Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021267.D
Acq On : 17 Aug 2022 00:04
Operator : CG/JU
Sample : PB146758BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Quant Time: Aug 17 05:16:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.783	152	4111	0.400	ng		0.00
7) Naphthalene-d8	10.581	136	12548	0.400	ng		0.00
13) Acenaphthene-d10	14.429	164	8015	0.400	ng		0.00
19) Phenanthrene-d10	17.182	188	15749	0.400	ng		0.00
29) Chrysene-d12	21.386	240	9740	0.400	ng		0.00
35) Perylene-d12	23.714	264	7819	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	3549	0.346	ng		0.00
5) Phenol-d6	6.974	99	4373	0.365	ng		0.00
8) Nitrobenzene-d5	8.948	82	3152	0.405	ng		-0.01
11) 2-Methylnaphthalene-d10	12.179	152	8811	0.403	ng		0.00
14) 2,4,6-Tribromophenol	15.941	330	771	0.294	ng		0.00
15) 2-Fluorobiphenyl	13.060	172	12344	0.387	ng		0.00
27) Fluoranthene-d10	19.223	212	15213	0.356	ng		0.00
31) Terphenyl-d14	19.830	244	10200	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	1936	0.338	ng		93
3) n-Nitrosodimethylamine	3.587	42	1628	0.414	ng	#	98
6) bis(2-Chloroethyl)ether	7.220	93	4035	0.399	ng		95
9) Naphthalene	10.624	128	14248	0.375	ng		100
10) Hexachlorobutadiene	10.912	225	2610	0.384	ng	#	100
12) 2-Methylnaphthalene	12.255	142	10460	0.404	ng		99
16) Acenaphthylene	14.151	152	12975	0.337	ng		99
17) Acenaphthene	14.493	154	9744	0.368	ng		100
18) Fluorene	15.487	166	12053	0.358	ng		100
20) 4,6-Dinitro-2-methylph...	15.615	198	359	0.394	ng		89
21) 4-Bromophenyl-phenylether	16.382	248	3360	0.348	ng	#	88
22) Hexachlorobenzene	16.495	284	3940	0.362	ng		98
23) Atrazine	16.659	200	1921	0.309	ng		98
24) Pentachlorophenol	16.854	266	574	0.234	ng		97
25) Phenanthrene	17.223	178	18813	0.359	ng		99
26) Anthracene	17.326	178	14435	0.330	ng		99
28) Fluoranthene	19.252	202	19394	0.354	ng		99
30) Pyrene	19.615	202	19217	0.383	ng		100
32) Benzo(a)anthracene	21.368	228	9904	0.313	ng		99
33) Chrysene	21.422	228	15216	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.305	149	7363	0.340	ng		100
36) Indeno(1,2,3-cd)pyrene	26.123	276	10709	0.310	ng		94
37) Benzo(b)fluoranthene	23.009	252	11392	0.349	ng		97
38) Benzo(k)fluoranthene	23.056	252	11793	0.358	ng		98
39) Benzo(a)pyrene	23.614	252	9908	0.364	ng	#	89
40) Dibenzo(a,h)anthracene	26.140	278	7981	0.298	ng		97
41) Benzo(g,h,i)perylene	26.857	276	8690	0.280	ng		98

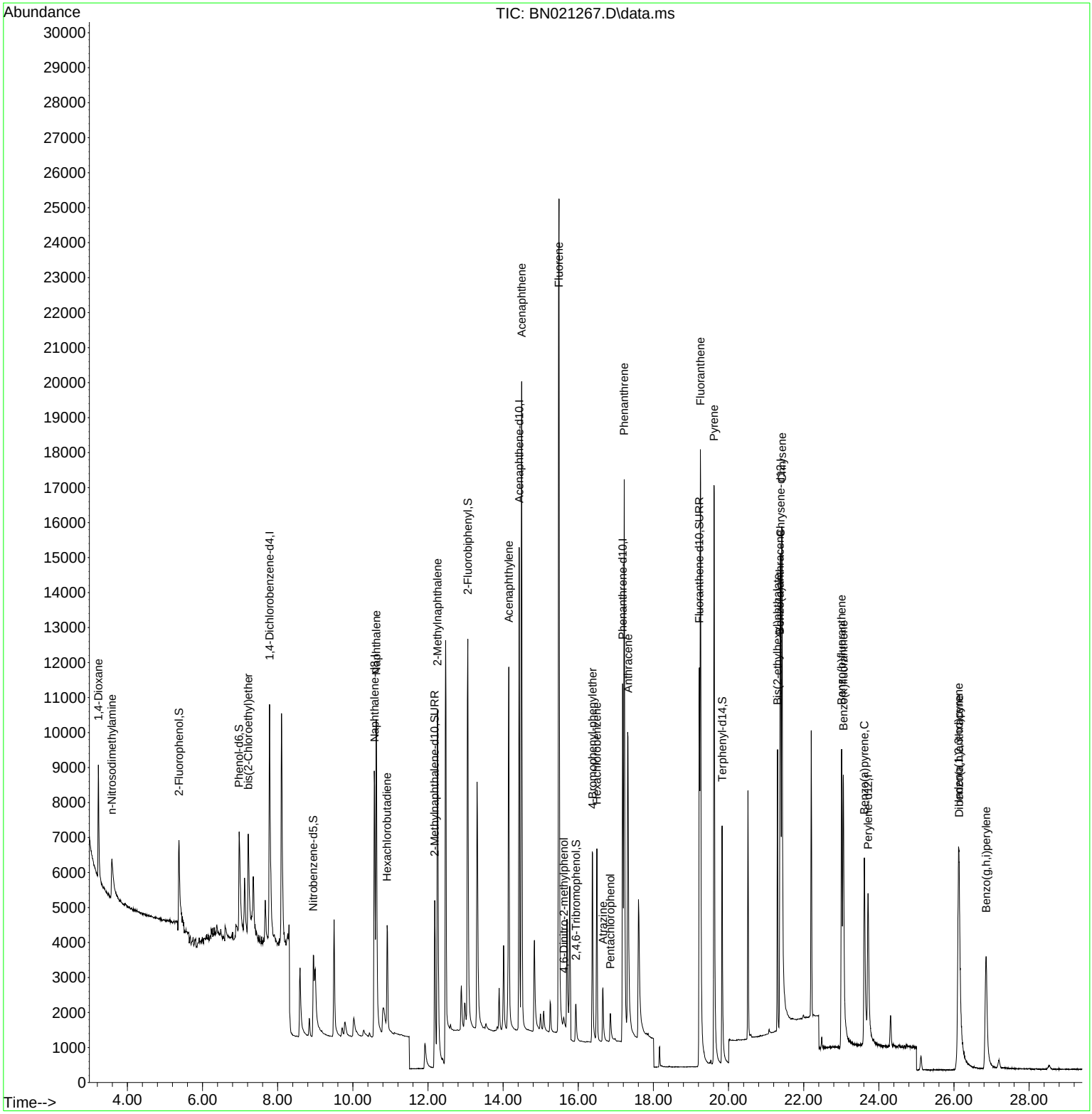
(#) = qualifier out of range (m) = manual integration (+) = signals summed

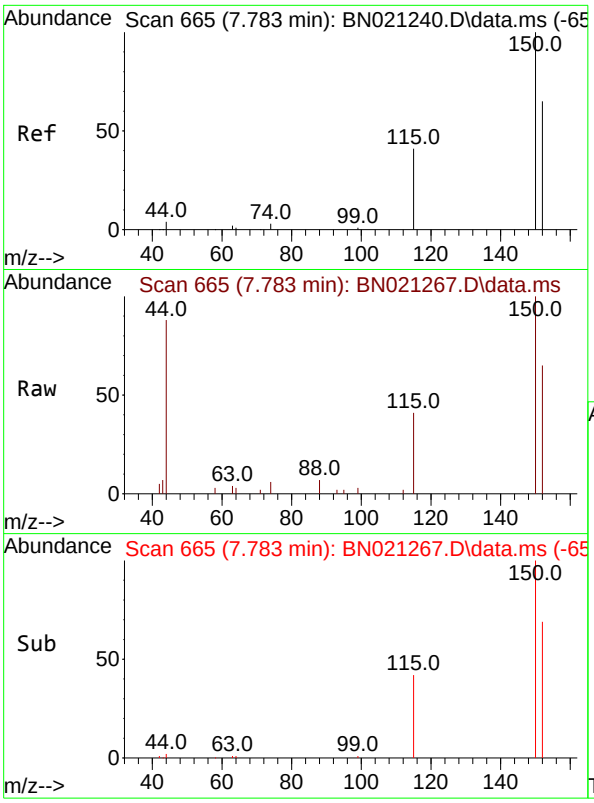
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021267.D
Acq On : 17 Aug 2022 00:04
Operator : CG/JU
Sample : PB146758BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Quant Time: Aug 17 05:16:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration



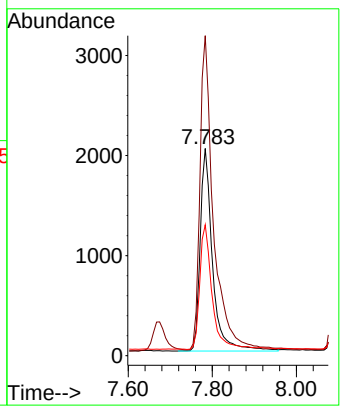


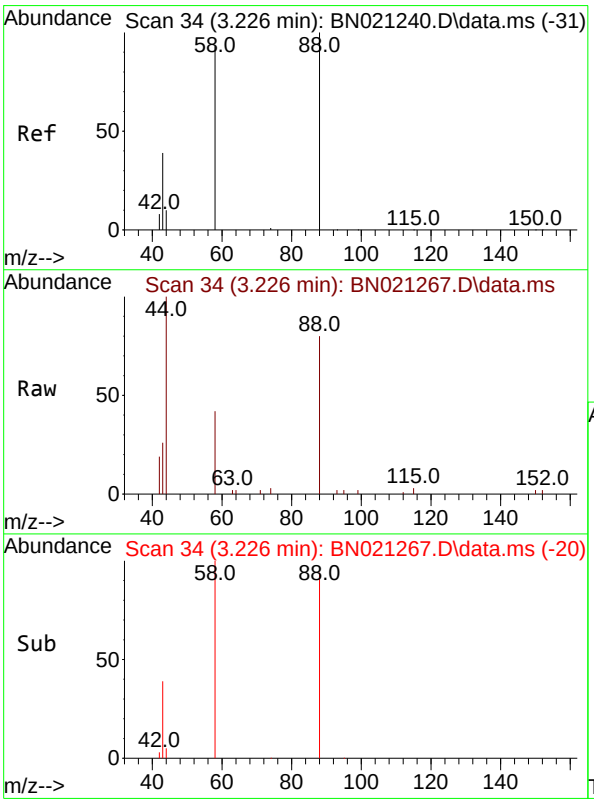
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:152 Resp: 4111

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.1	184.7
115	63.2	52.2	78.4

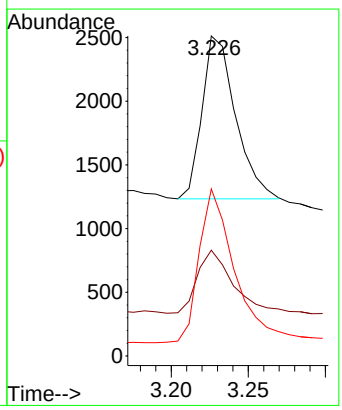


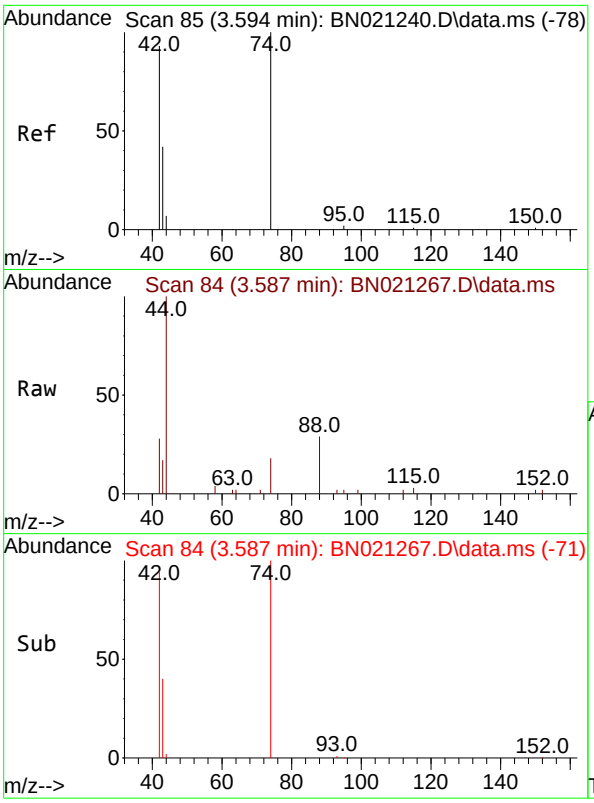


#2
1,4-Dioxane
Concen: 0.338 ng
RT: 3.226 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion: 88 Resp: 1936

Ion	Ratio	Lower	Upper
88	100		
43	40.8	28.6	42.8
58	98.6	74.5	111.7



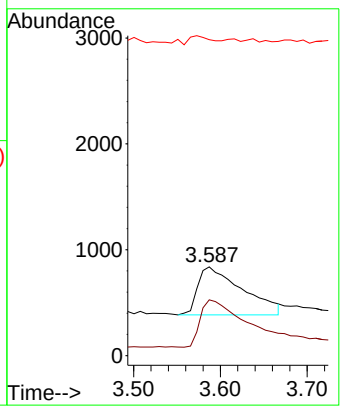


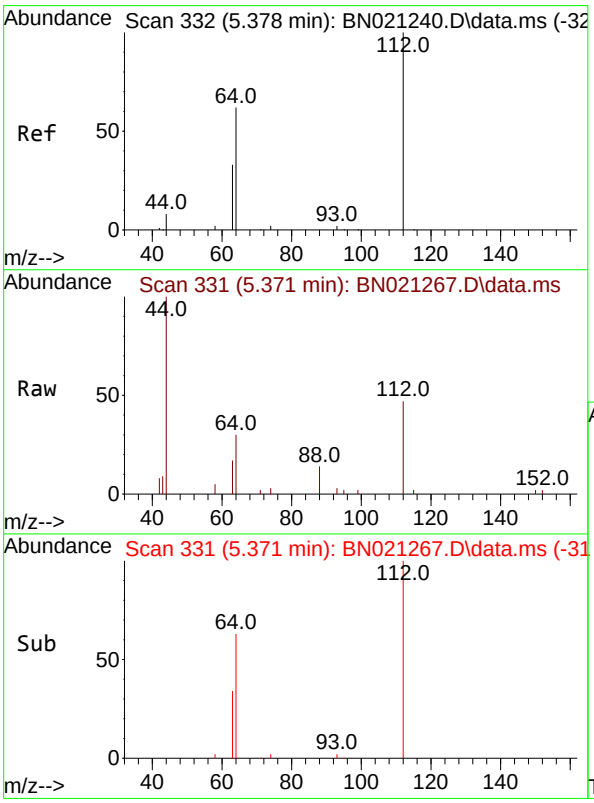
#3
n-Nitrosodimethylamine
Concen: 0.414 ng
RT: 3.587 min Scan# 84
Delta R.T. -0.007 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion: 42 Resp: 1628

Ion	Ratio	Lower	Upper
42	100		
74	100.9	82.4	123.6
44	6.6	2.7	4.1#

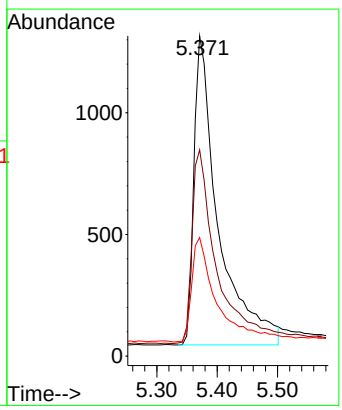


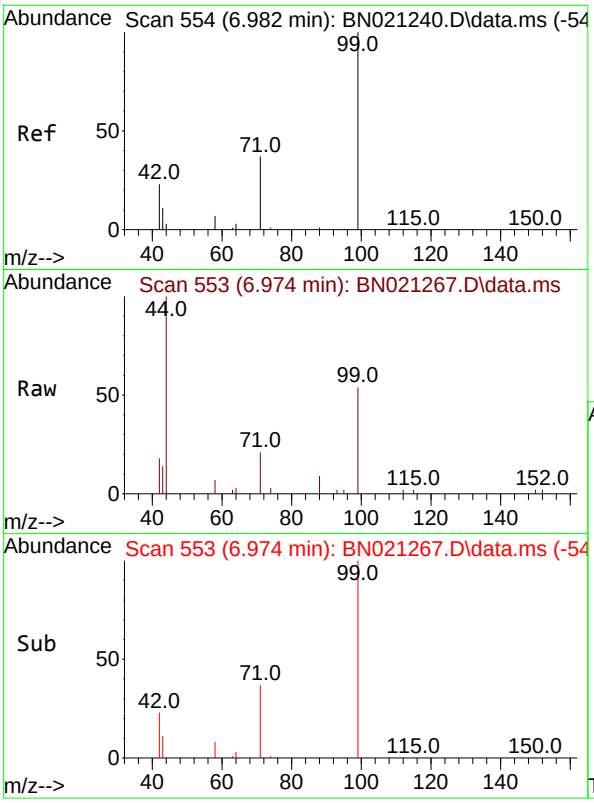


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.371 min Scan# 331
Delta R.T. -0.007 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:112 Resp: 3549

Ion	Ratio	Lower	Upper
112	100		
64	64.2	52.0	78.0
63	35.0	27.5	41.3



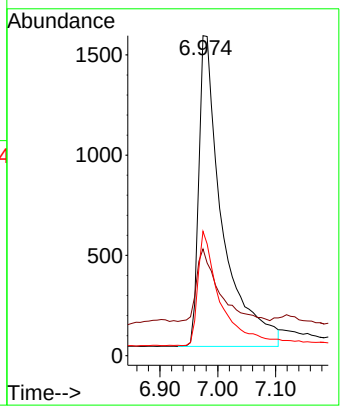


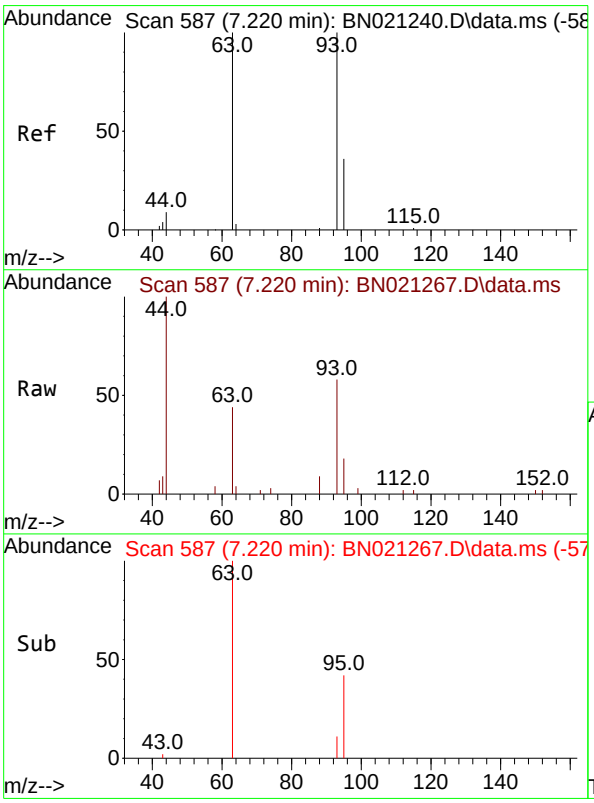
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.974 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion: 99 Resp: 4373

Ion	Ratio	Lower	Upper
99	100		
42	21.9	19.1	28.7
71	34.9	28.9	43.3

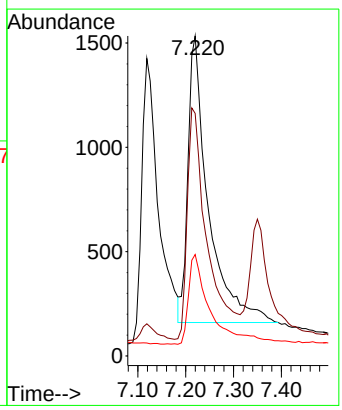


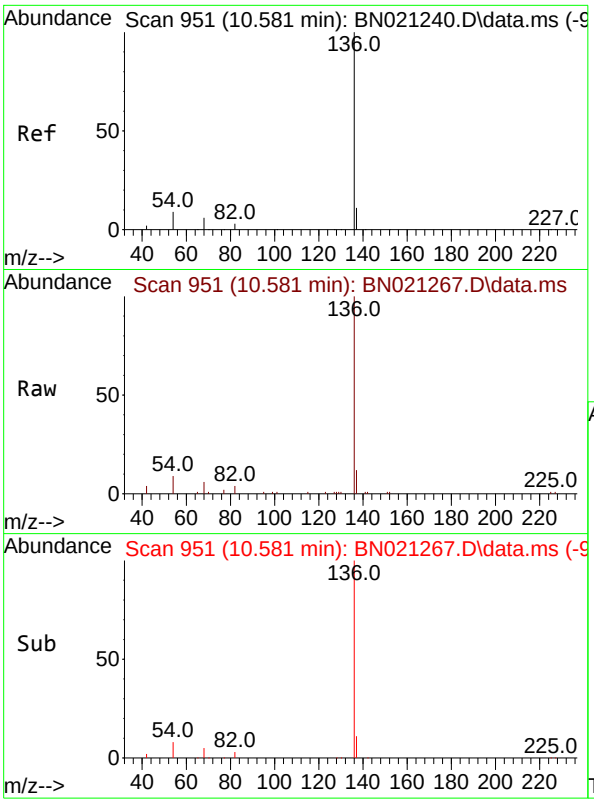


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.220 min Scan# 587
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion: 93 Resp: 4035

Ion	Ratio	Lower	Upper
93	100		
63	79.3	67.8	101.8
95	33.5	28.7	43.1



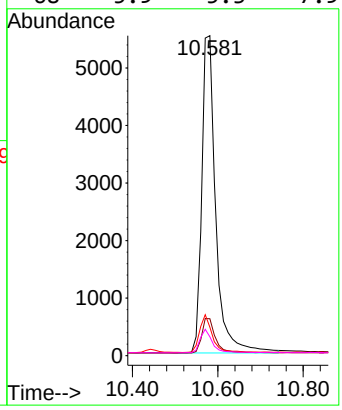


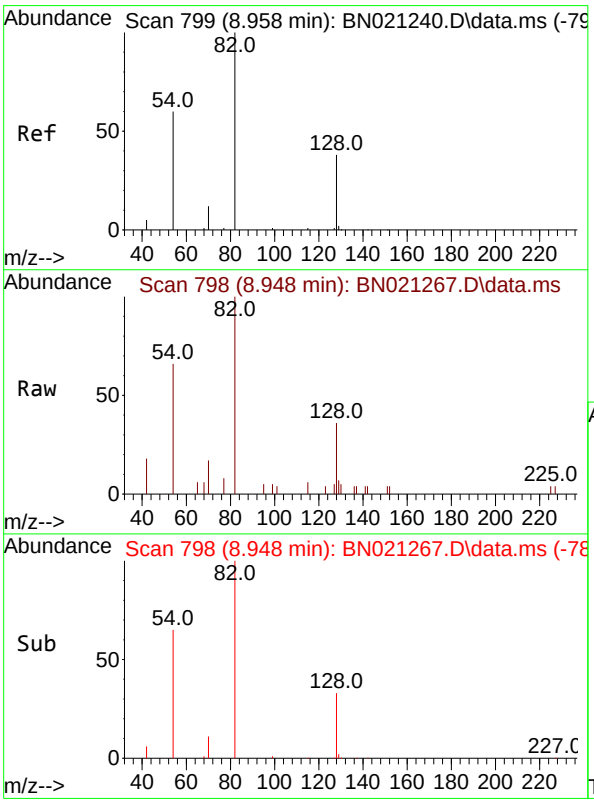
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.581 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:136 Resp: 12548

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	8.9	8.2	12.2
68	5.9	5.3	7.9

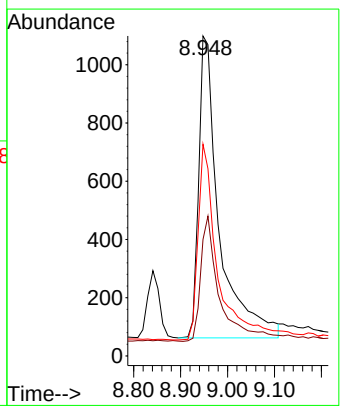


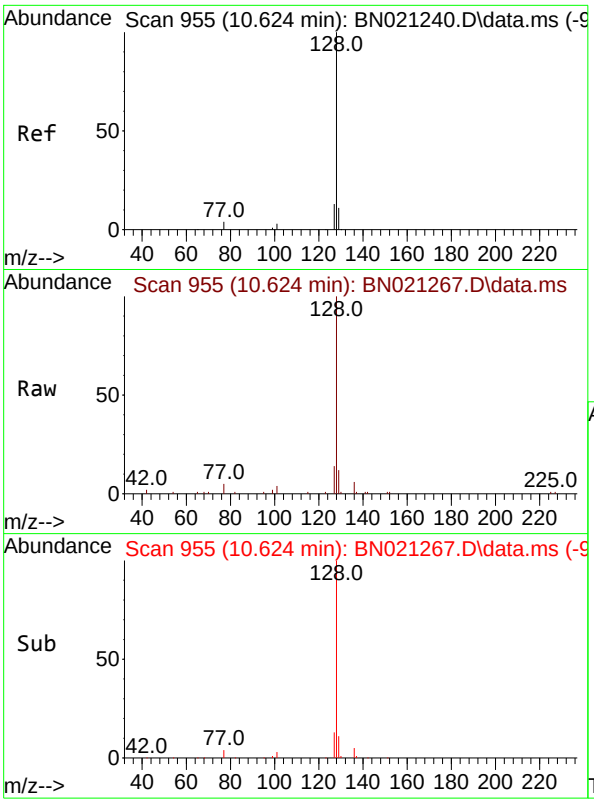


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.948 min Scan# 798
Delta R.T. -0.010 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion: 82 Resp: 3152

Ion	Ratio	Lower	Upper
82	100		
128	36.4	33.6	50.4
54	66.2	50.2	75.2



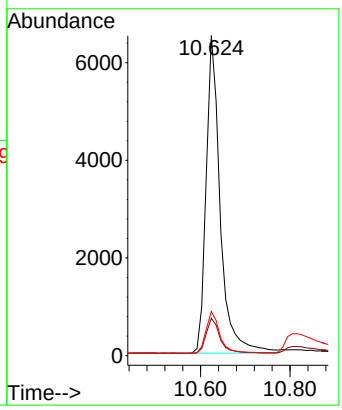


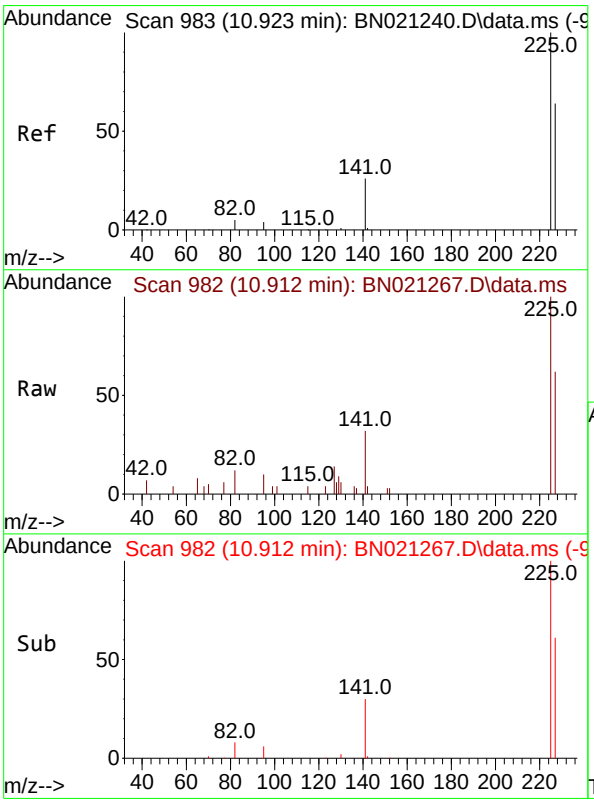
#9
Naphthalene
Concen: 0.375 ng
RT: 10.624 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:128 Resp: 14248

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.8	11.0	16.6

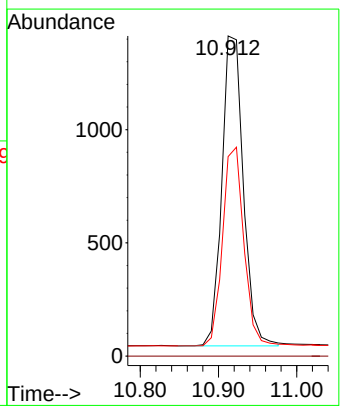


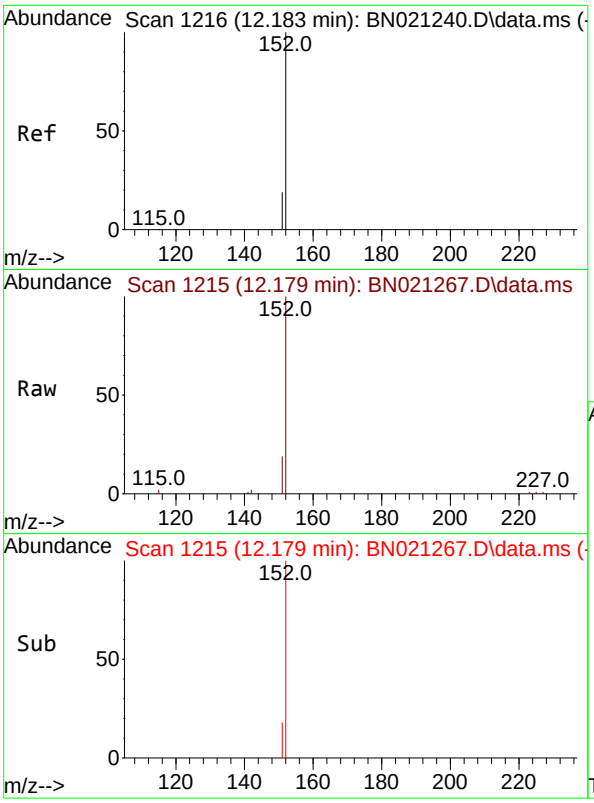


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.912 min Scan# 982
Delta R.T. -0.011 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:225 Resp: 2610

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



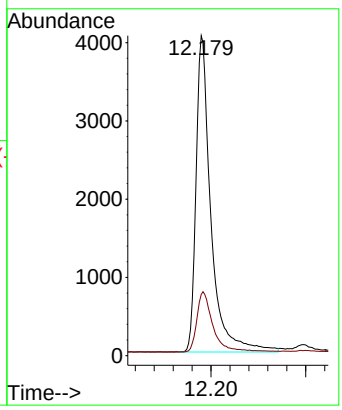


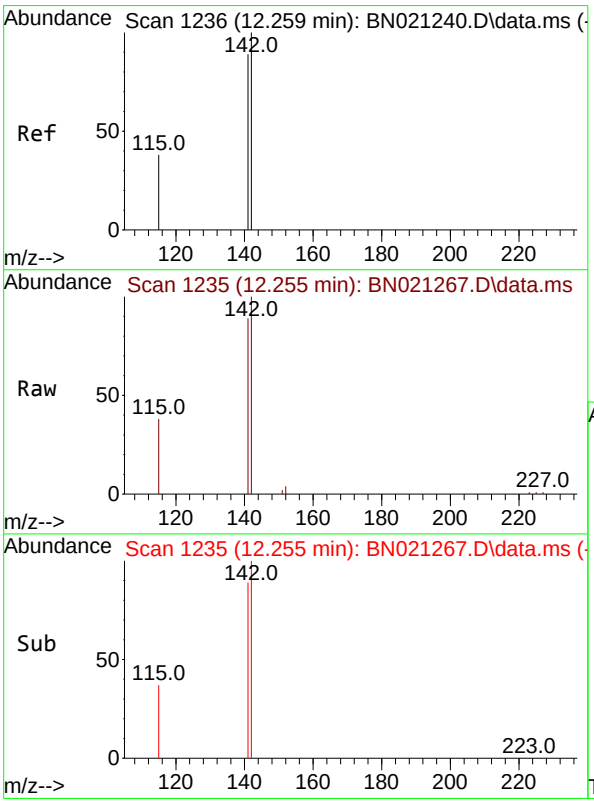
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.179 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:152 Resp: 8811

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8

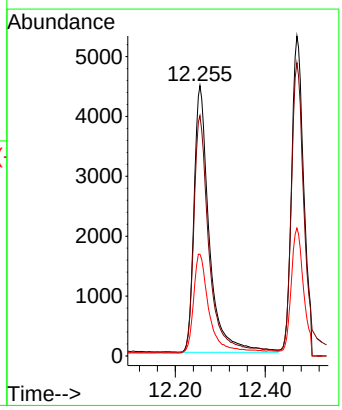


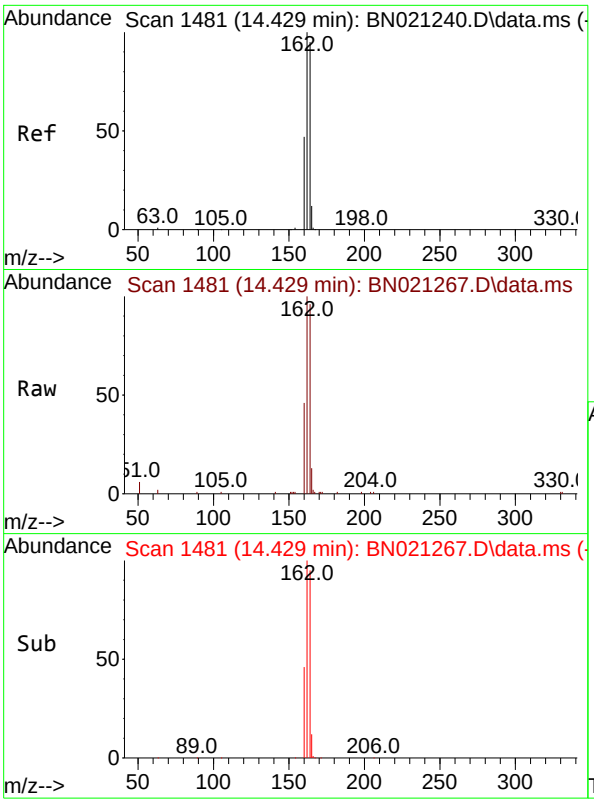


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.255 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:142 Resp: 10460

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	37.6	31.3	46.9



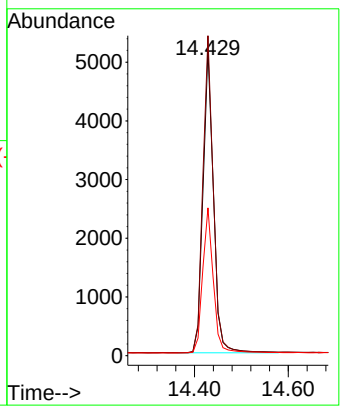


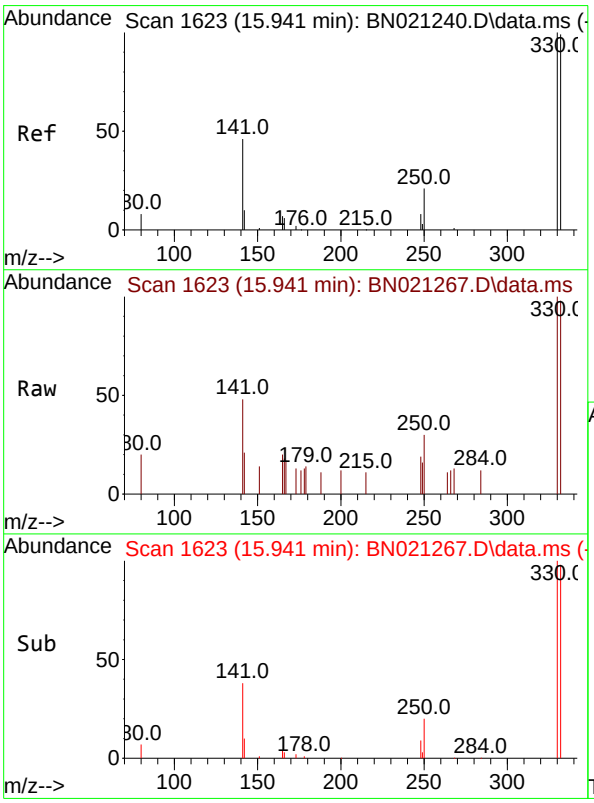
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.429 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:164 Resp: 8015

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.8	125.6
160	48.4	39.8	59.6

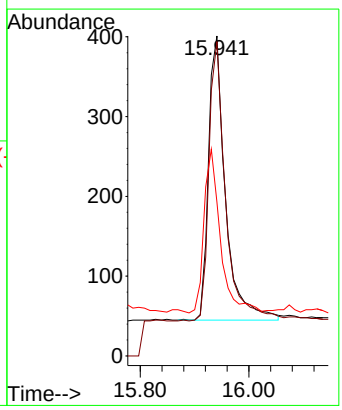


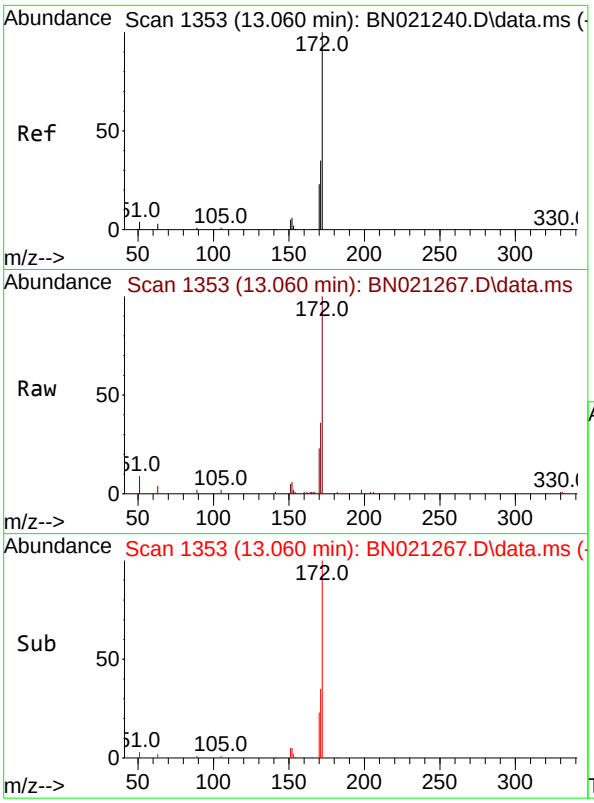


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.941 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:330 Resp: 771

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	55.9	45.4	68.0



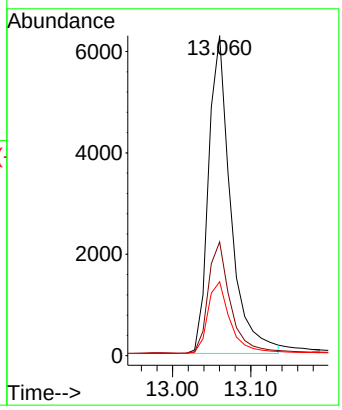


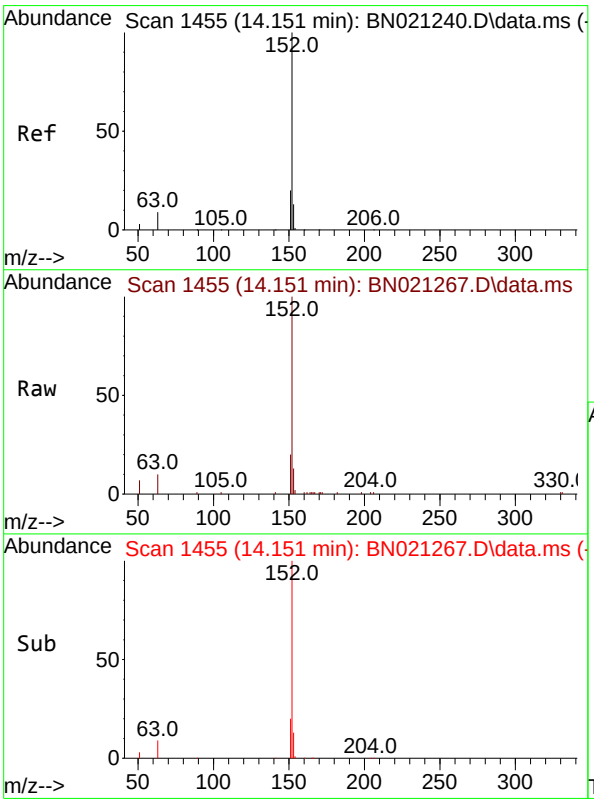
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.060 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:172 Resp: 12344

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.1	19.0	28.6

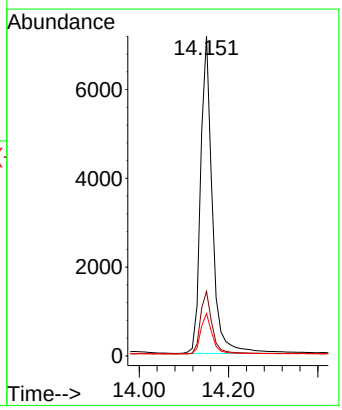


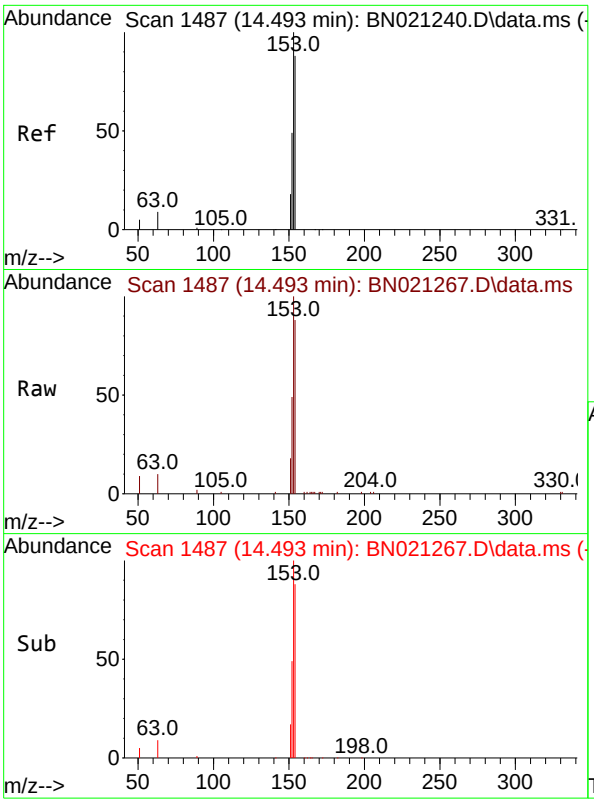


#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.151 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:152 Resp: 12975

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.7	10.4	15.6



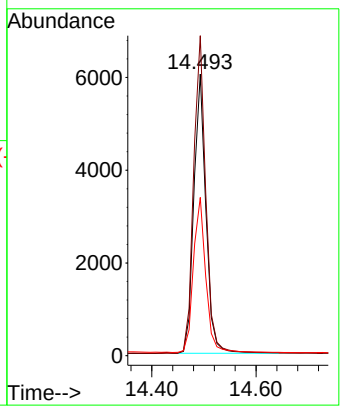


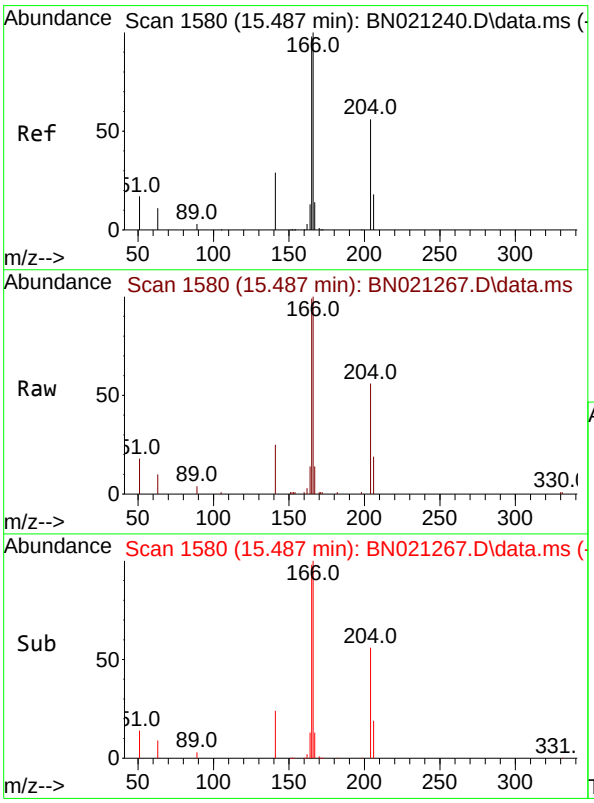
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.493 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:154 Resp: 9744

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.5	137.3
152	56.7	45.2	67.8

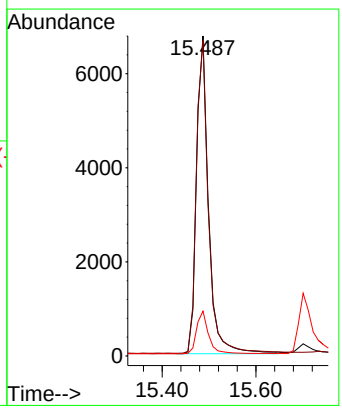


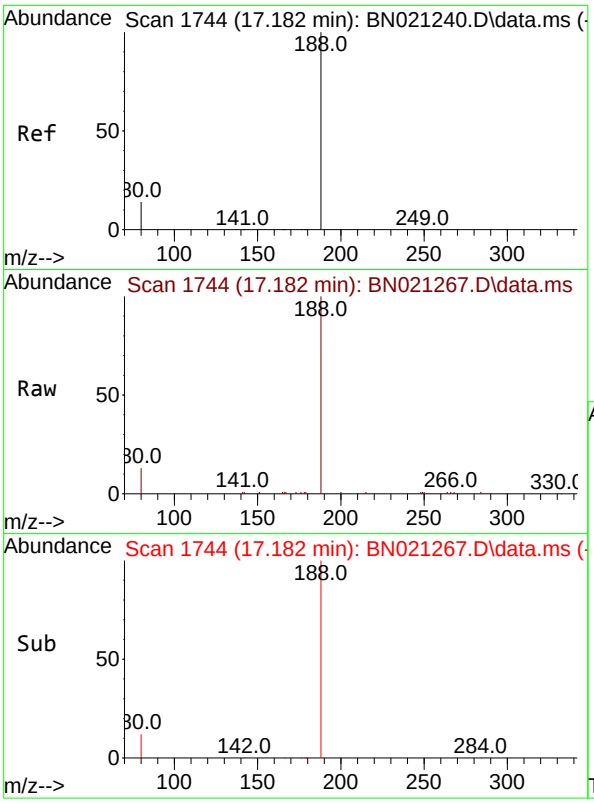


#18
Fluorene
Concen: 0.358 ng
RT: 15.487 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:166 Resp: 12053

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.8	118.2
167	13.5	11.0	16.4



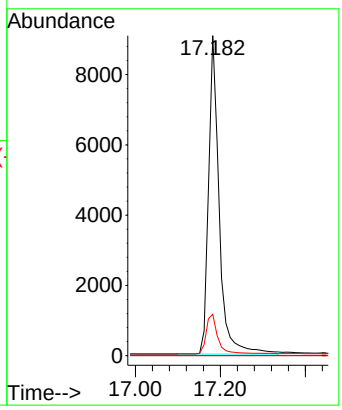


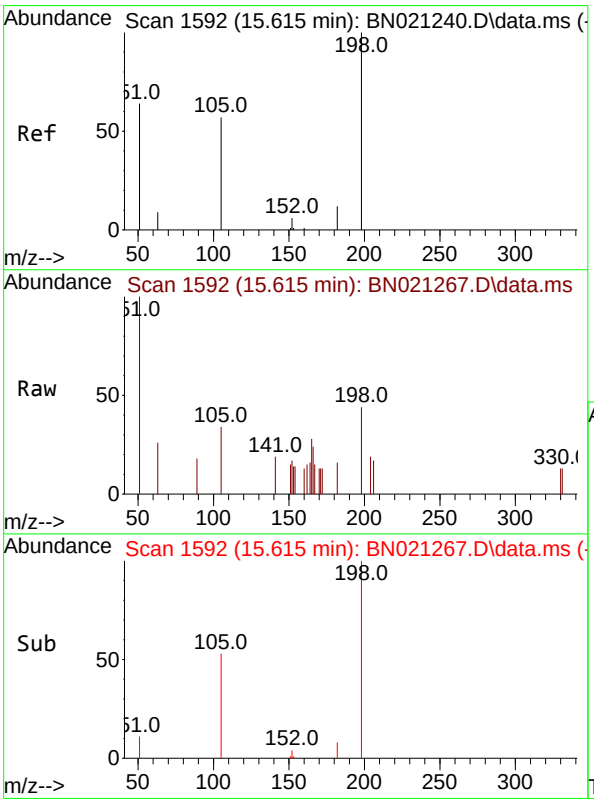
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:188 Resp: 15749

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	11.8	17.6

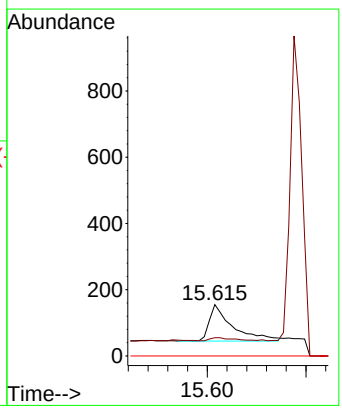


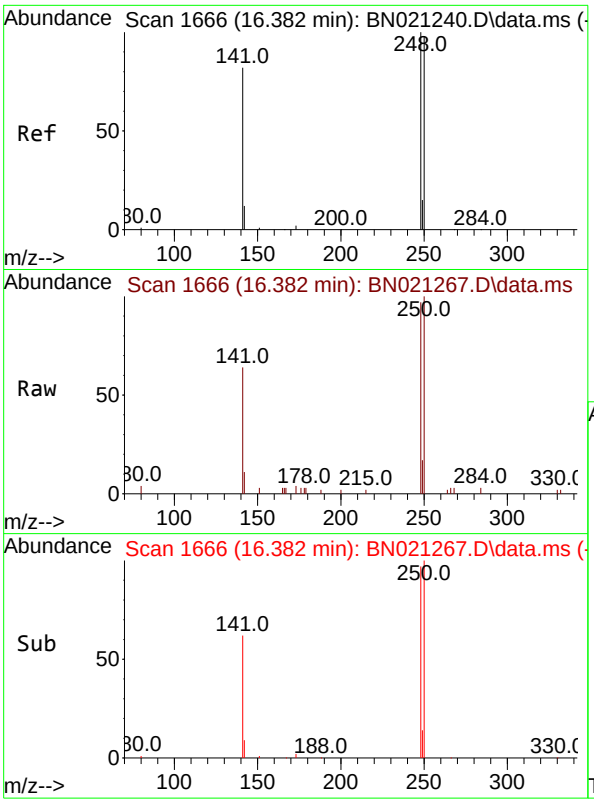


#20
4,6-Dinitro-2-methylphenol
Concen: 0.394 ng
RT: 15.615 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:198 Resp: 359

Ion	Ratio	Lower	Upper
198	100		
182	35.5	33.9	50.9
77	0.0	0.0	0.0



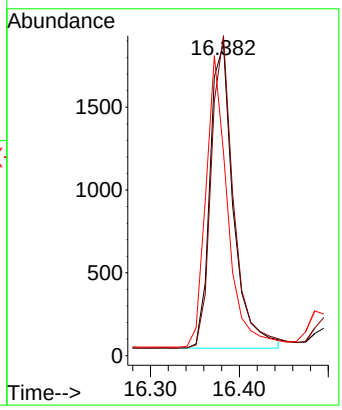


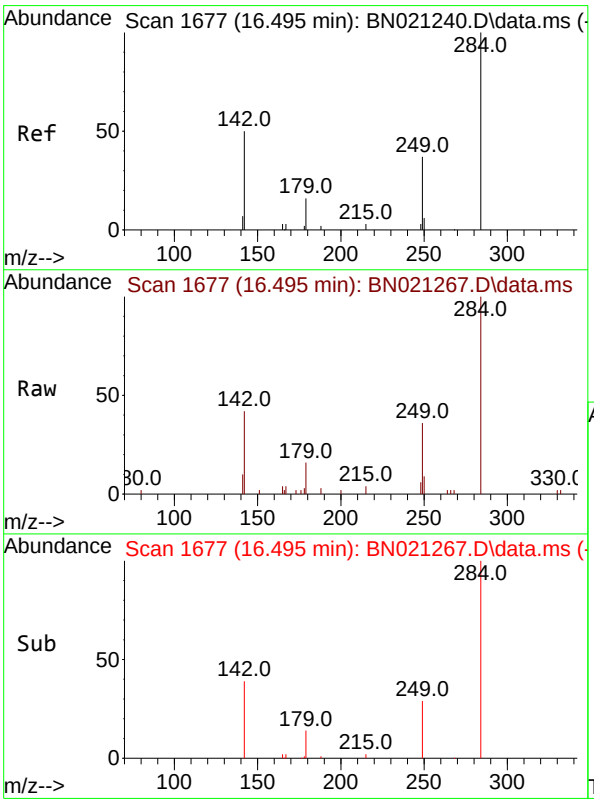
#21
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.382 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:248 Resp: 3360

Ion	Ratio	Lower	Upper
248	100		
250	102.7	78.6	117.8
141	65.3	66.8	100.2#

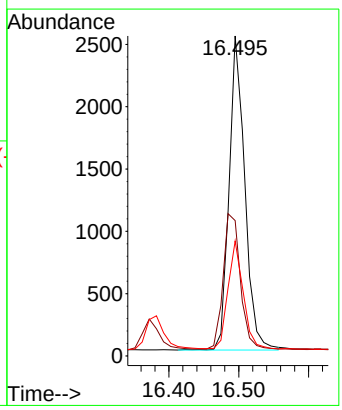


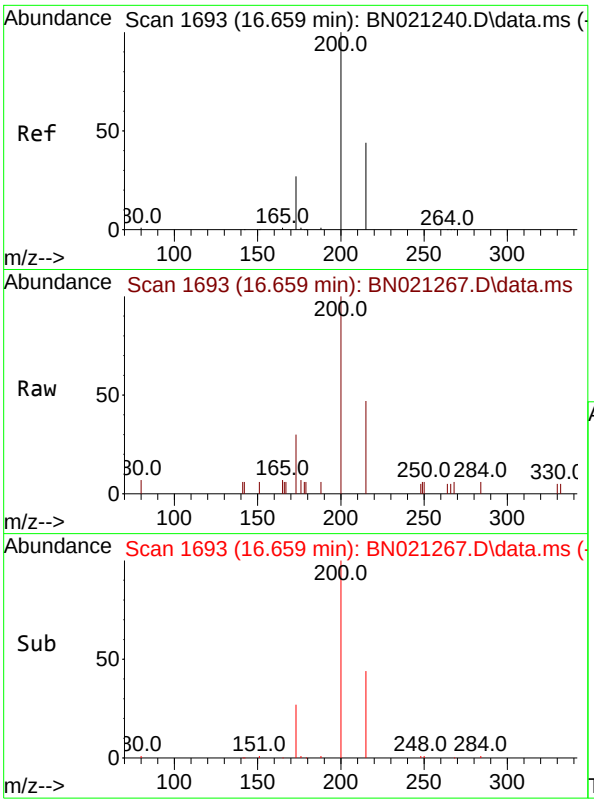


#22
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.495 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:284 Resp: 3940

Ion	Ratio	Lower	Upper
284	100		
142	46.9	36.0	54.0
249	33.2	27.0	40.6



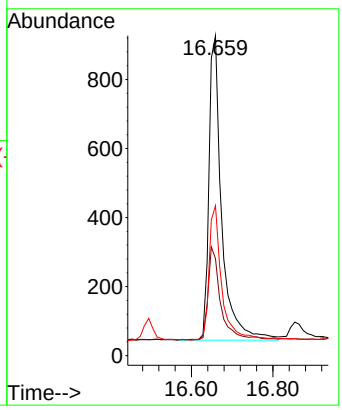


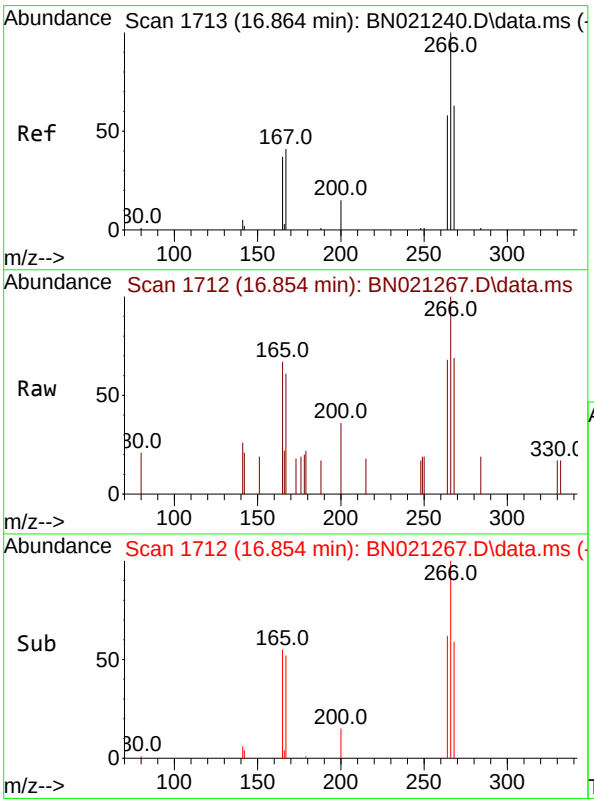
#23
Atrazine
Concen: 0.309 ng
RT: 16.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:200 Resp: 1921

Ion	Ratio	Lower	Upper
200	100		
173	30.3	26.0	39.0
215	46.8	38.2	57.4

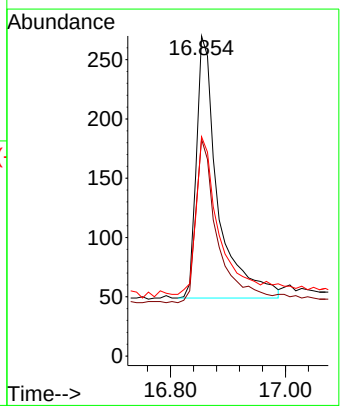


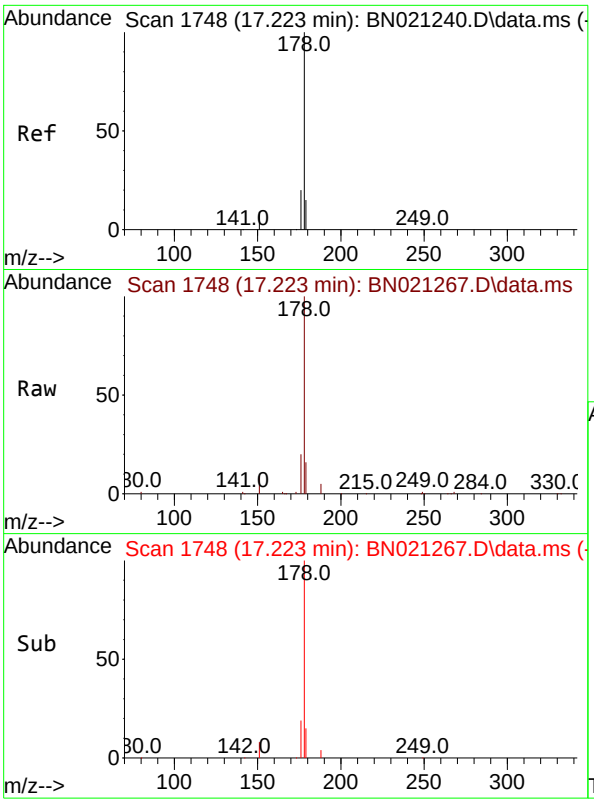


#24
Pentachlorophenol
Concen: 0.234 ng
RT: 16.854 min Scan# 1712
Delta R.T. -0.010 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:266 Resp: 574

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.0	75.0
268	62.2	47.1	70.7



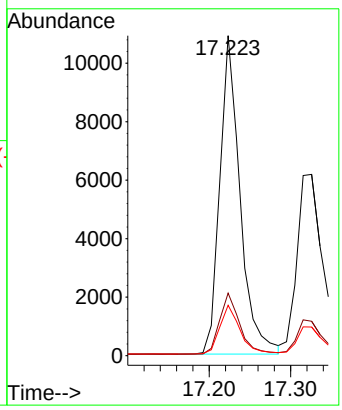


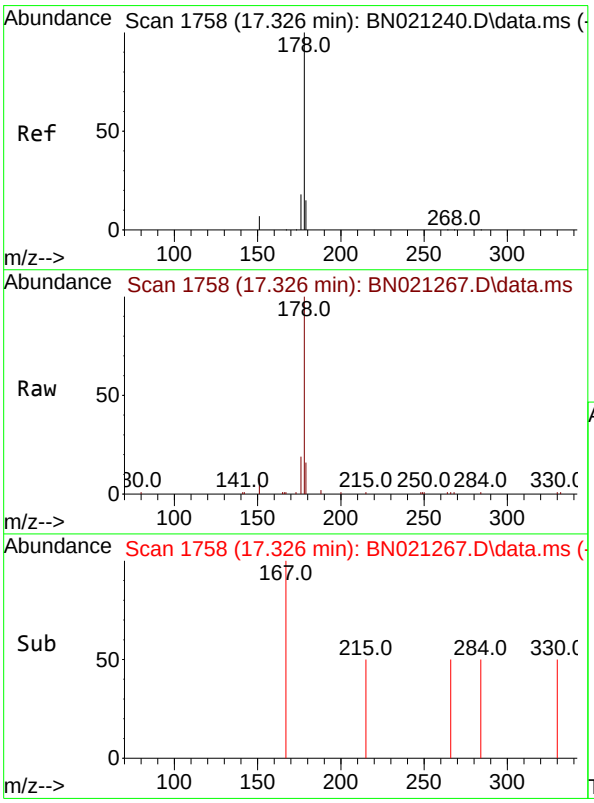
#25
Phenanthrene
Concen: 0.359 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:178 Resp: 18813

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.5	12.2	18.4

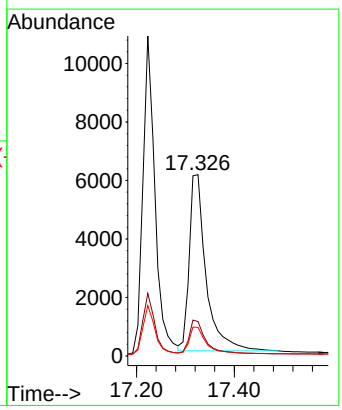


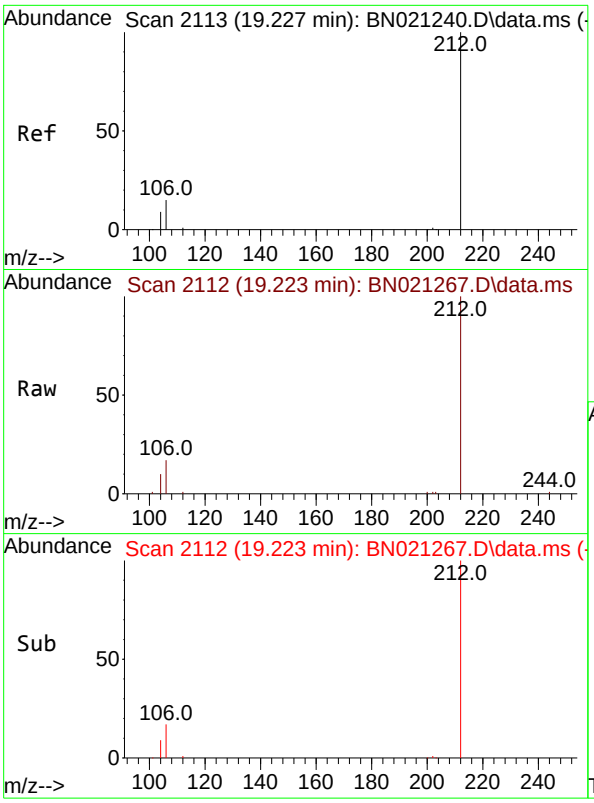


#26
Anthracene
Concen: 0.330 ng
RT: 17.326 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:178 Resp: 14435

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.3	11.7	17.5



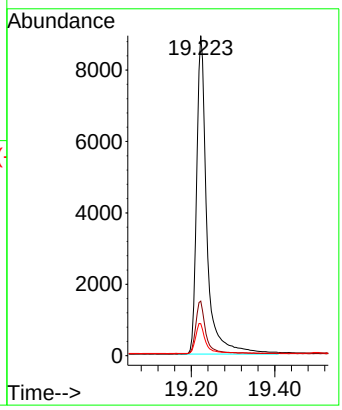


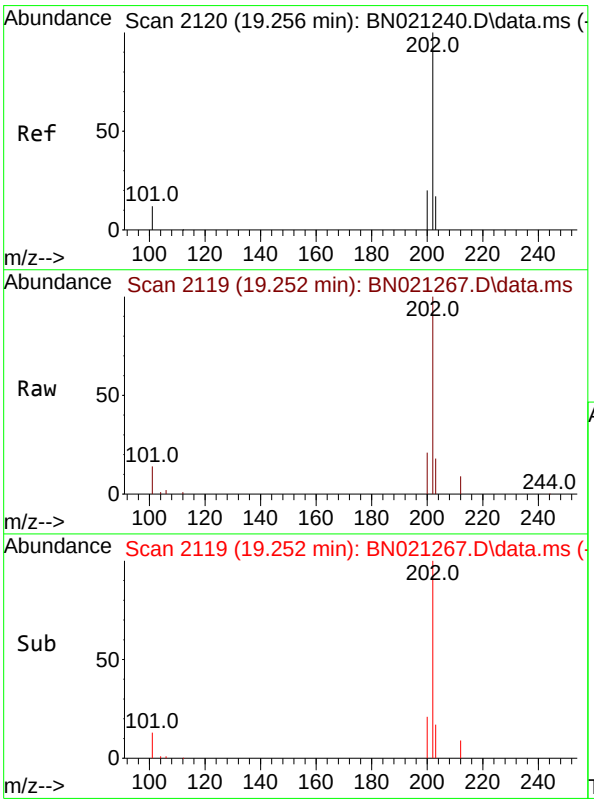
#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.223 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:212 Resp: 15213

Ion	Ratio	Lower	Upper
212	100		
106	16.7	12.6	18.8
104	9.2	7.2	10.8

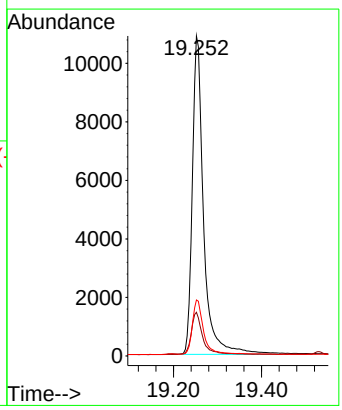


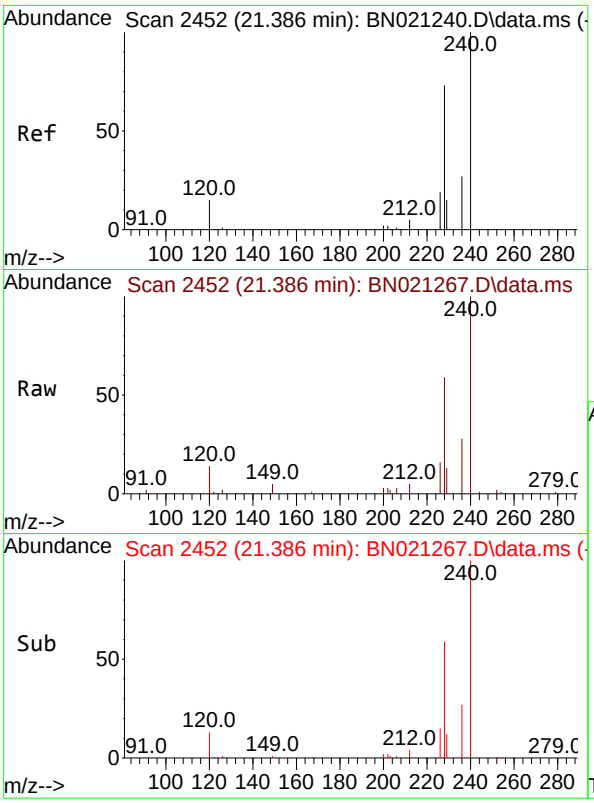


#28
Fluoranthene
Concen: 0.354 ng
RT: 19.252 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:202 Resp: 19394

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.1	15.1
203	16.6	13.3	19.9



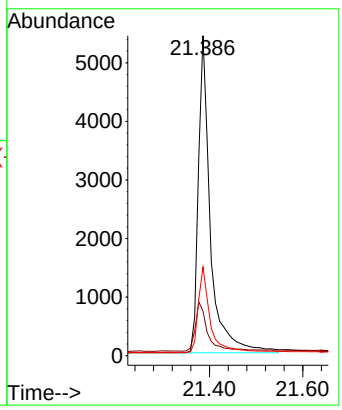


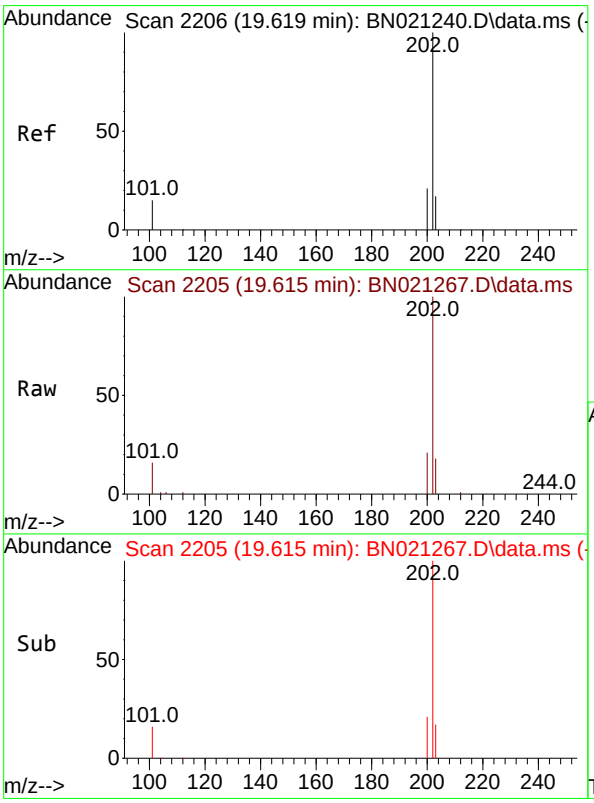
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:240 Resp: 9740

Ion	Ratio	Lower	Upper
240	100		
120	13.9	13.4	20.2
236	27.7	22.6	33.8

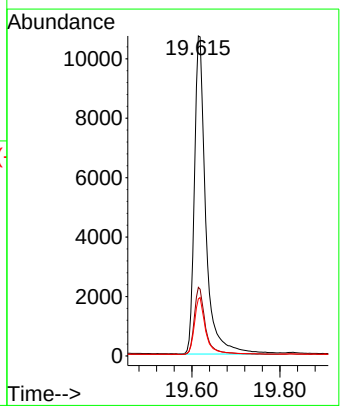


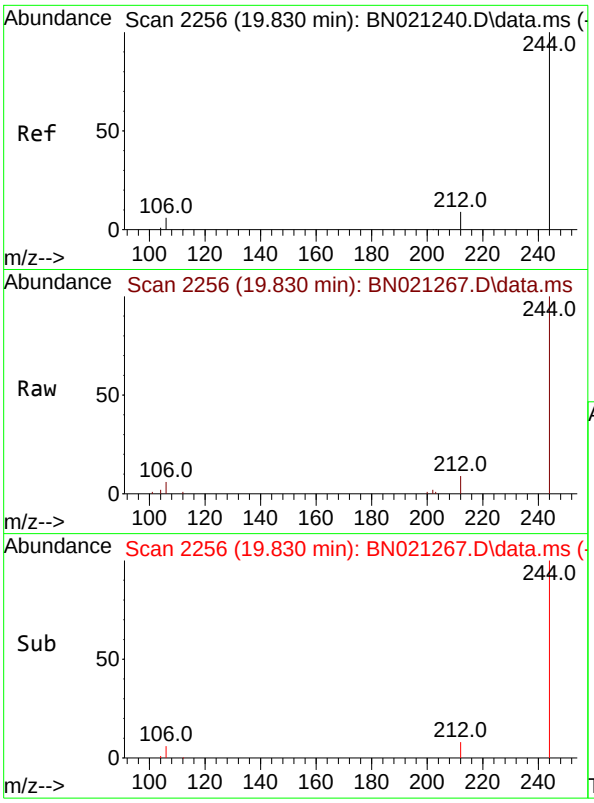


#30
Pyrene
Concen: 0.383 ng
RT: 19.615 min Scan# 2205
Delta R.T. -0.004 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:202 Resp: 19217

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.6	14.2	21.4



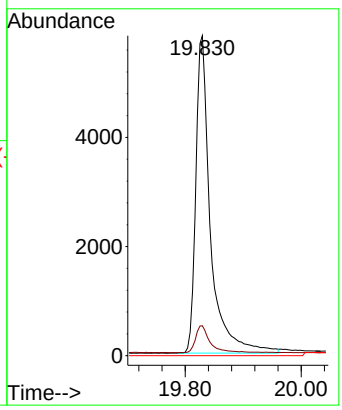


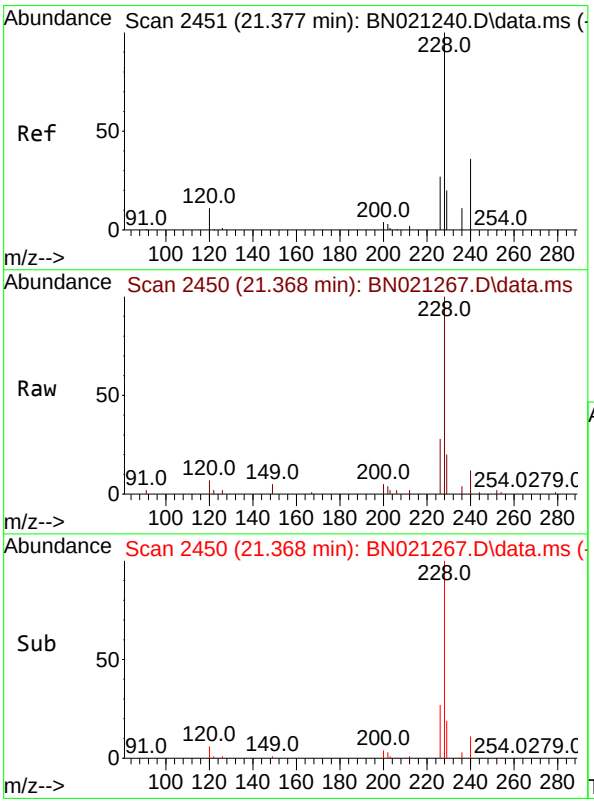
#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.830 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:244 Resp: 10200

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.3	12.5
122	0.0	0.0	0.0

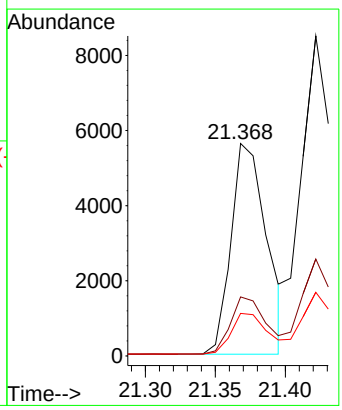


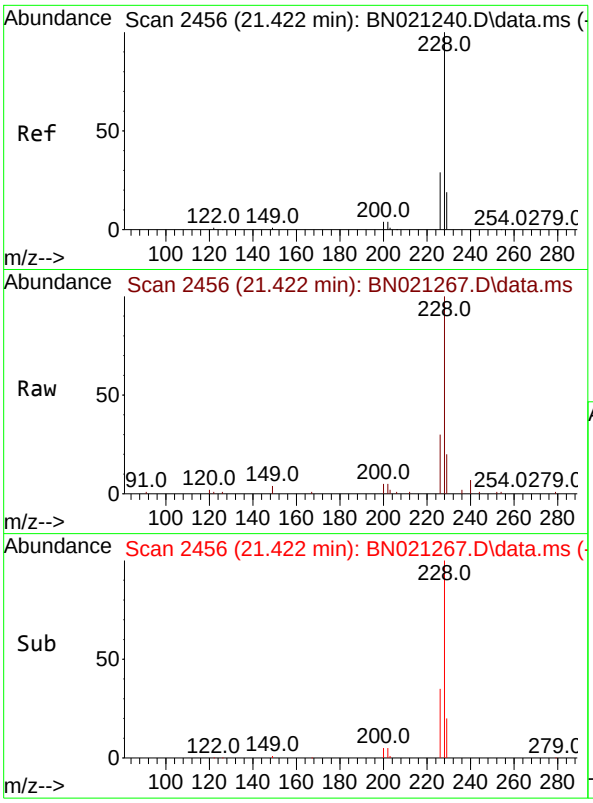


#32
Benzo(a)anthracene
Concen: 0.313 ng
RT: 21.368 min Scan# 2450
Delta R.T. -0.009 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:228 Resp: 9904

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.1	16.6	24.8



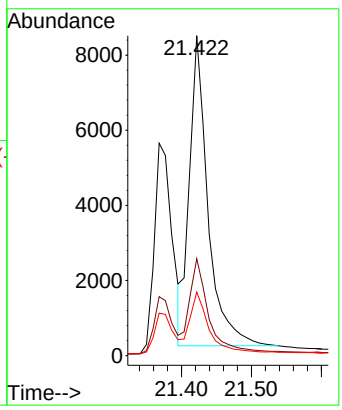


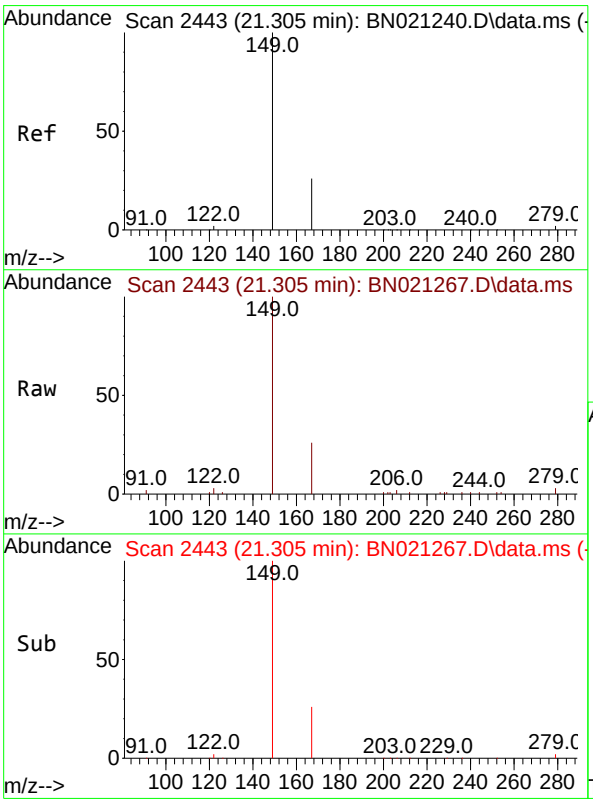
#33
Chrysene
Concen: 0.386 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:228 Resp: 15216

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.9	15.9	23.9

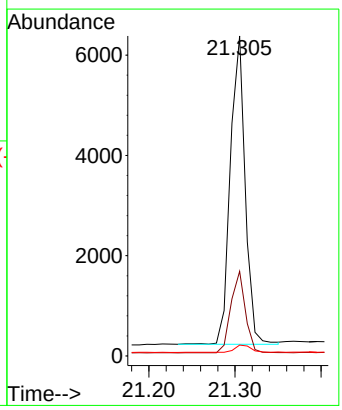


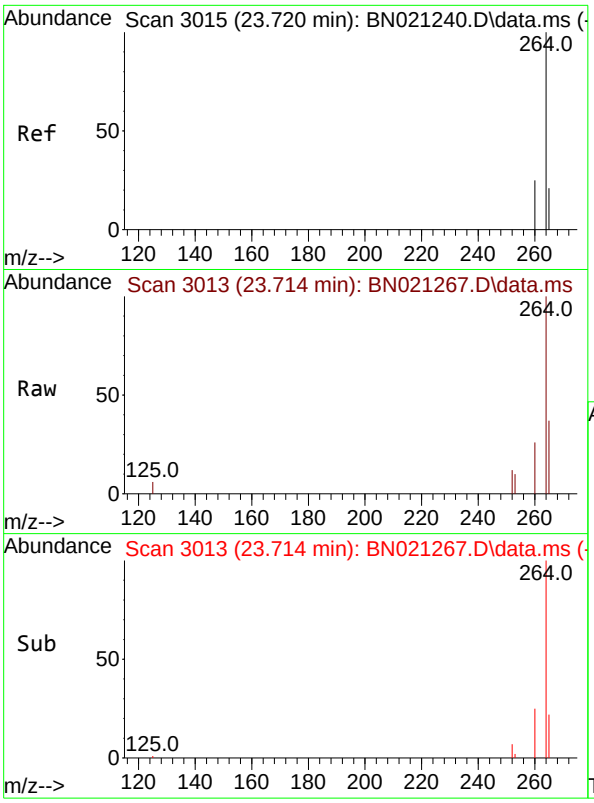


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.340 ng
RT: 21.305 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:149 Resp: 7363

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.6	31.0
279	2.6	2.4	3.6



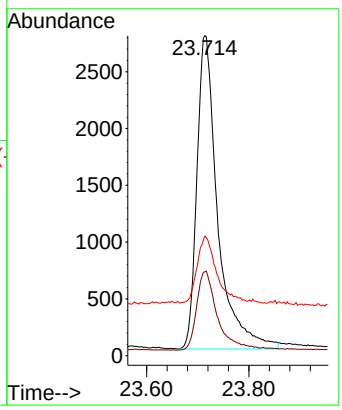


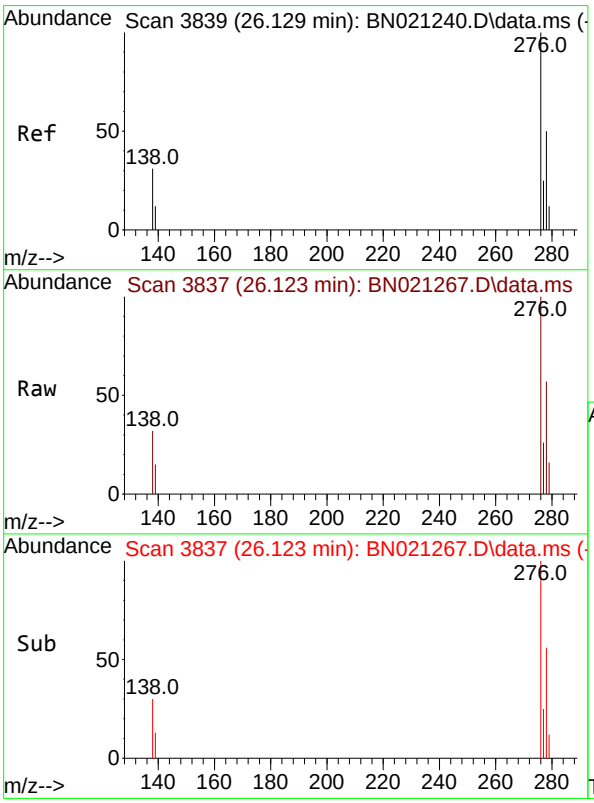
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.714 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:264 Resp: 7819

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	37.3	34.3	51.5

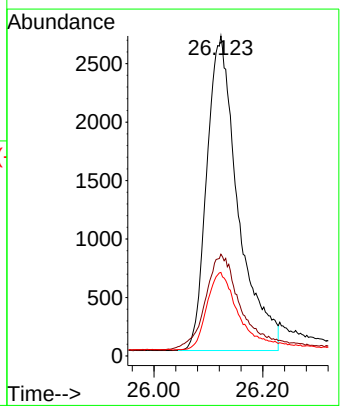


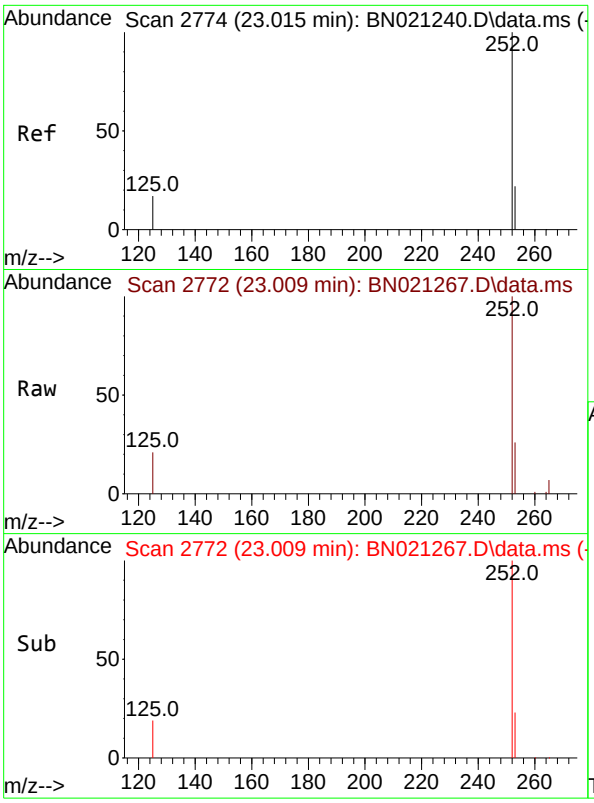


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng
RT: 26.123 min Scan# 3837
Delta R.T. -0.006 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:276 Resp: 10709

Ion	Ratio	Lower	Upper
276	100		
138	34.3	24.2	36.2
277	26.0	19.1	28.7



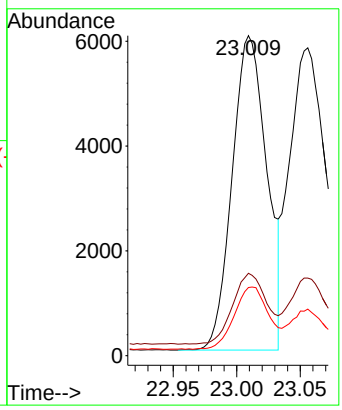


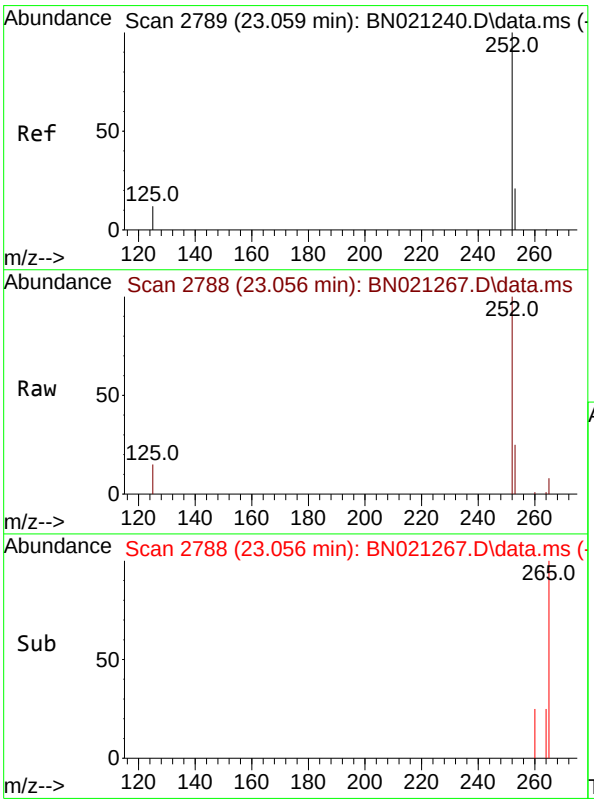
#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.009 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:252 Resp: 11392

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.4	32.0
125	21.3	15.3	22.9

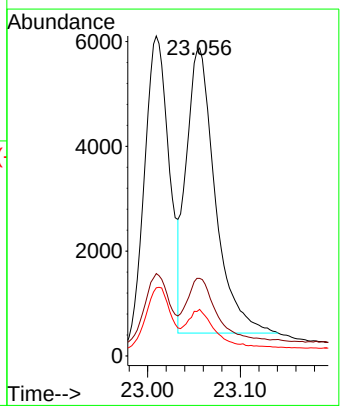


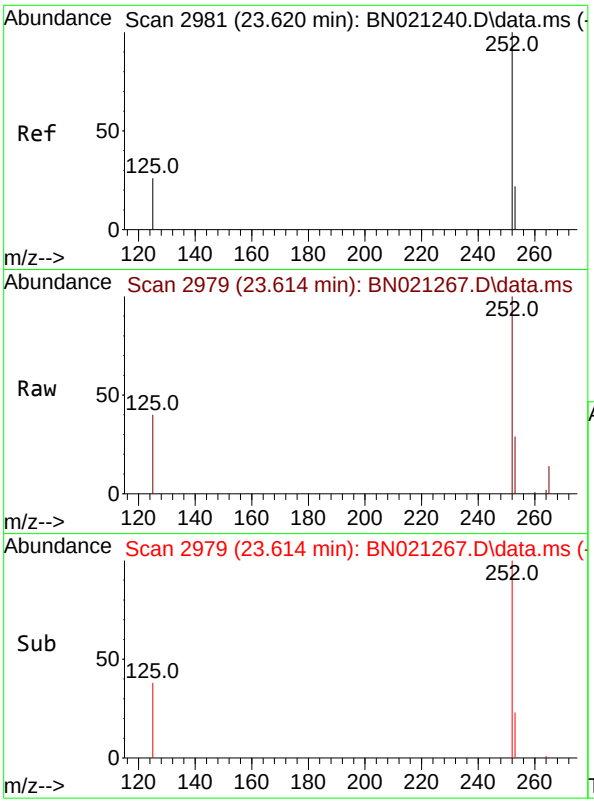


#38
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.056 min Scan# 2788
Delta R.T. -0.003 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:252 Resp: 11793

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.4	32.2
125	15.1	12.6	18.8



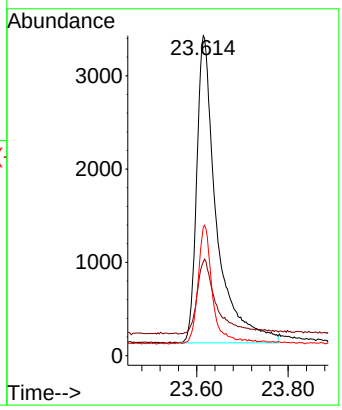


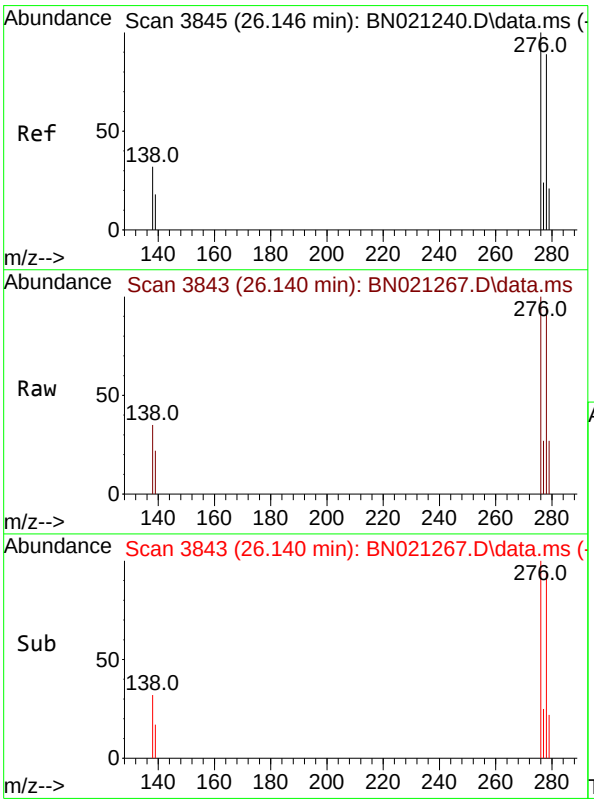
#39
Benzo(a)pyrene
Concen: 0.364 ng
RT: 23.614 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:252 Resp: 9908

Ion	Ratio	Lower	Upper
252	100		
253	29.3	24.8	37.2
125	40.2	23.8	35.6#

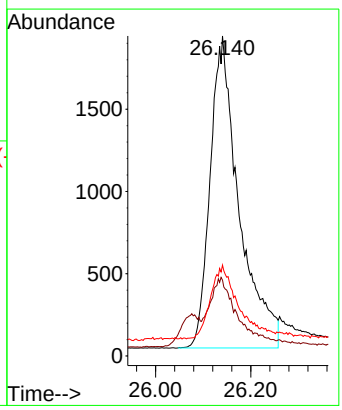


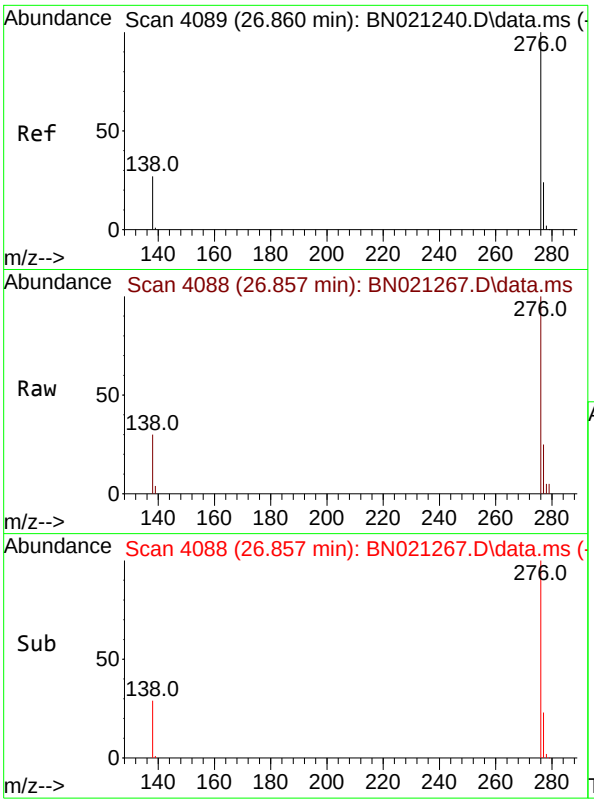


#40
Dibenzo(a,h)anthracene
Concen: 0.298 ng
RT: 26.140 min Scan# 3843
Delta R.T. -0.006 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Tgt Ion:278 Resp: 7981

Ion	Ratio	Lower	Upper
278	100		
139	23.7	20.5	30.7
279	28.4	23.8	35.8





#41
Benzo(g,h,i)perylene
Concen: 0.280 ng
RT: 26.857 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021267.D
Acq: 17 Aug 2022 00:04

Instrument :
BNA_N
ClientSampleId :
PB146758BS

Tgt Ion:276 Resp: 8690

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.0	31.4
138	30.5	23.8	35.6