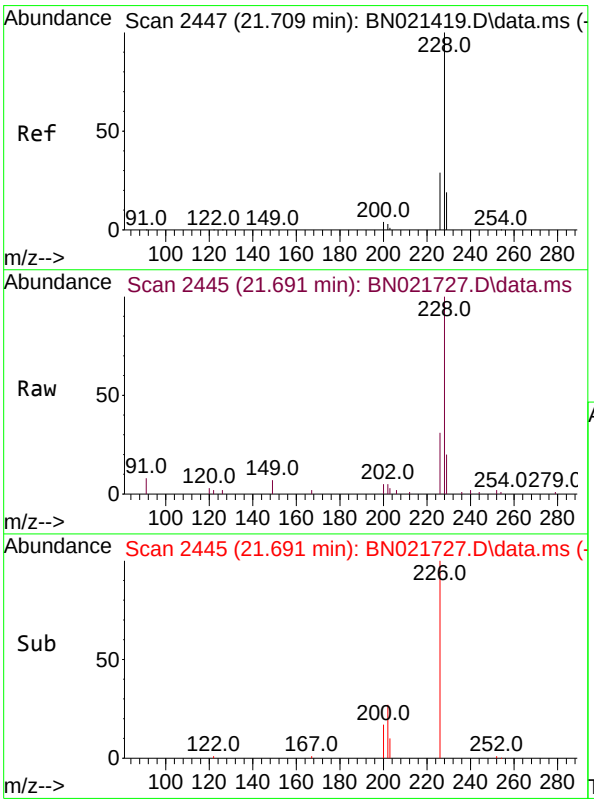
#32
Benzo(a)anthracene
Concen: 0.340 ng
RT: 21.637 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:228 Resp: 16151

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	20.4	15.9	23.9

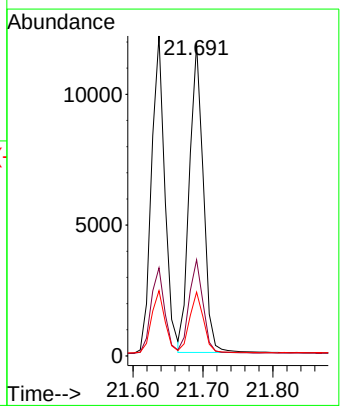


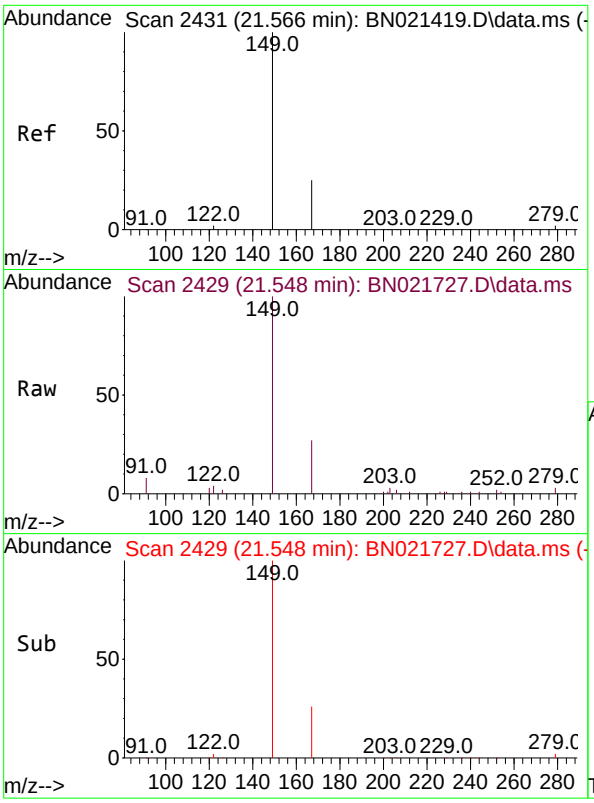


#33
Chrysene
Concen: 0.289 ng
RT: 21.691 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:228 Resp: 16328

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.4	15.9	23.9



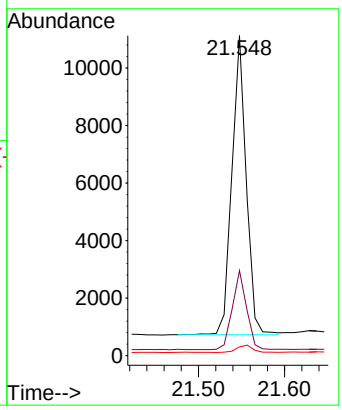


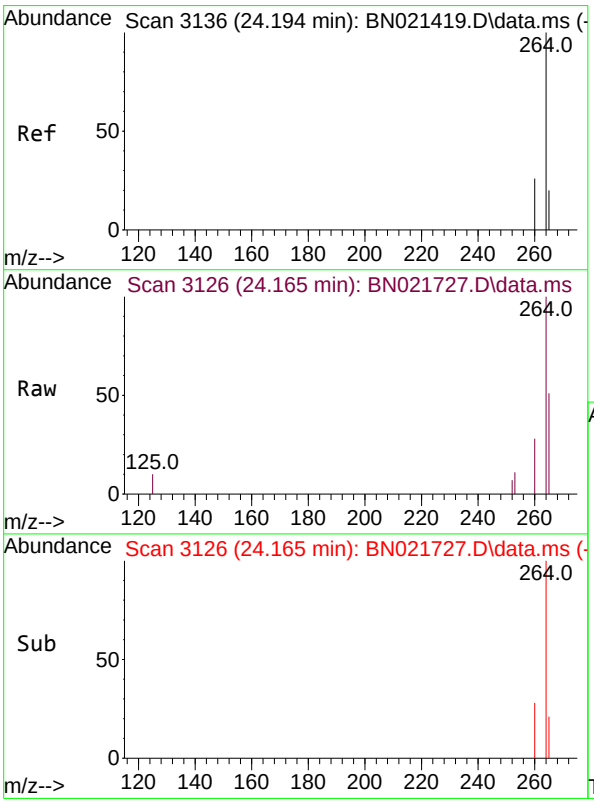
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.626 ng
RT: 21.548 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:149 Resp: 11981

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.4	32.0
279	2.7	2.2	3.2

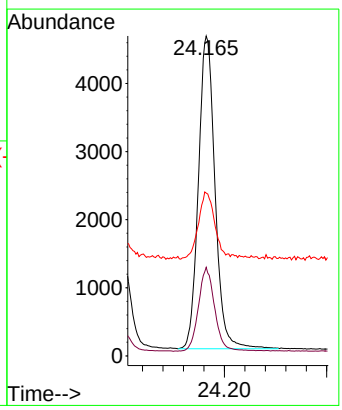


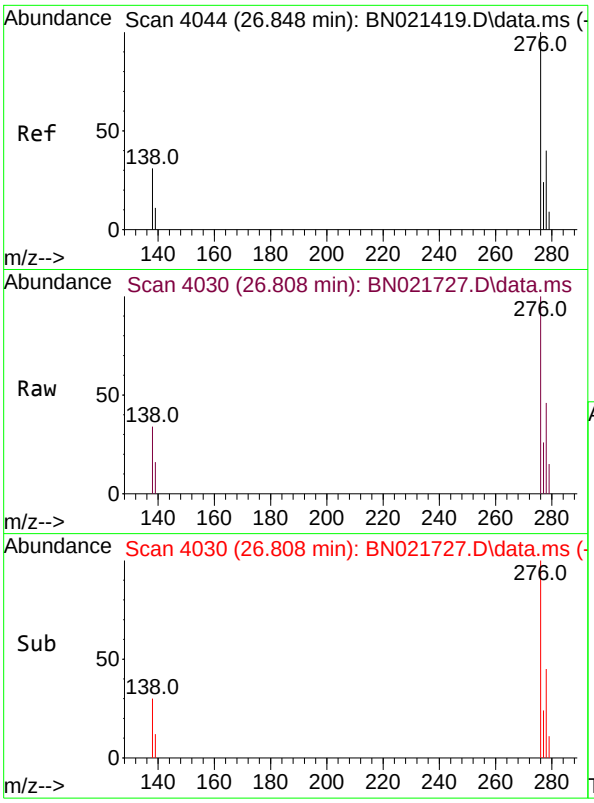


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.165 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:264 Resp: 10345

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.0	31.6
265	50.9	32.2	48.2#



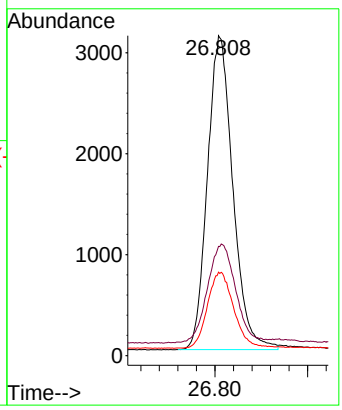


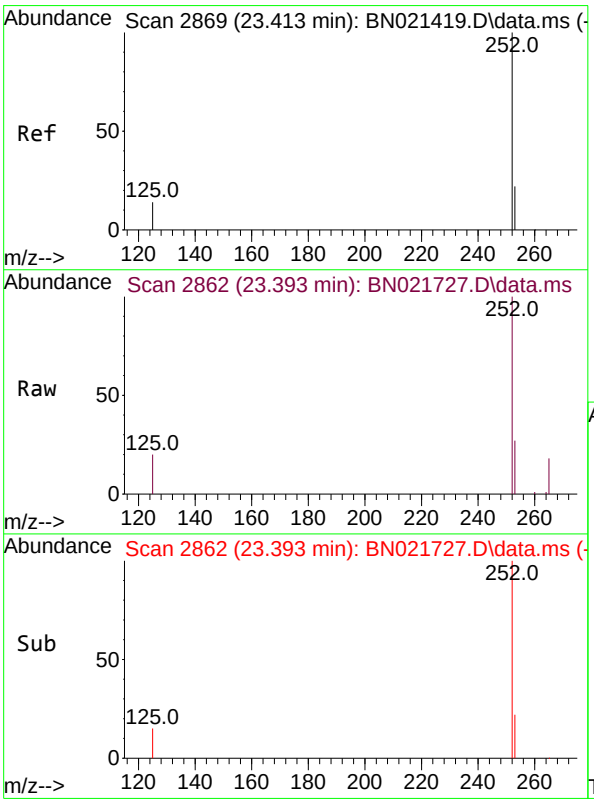
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng
RT: 26.808 min Scan# 40
Delta R.T. -0.009 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:276 Resp: 11850

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.4	41.2
277	24.9	19.9	29.9

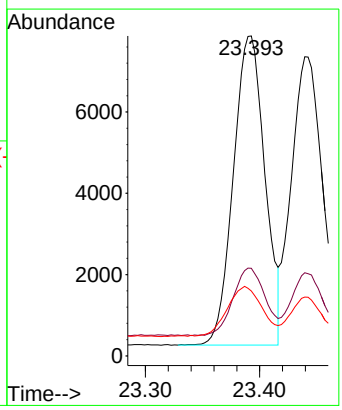


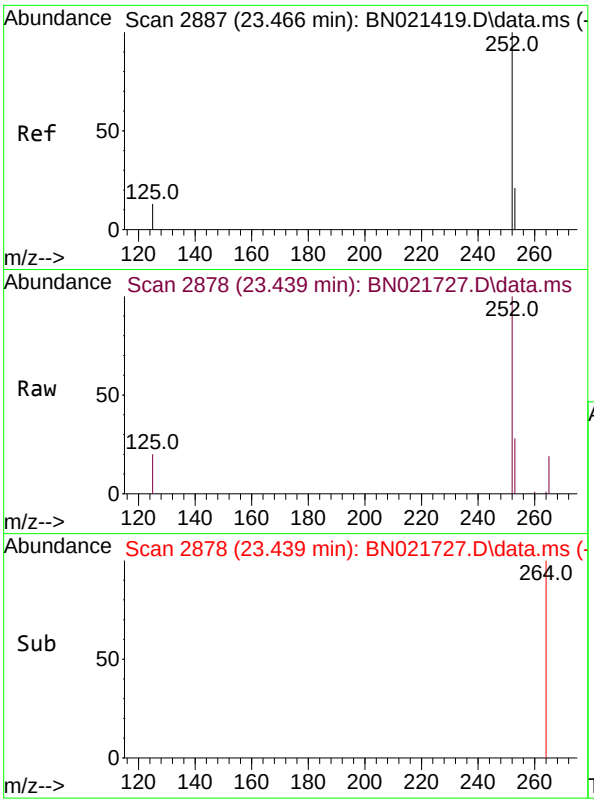


#37
Benzo(b)fluoranthene
Concen: 0.286 ng
RT: 23.393 min Scan# 2862
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:252 Resp: 14589

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.8	29.6
125	20.3	13.7	20.5



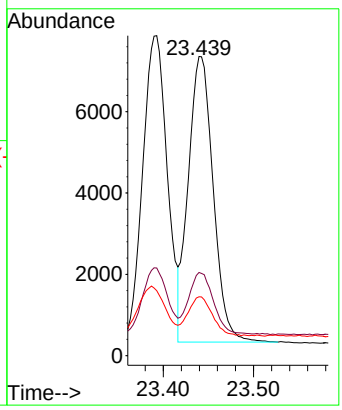


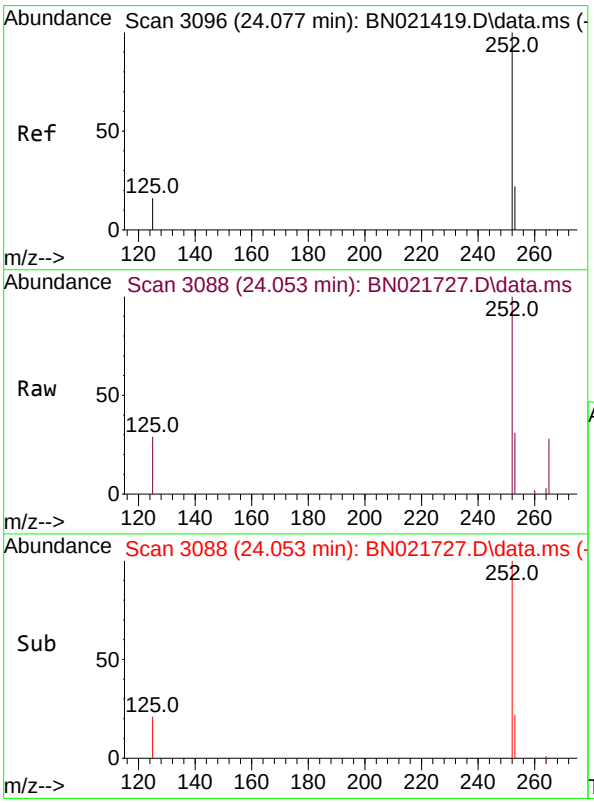
#38
Benzo(k)fluoranthene
Concen: 0.263 ng
RT: 23.439 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:252 Resp: 13497

Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.5	29.3
125	19.7	12.3	18.5#

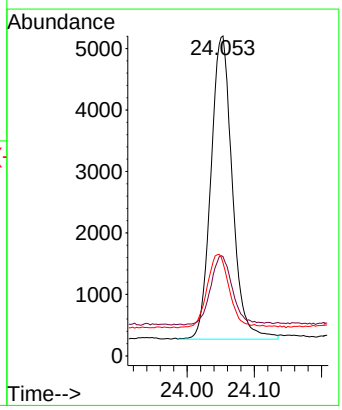


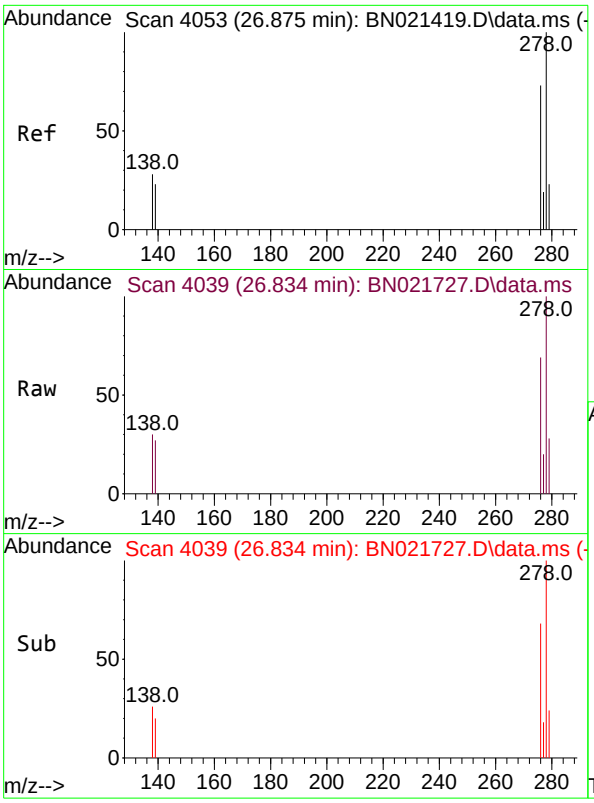


#39
Benzo(a)pyrene
Concen: 0.306 ng
RT: 24.053 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:252 Resp: 10892

Ion	Ratio	Lower	Upper
252	100		
253	31.0	21.1	31.7
125	29.1	16.6	25.0#



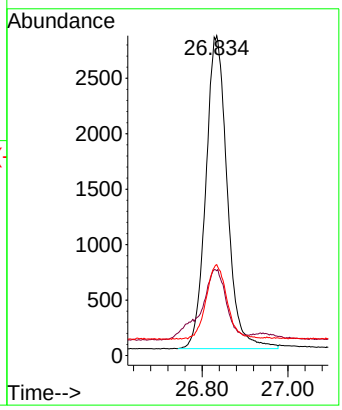


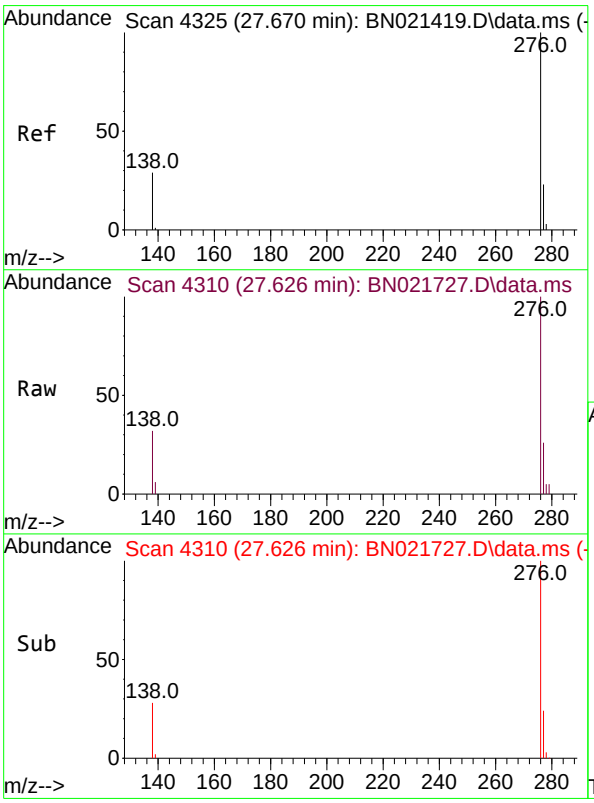
#40
Dibenzo(a,h)anthracene
Concen: 0.260 ng
RT: 26.834 min Scan# 40
Delta R.T. -0.003 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MSD

Tgt Ion:278 Resp: 9771

Ion	Ratio	Lower	Upper
278	100		
139	26.5	21.8	32.6
279	28.4	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.253 ng
RT: 27.626 min Scan# 4310
Delta R.T. -0.003 min
Lab File: BN021727.D
Acq: 13 Sep 2022 15:04

Tgt Ion:276 Resp: 10449

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.7	29.5
138	32.2	23.7	35.5