Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016281.D
Acq On : 10 Sep 2021 06:56
Operator : CG/JU
Sample : M3561-23MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE4-11MS

Quant Time: Sep 10 08:07:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	12680	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	64669	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	49445	0.400	ng	-0.01
19) Phenanthrene-d10	17.249	188	85631	0.400	ng	# 0.01
29) Chrysene-d12	21.450	240	90509	0.400	ng	# 0.02
35) Perylene-d12	23.840	264	54245	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	5764	0.178	ng	0.00
5) Phenol-d6	7.043	99	4684	0.116	ng	0.00
8) Nitrobenzene-d5	9.012	82	18828	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	35196	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	7470	0.368	ng	0.01
15) 2-Fluorobiphenyl	13.114	172	50206	0.259	ng	0.00
27) Fluoranthene-d10	19.291	212	77662	0.309	ng	0.02
31) Terphenyl-d14	19.882	244	87289	0.384	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	942	0.209	ng	# 36
6) bis(2-Chloroethyl)ether	7.292	93	11700	0.351	ng	97
9) Naphthalene	10.711	128	59244	0.343	ng	# 94
10) Hexachlorobutadiene	10.990	225	10421	0.296	ng	# 100
12) 2-Methylnaphthalene	12.318	142	45163	0.388	ng	# 92
16) Acenaphthylene	14.205	152	72994	0.330	ng	# 83
17) Acenaphthene	14.548	154	37146	0.259	ng	97
18) Fluorene	15.537	166	50237	0.283	ng	93
20) 4,6-Dinitro-2-methylph...	15.626	198	3464	0.927	ng	# 1
21) 4-Bromophenyl-phenylether	16.433	248	15407	0.336	ng	# 49
22) Hexachlorobenzene	16.555	284	15912	0.290	ng	# 83
23) Atrazine	16.713	200	11491	0.273	ng	# 1
24) Pentachlorophenol	16.920	266	22665	1.917	ng	99
25) Phenanthrene	17.383	178	159322	0.641	ng	96
26) Anthracene	17.383	178	159161	0.696	ng	96
28) Fluoranthene	19.321	202	99208	0.340	ng	96
30) Pyrene	19.683	202	130883	0.427	ng	95
32) Benzo(a)anthracene	21.429	228	98184	0.348	ng	# 64
33) Chrysene	21.482	228	101320	0.362	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.355	149	85097	0.490	ng	98
36) Indeno(1,2,3-cd)pyrene	26.315	276	35866	0.397	ng	99
37) Benzo(b)fluoranthene	23.111	252	85845	0.410	ng	# 73
38) Benzo(k)fluoranthene	23.156	252	79652	0.427	ng	# 73
39) Benzo(a)pyrene	23.734	252	57797	0.371	ng	# 68
40) Dibenzo(a,h)anthracene	26.329	278	30667	0.444	ng	# 77
41) Benzo(g,h,i)perylene	27.075	276	25198	0.336	ng	# 82

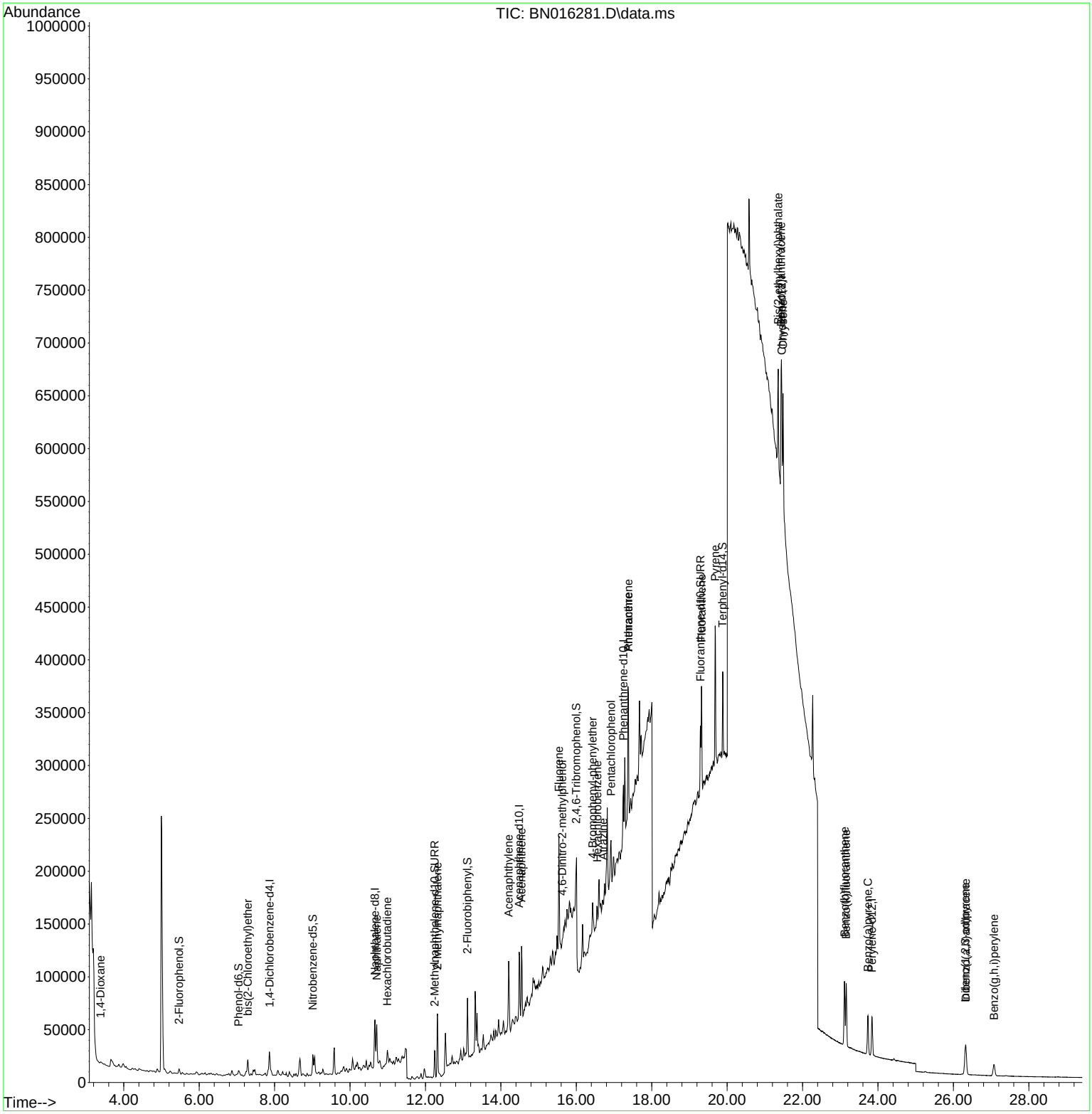
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

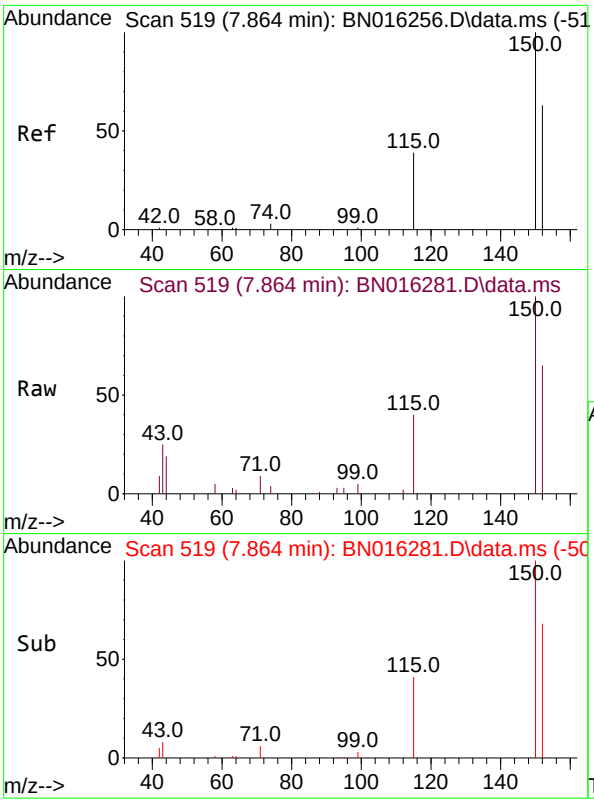
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016281.D
Acq On : 10 Sep 2021 06:56
Operator : CG/JU
Sample : M3561-23MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VE4-11MS

Quant Time: Sep 10 08:07:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration



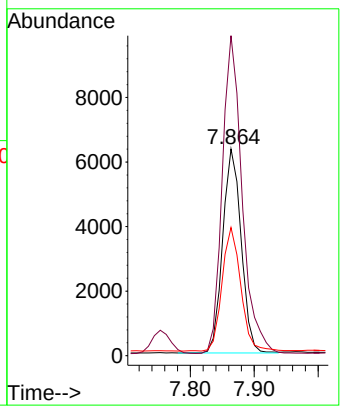
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

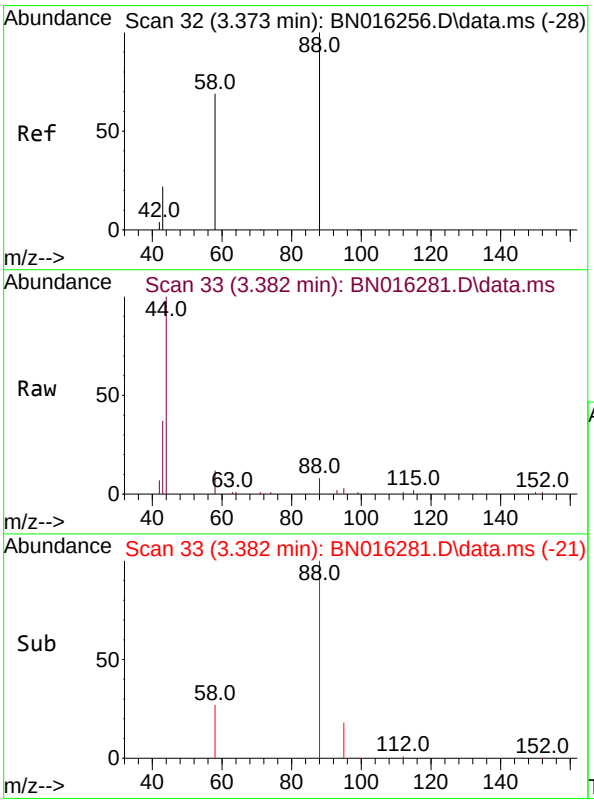


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:152 Resp: 12680

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.6	188.4
115	62.0	50.2	75.2

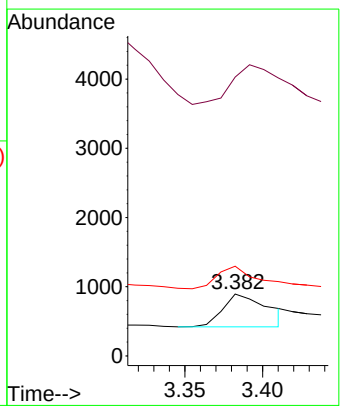




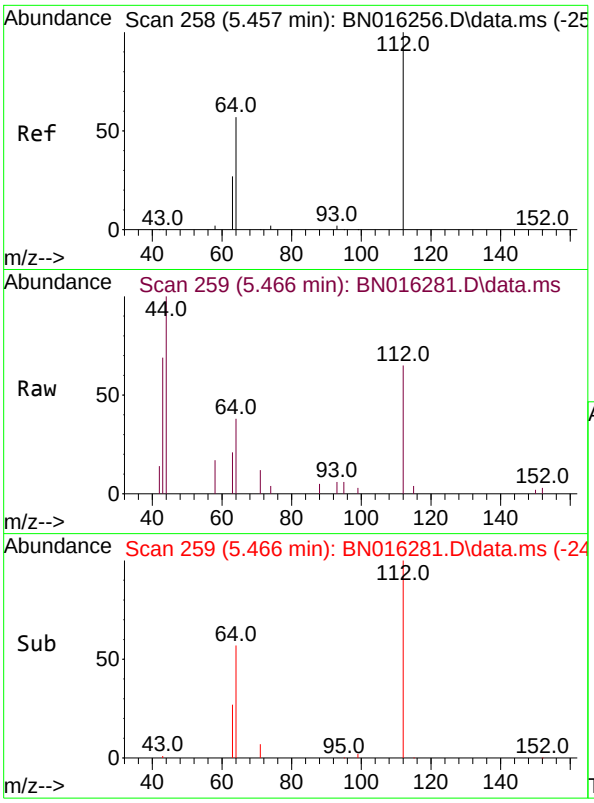
#2
1,4-Dioxane
Concen: 0.209 ng
RT: 3.382 min Scan# 33
Delta R.T. 0.009 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion: 88 Resp: 942

Ion	Ratio	Lower	Upper
88	100		
43	116.7	20.3	30.5#
58	59.4	69.9	104.9#



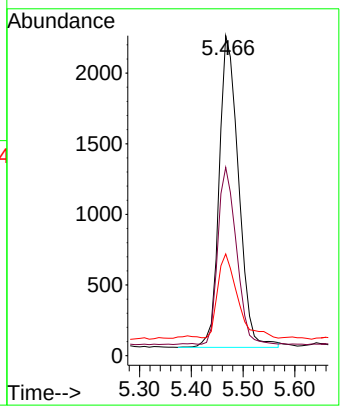
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

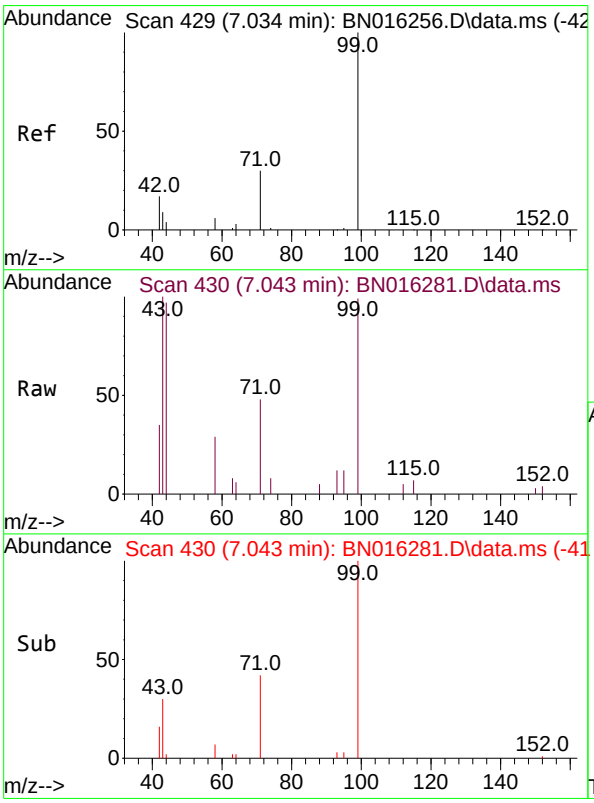


#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.466 min Scan# 259
Delta R.T. 0.009 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:112 Resp: 5764

Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.3	70.9
63	27.4	23.4	35.0

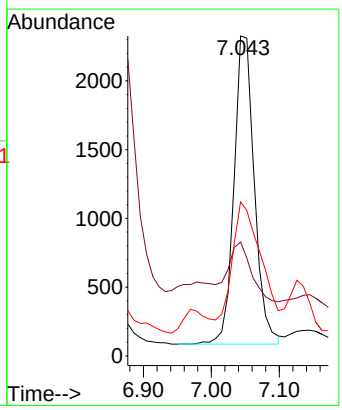


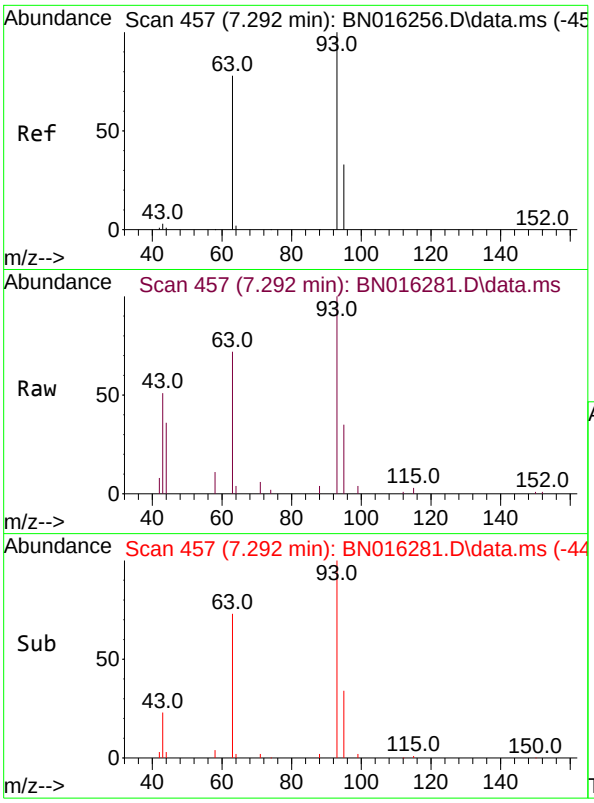


#5
Phenol-d6
Concen: 0.116 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion: 99 Resp: 4684

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.0	21.0#
71	50.7	23.8	35.6#

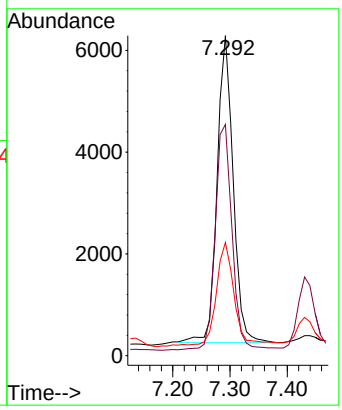




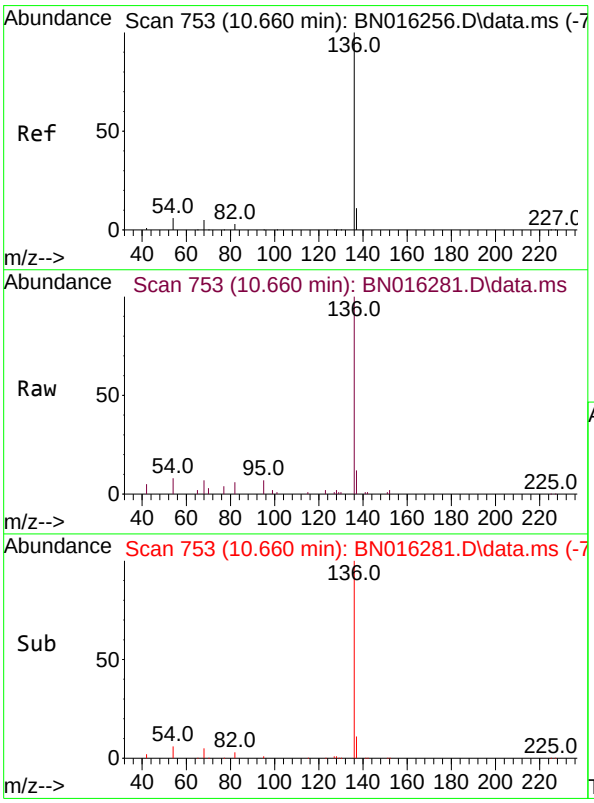
#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion: 93 Resp: 11700

Ion	Ratio	Lower	Upper
93	100		
63	77.2	63.4	95.0
95	37.1	26.8	40.2



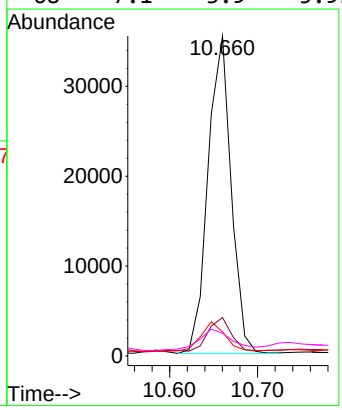
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



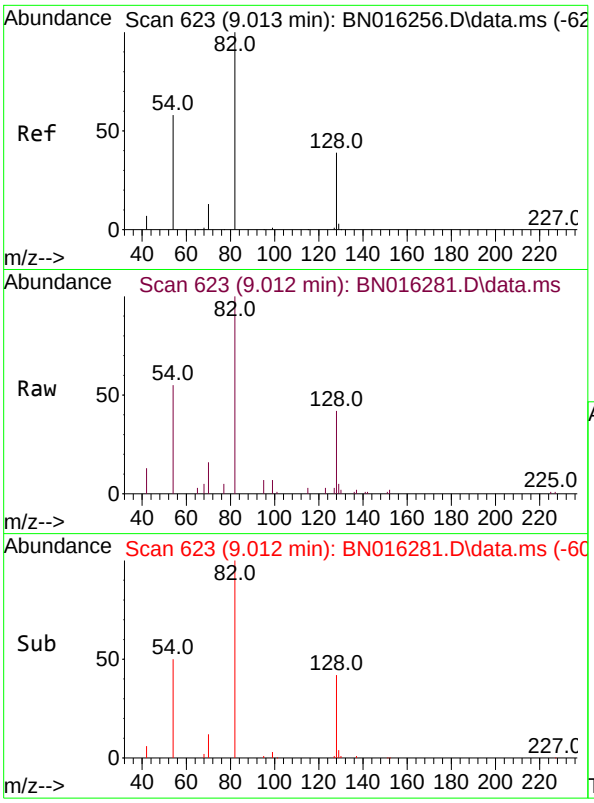
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:136 Resp: 64669

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	7.6	5.3	7.9
68	7.1	3.9	5.9#



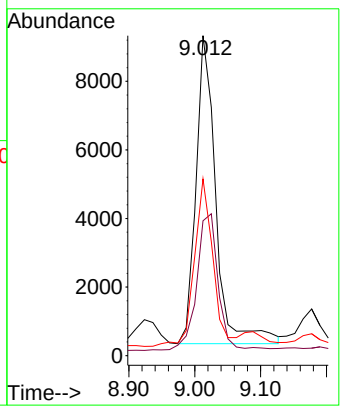
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

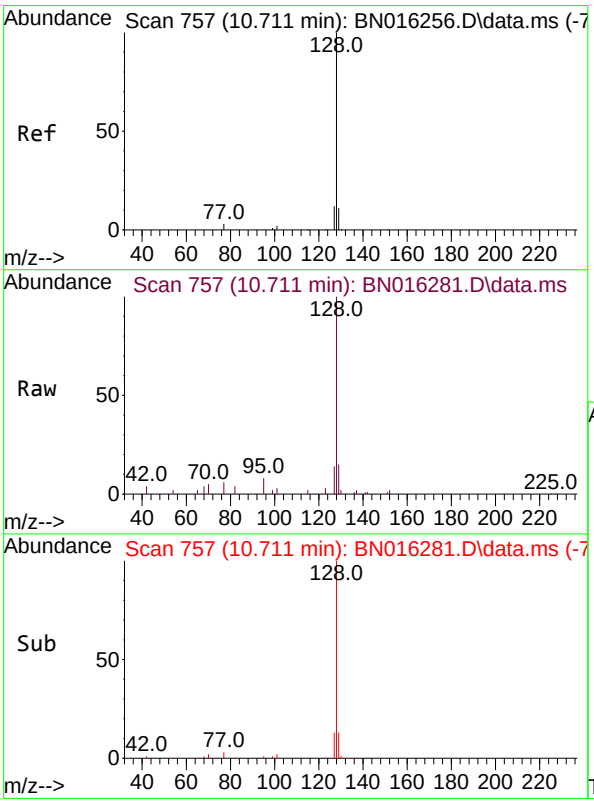


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.012 min Scan# 623
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion: 82 Resp: 18828

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.7	47.5
54	55.2	46.4	69.6

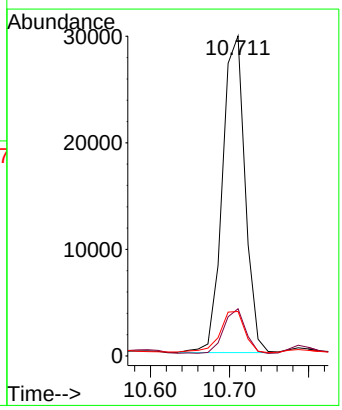


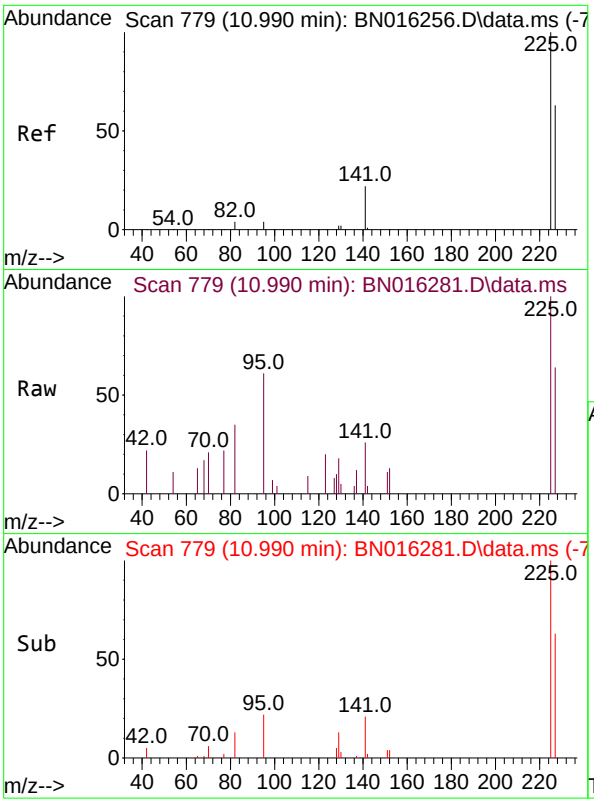


#9
Naphthalene
Concen: 0.343 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:128 Resp: 59244

Ion	Ratio	Lower	Upper
128	100		
129	14.7	8.9	13.3#
127	13.9	10.1	15.1

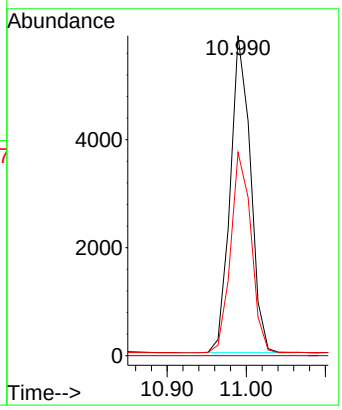




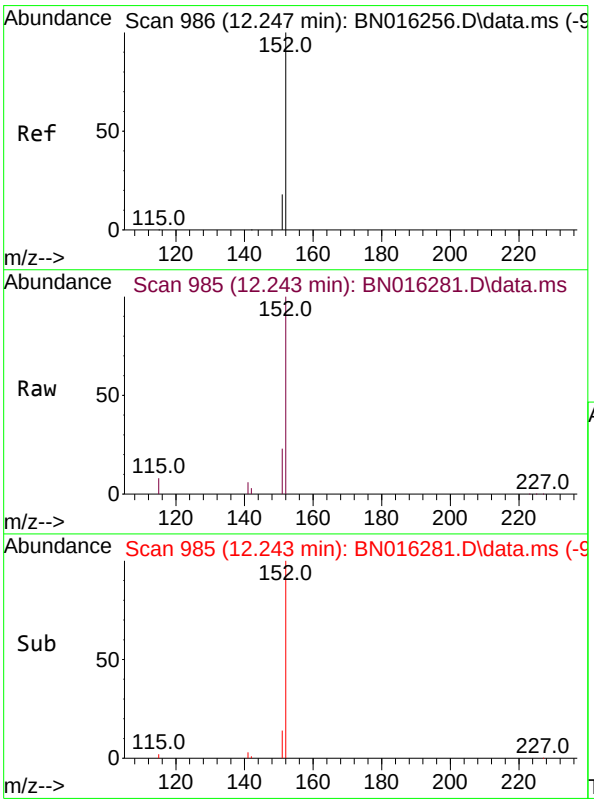
#10
Hexachlorobutadiene
Concen: 0.296 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:225 Resp: 10421

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.5	77.3



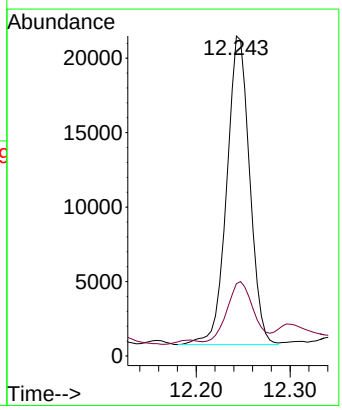
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



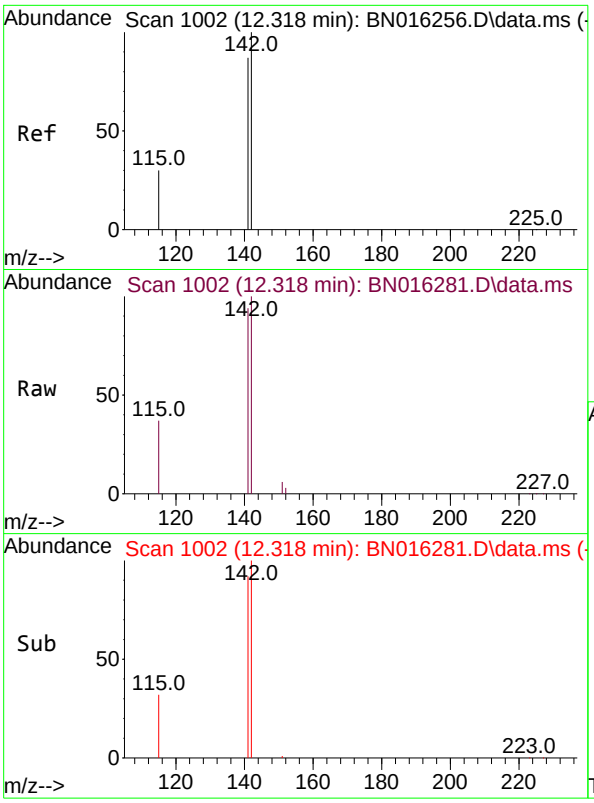
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.243 min Scan# 985
Delta R.T. -0.005 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:152 Resp: 35196

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.1	24.1



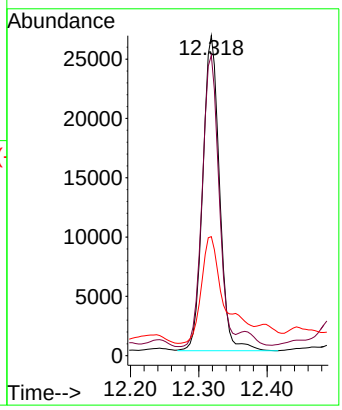
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

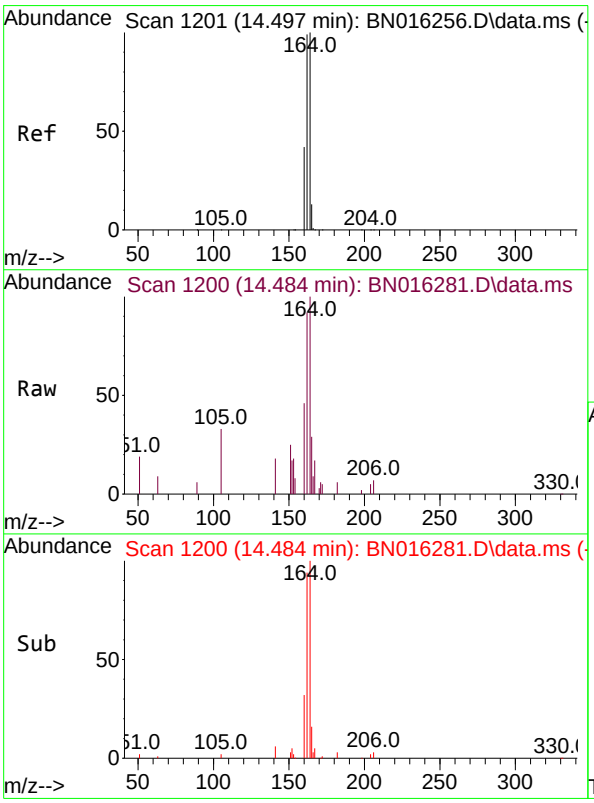


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:142 Resp: 45163

Ion	Ratio	Lower	Upper
142	100		
141	93.9	69.8	104.8
115	37.2	24.4	36.6#

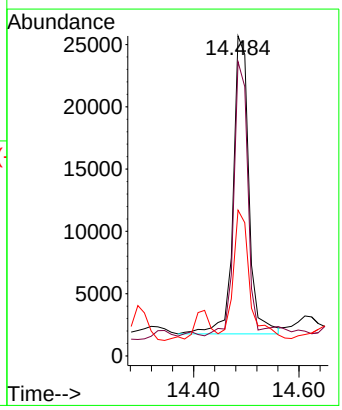




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:164 Resp: 49445

Ion	Ratio	Lower	Upper
164	100		
162	91.9	79.0	118.4
160	45.5	34.1	51.1



Instrument :
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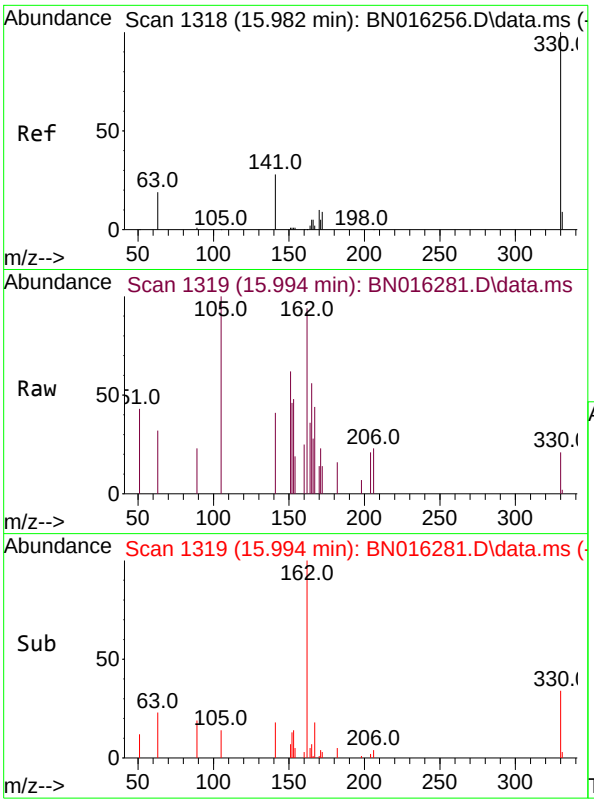
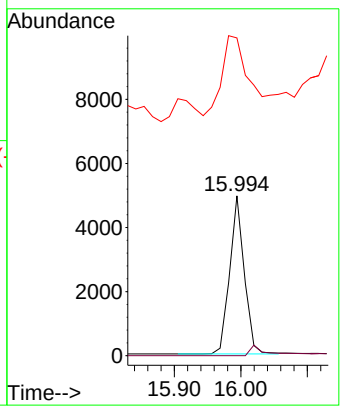
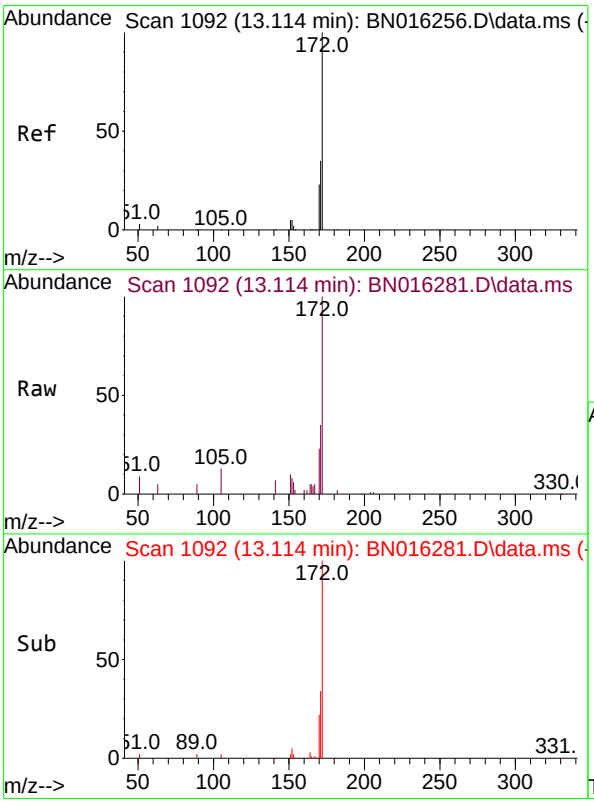


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.013 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:330 Resp: 7470

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	96.1	25.0	37.4#

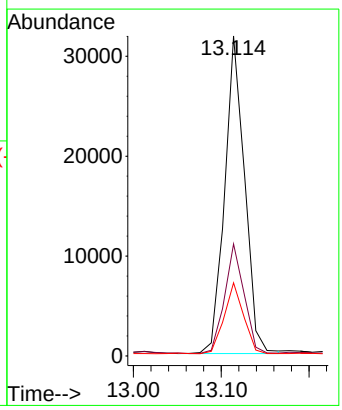




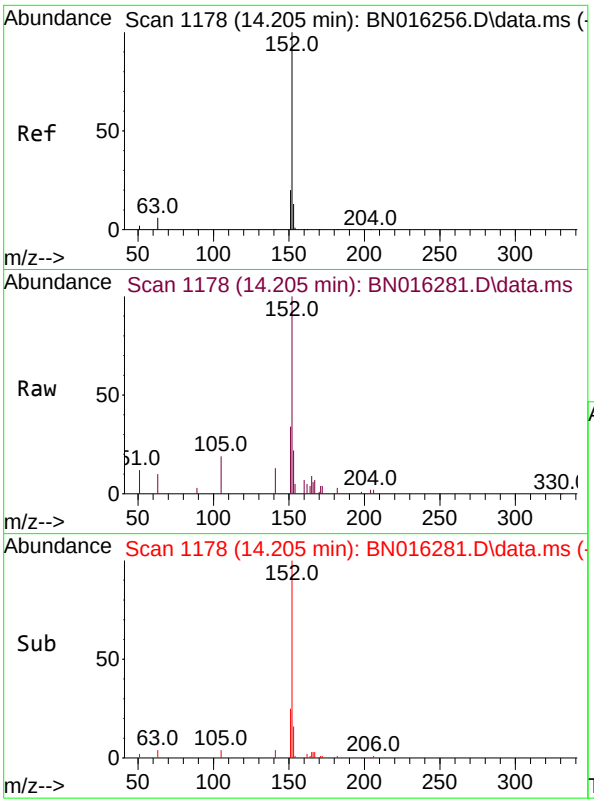
#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:172 Resp: 50206

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.9	18.2	27.2



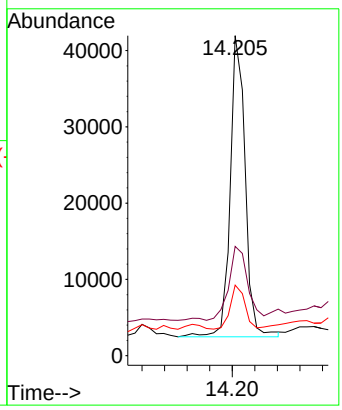
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

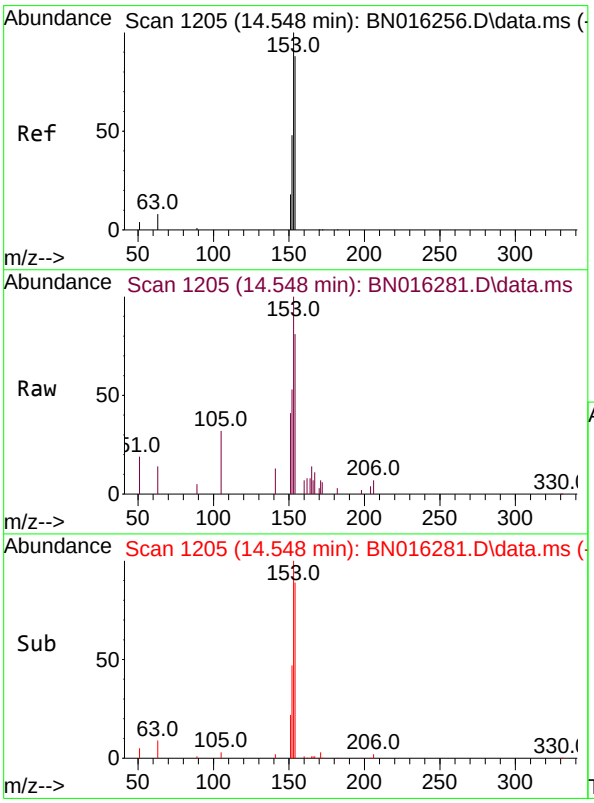


#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:152 Resp: 72994

Ion	Ratio	Lower	Upper
152	100		
151	30.8	15.2	22.8#
153	14.4	10.5	15.7

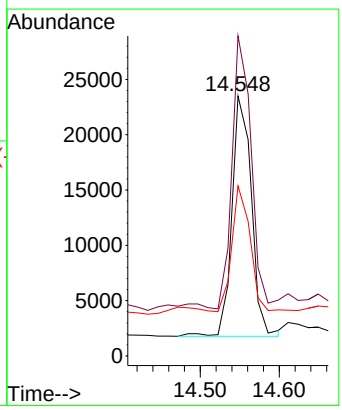




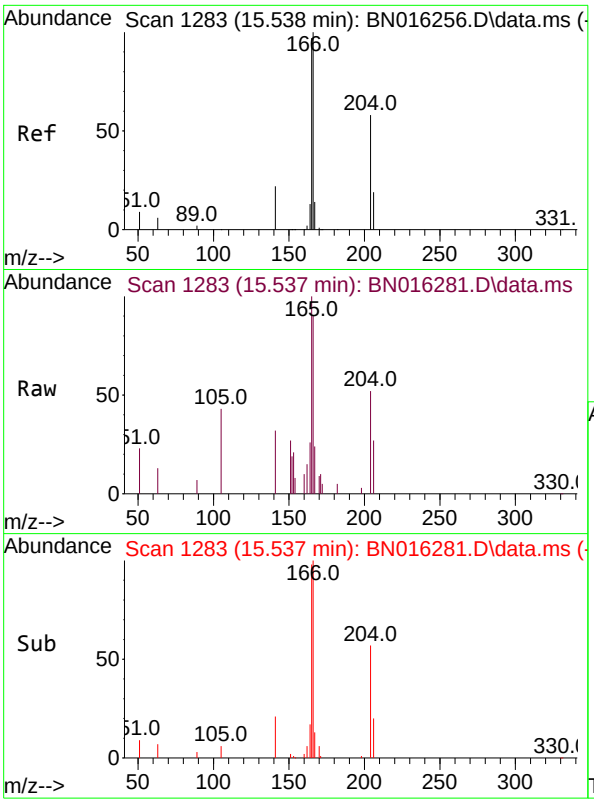
#17
Acenaphthene
Concen: 0.259 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:154 Resp: 37146

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.3	133.9
152	47.7	42.2	63.4



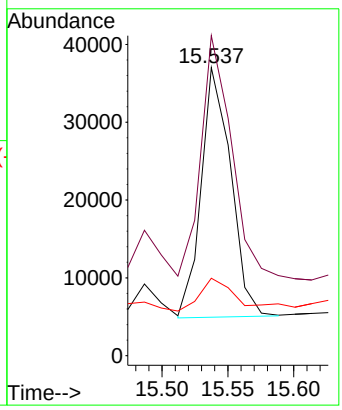
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

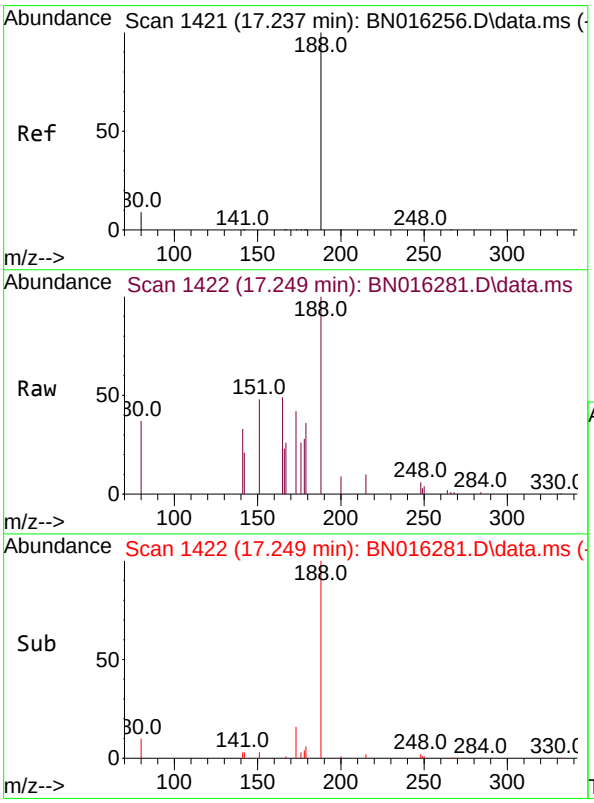


#18
Fluorene
Concen: 0.283 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:166 Resp: 50237

Ion	Ratio	Lower	Upper
166	100		
165	103.2	76.7	115.1
167	15.0	10.9	16.3

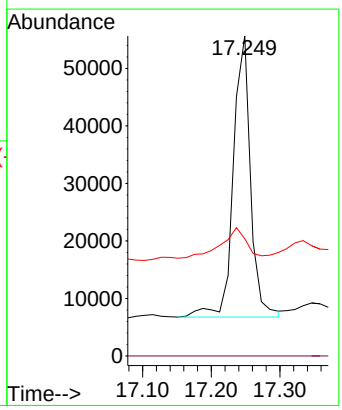




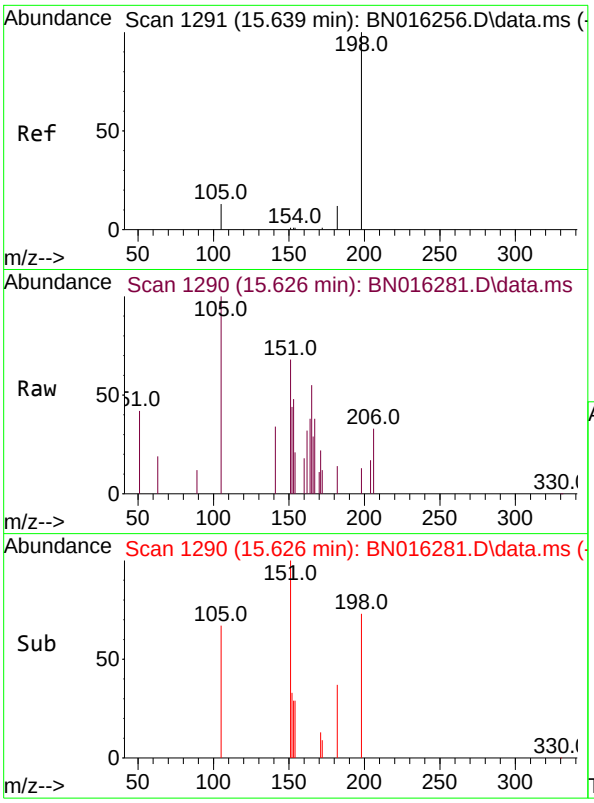
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:188 Resp: 85631

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	36.6	7.0	10.6#



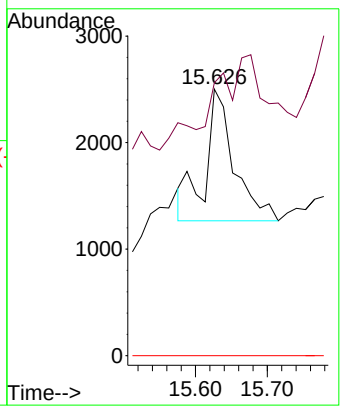
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

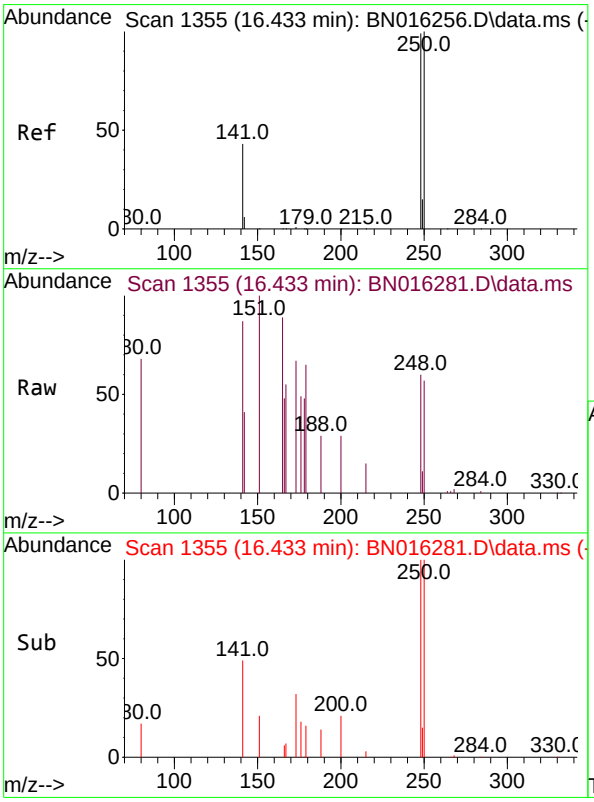


#20
4,6-Dinitro-2-methylphenol
Concen: 0.927 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:198 Resp: 3464

Ion	Ratio	Lower	Upper
198	100		
182	102.4	26.6	39.8#
77	0.0	0.0	0.0

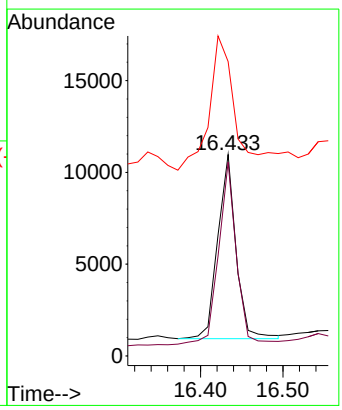


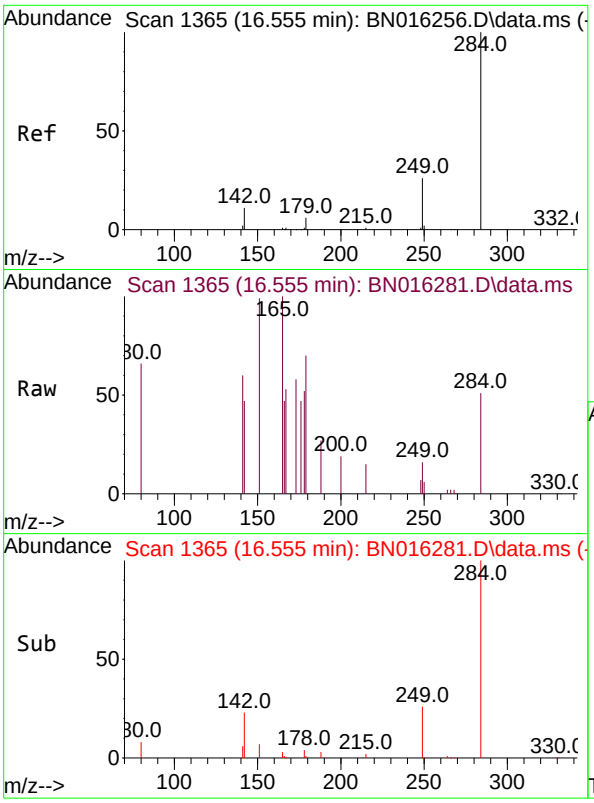


#21
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:248 Resp: 15407

Ion	Ratio	Lower	Upper
248	100		
250	96.3	80.5	120.7
141	146.1	34.8	52.2#

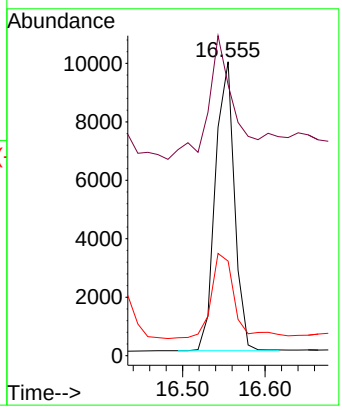




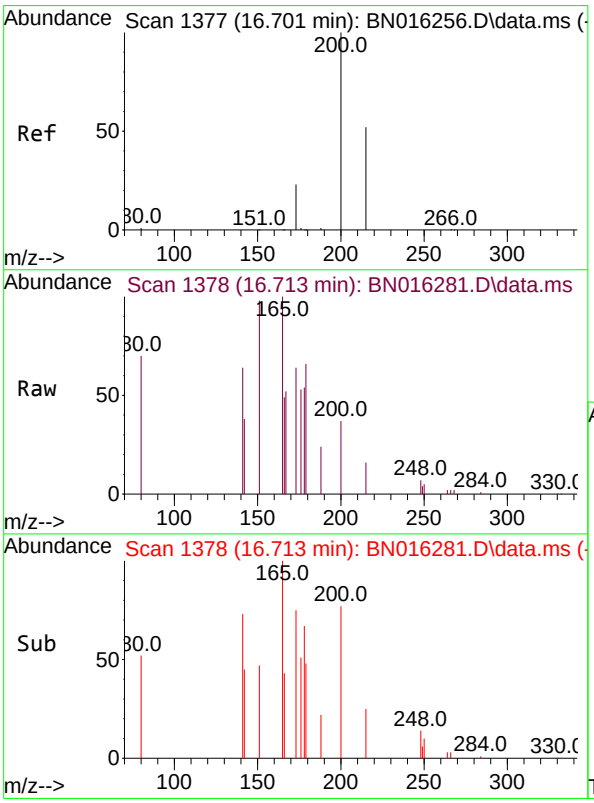
#22
Hexachlorobenzene
Concen: 0.290 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:284 Resp: 15912

Ion	Ratio	Lower	Upper
284	100		
142	42.7	22.6	34.0#
249	35.1	24.4	36.6



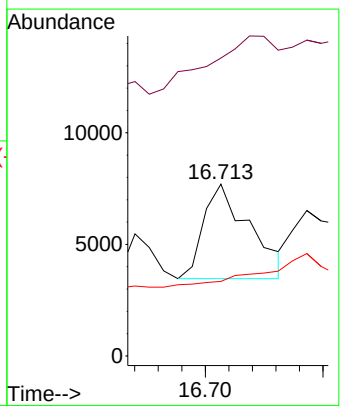
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

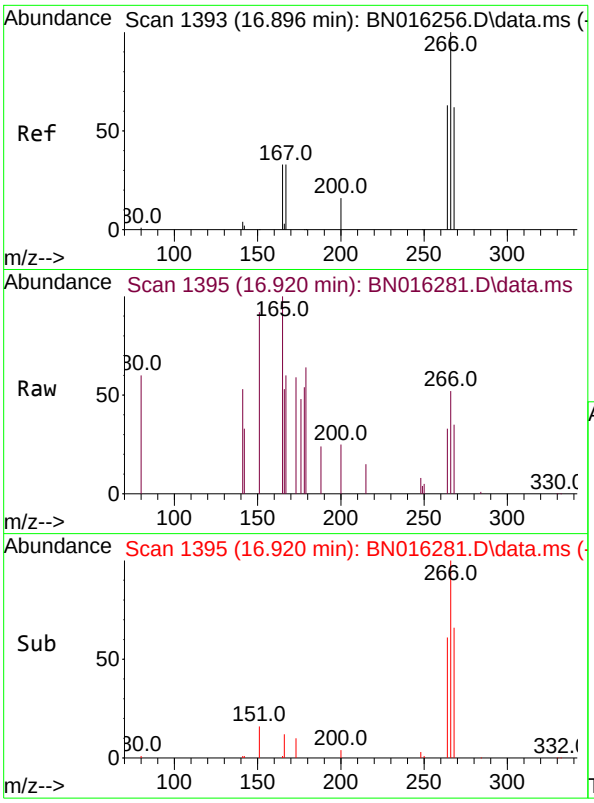


#23
Atrazine
Concen: 0.273 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:200 Resp: 11491

Ion	Ratio	Lower	Upper
200	100		
173	173.4	18.7	28.1#
215	43.4	41.6	62.4

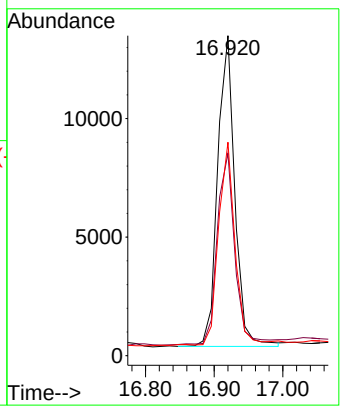




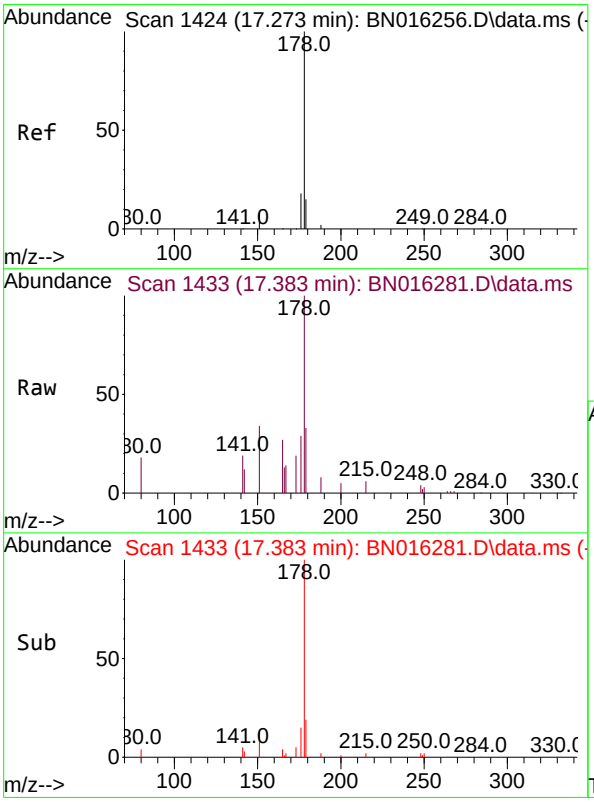
#24
Pentachlorophenol
Concen: 1.917 ng
RT: 16.920 min Scan# 1395
Delta R.T. 0.024 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:266 Resp: 22665

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.6	75.8
268	64.9	52.6	79.0



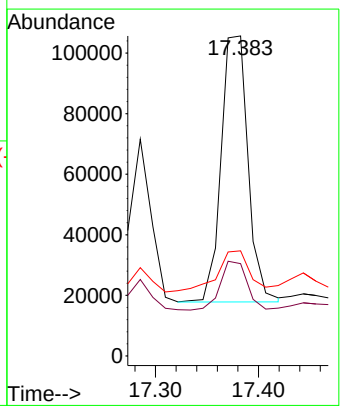
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



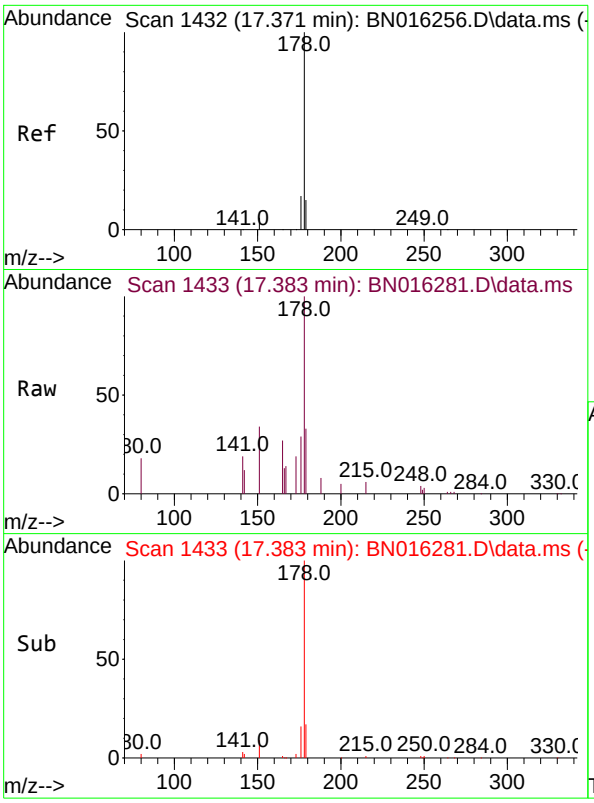
#25
Phenanthrene
Concen: 0.641 ng
RT: 17.383 min Scan# 1433
Delta R.T. 0.110 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:178 Resp: 159322

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.4	21.6
179	18.2	12.2	18.4



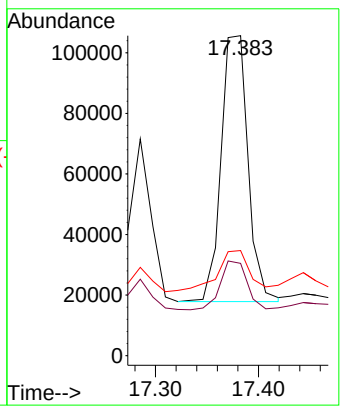
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

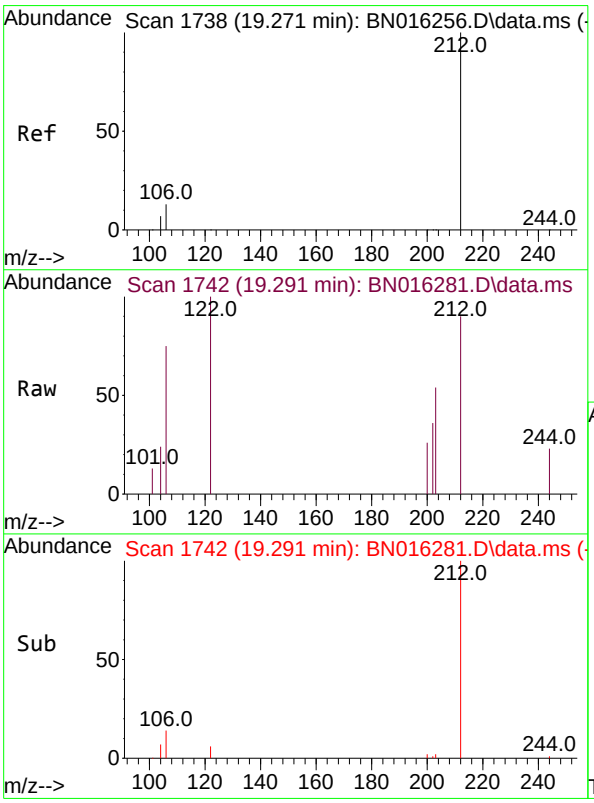


#26
Anthracene
Concen: 0.696 ng
RT: 17.383 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:178 Resp: 159161

Ion	Ratio	Lower	Upper
178	100		
176	18.6	13.9	20.9
179	17.2	12.2	18.4

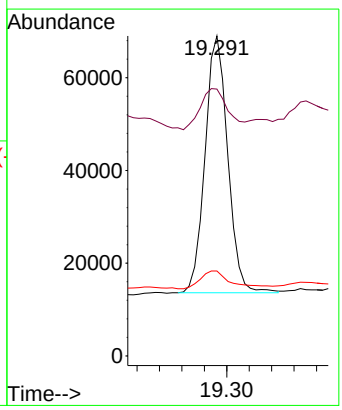


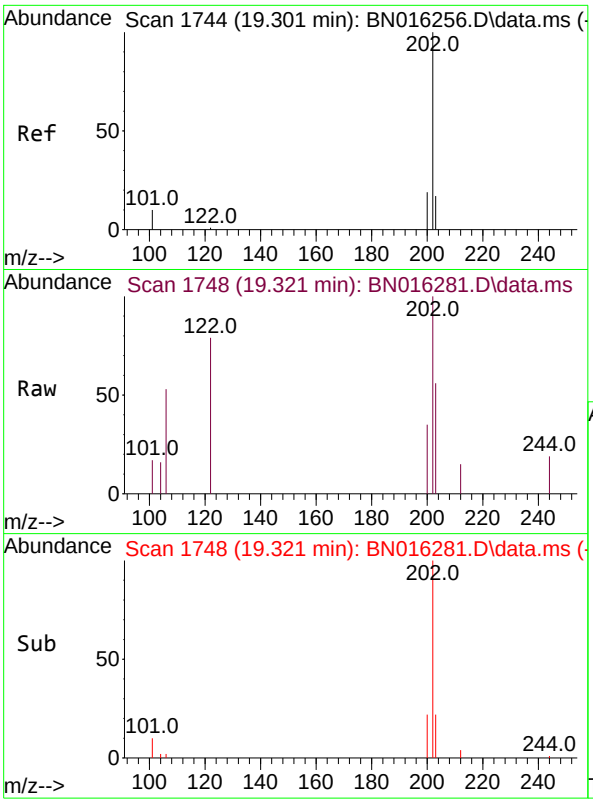


#27
Fluoranthene-d10
Concen: 0.309 ng
RT: 19.291 min Scan# 1742
Delta R.T. 0.020 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:212 Resp: 77662

Ion	Ratio	Lower	Upper
212	100		
106	19.5	9.8	14.6#
104	9.6	5.4	8.2#

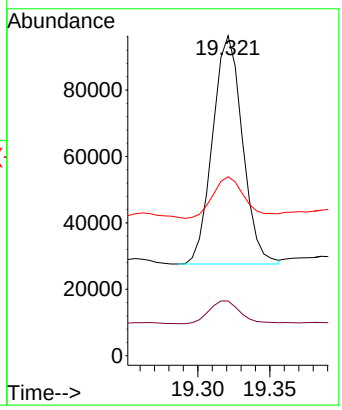


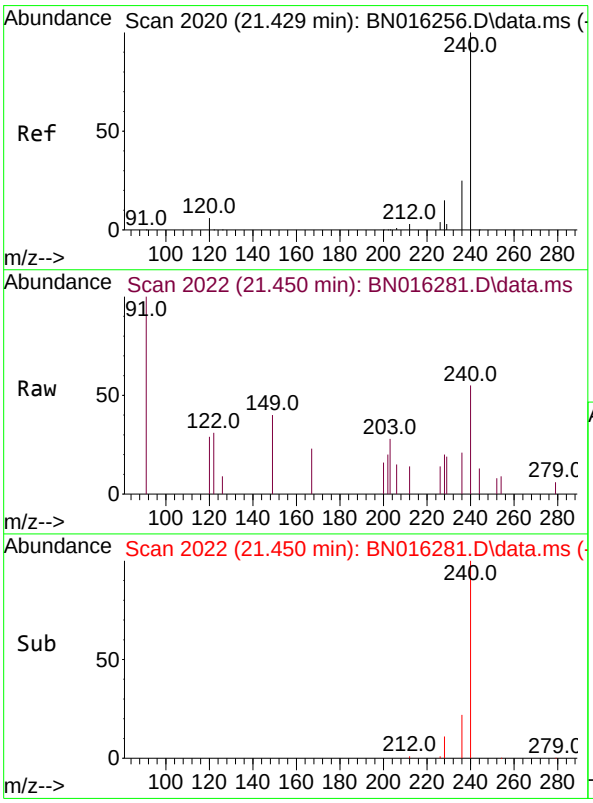


#28
Fluoranthene
Concen: 0.340 ng
RT: 19.321 min Scan# 1748
Delta R.T. 0.020 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:202 Resp: 99208

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
203	19.7	13.8	20.8

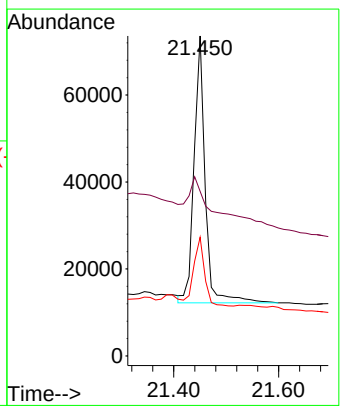




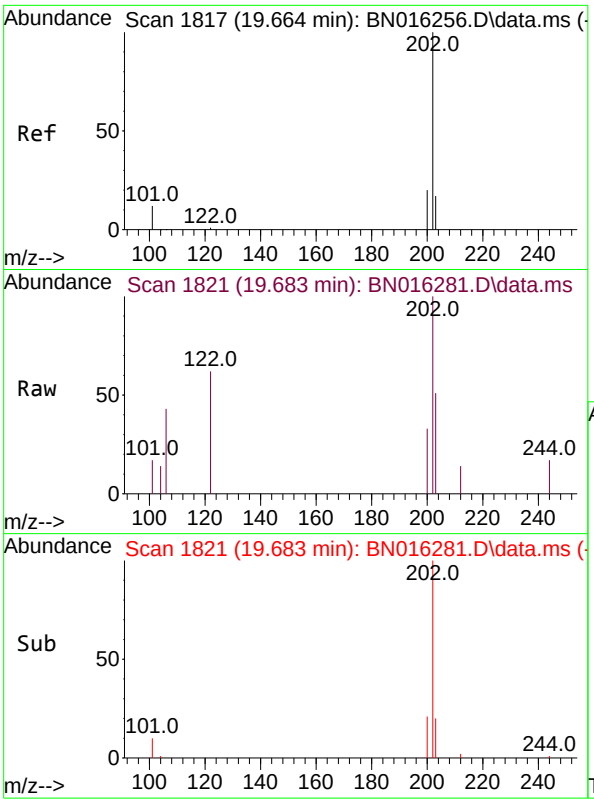
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.450 min Scan# 2022
Delta R.T. 0.021 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:240 Resp: 90509

Ion	Ratio	Lower	Upper
240	100		
120	51.5	5.3	7.9#
236	37.1	19.8	29.8#



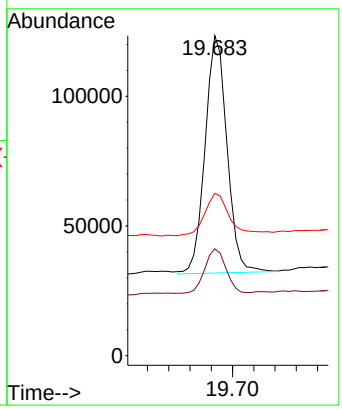
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



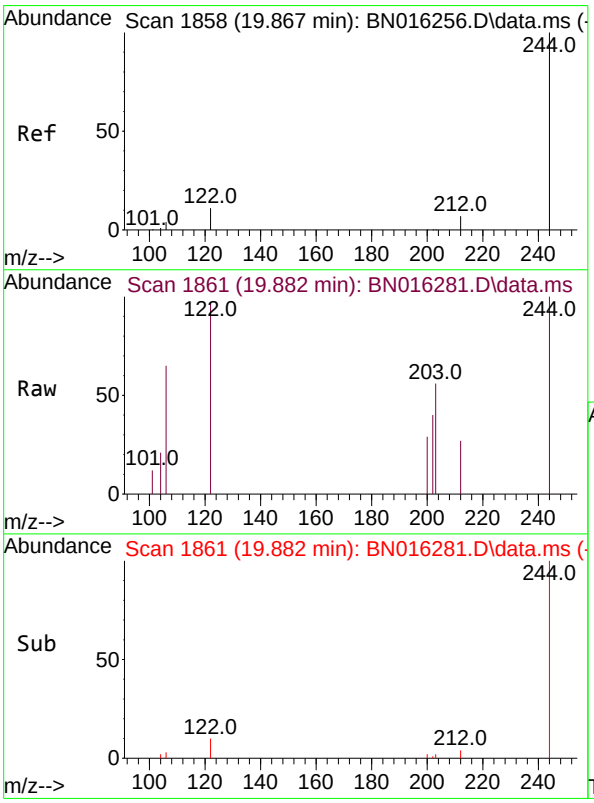
#30
Pyrene
Concen: 0.427 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.020 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:202 Resp: 130883

Ion	Ratio	Lower	Upper
202	100		
200	18.4	15.8	23.6
203	20.3	13.9	20.9



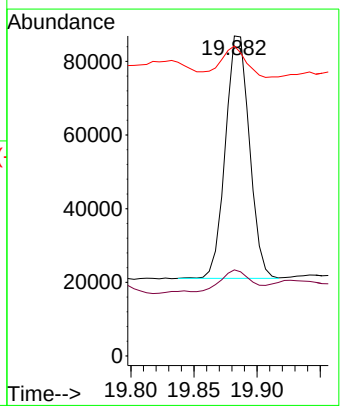
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



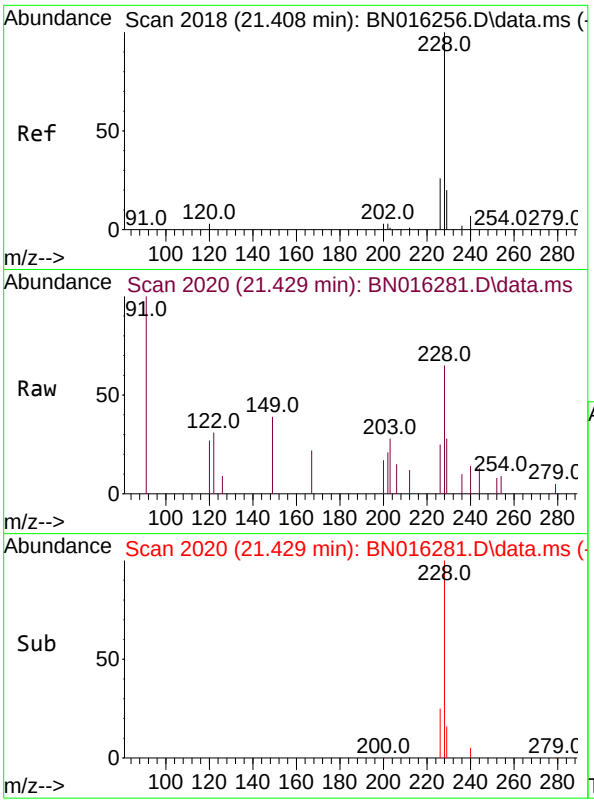
#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.882 min Scan# 1861
Delta R.T. 0.015 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:244 Resp: 87289

Ion	Ratio	Lower	Upper
244	100		
212	26.9	5.5	8.3#
122	96.8	9.0	13.4#



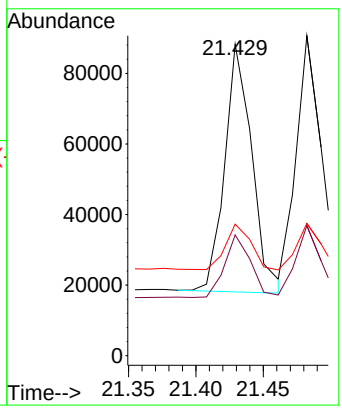
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

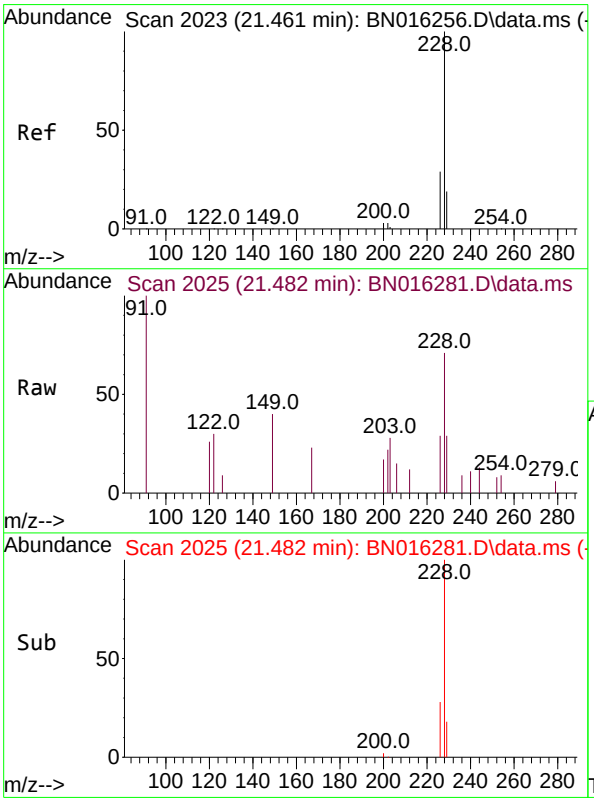


#32
Benzo(a)anthracene
Concen: 0.348 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.021 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:228 Resp: 98184

Ion	Ratio	Lower	Upper
228	100		
226	38.8	20.8	31.2#
229	42.2	15.8	23.6#

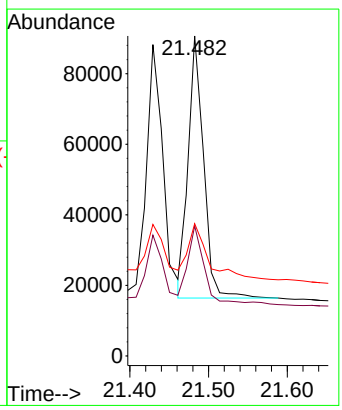




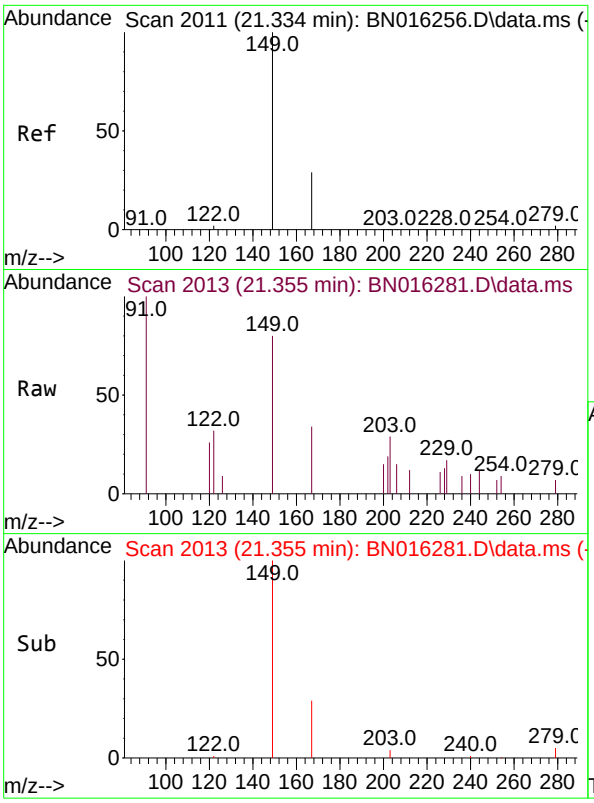
#33
Chrysene
Concen: 0.362 ng
RT: 21.482 min Scan# 2025
Delta R.T. 0.021 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:228 Resp: 101320

Ion	Ratio	Lower	Upper
228	100		
226	40.6	23.0	34.4#
229	41.4	15.6	23.4#



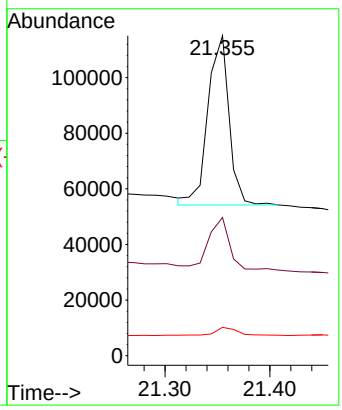
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

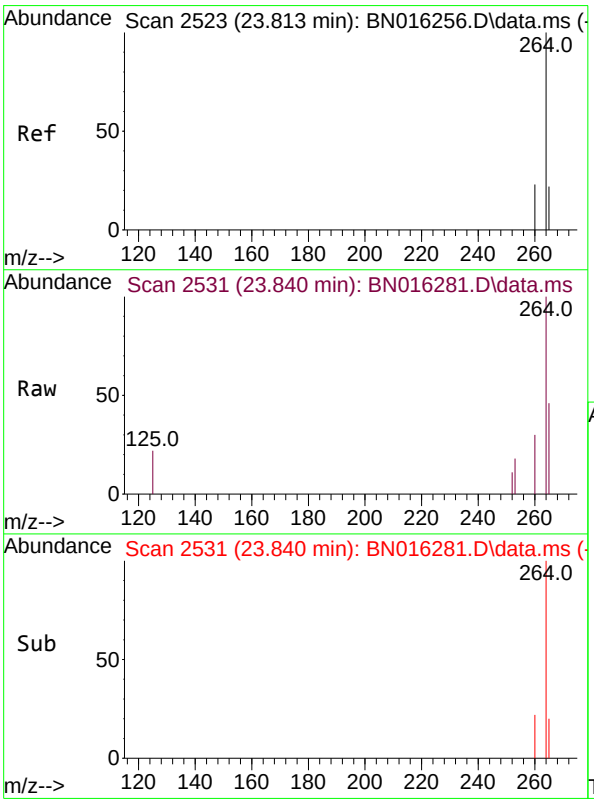


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.490 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.021 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:149 Resp: 85097

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.4	35.0
279	5.2	3.9	5.9

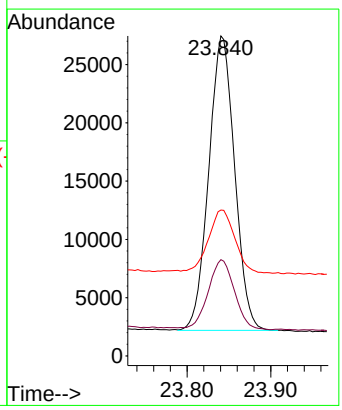




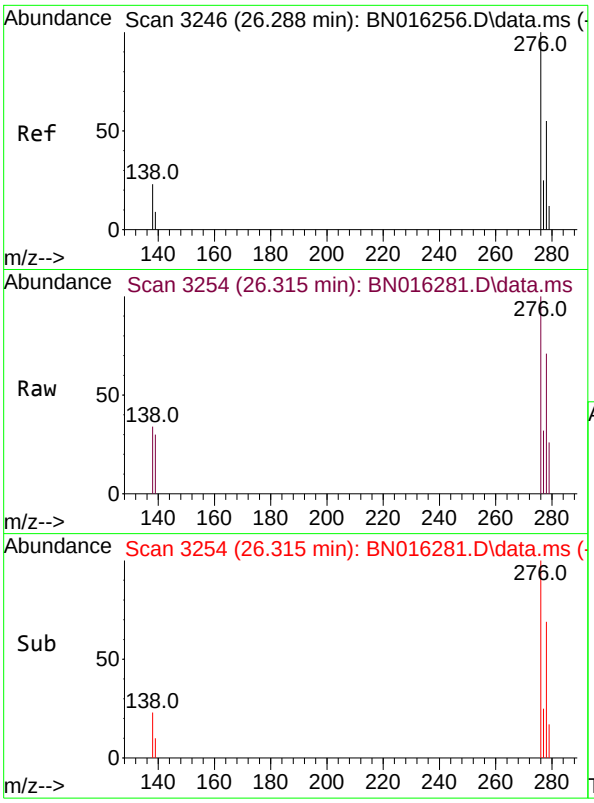
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.840 min Scan# 2531
Delta R.T. 0.027 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:264 Resp: 54245

Ion	Ratio	Lower	Upper
264	100		
260	30.1	18.9	28.3#
265	45.6	23.7	35.5#



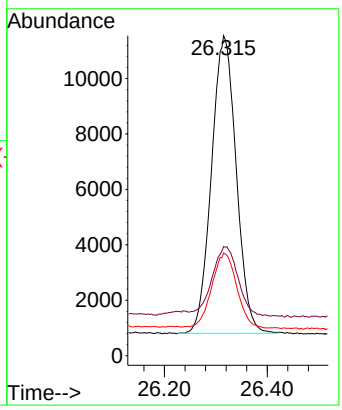
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

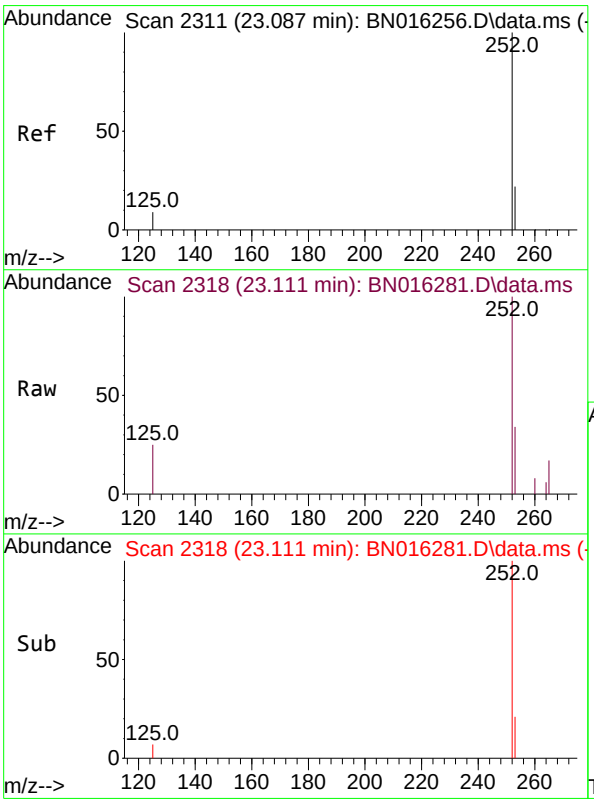


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.315 min Scan# 3254
Delta R.T. 0.027 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:276 Resp: 35866

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	25.5	20.2	30.2

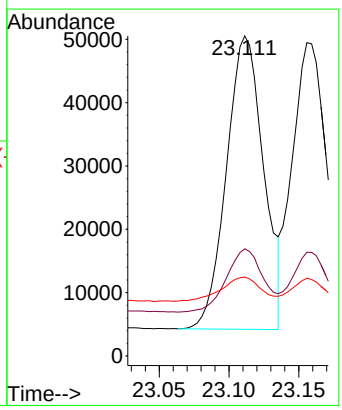




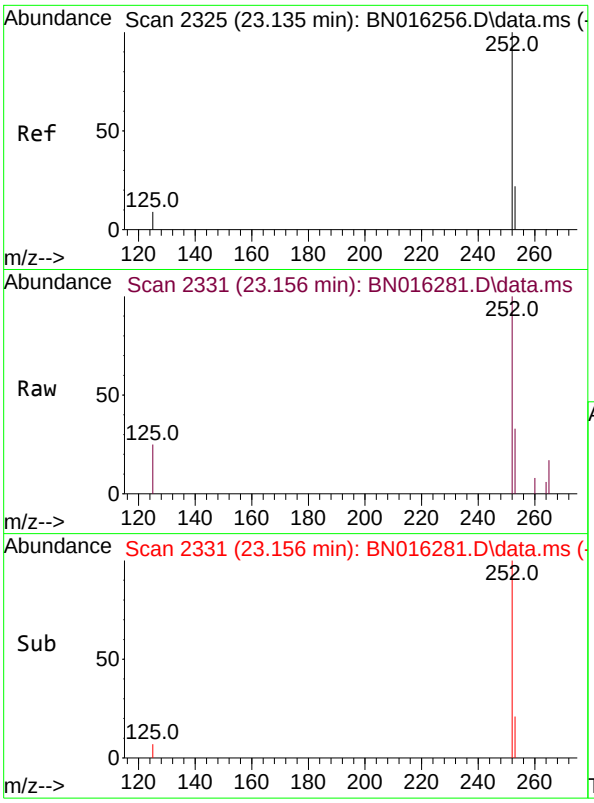
#37
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.111 min Scan# 2318
Delta R.T. 0.024 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:252 Resp: 85845

Ion	Ratio	Lower	Upper
252	100		
253	33.5	18.2	27.2#
125	24.7	8.4	12.6#



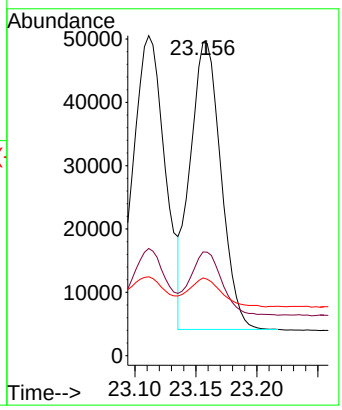
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

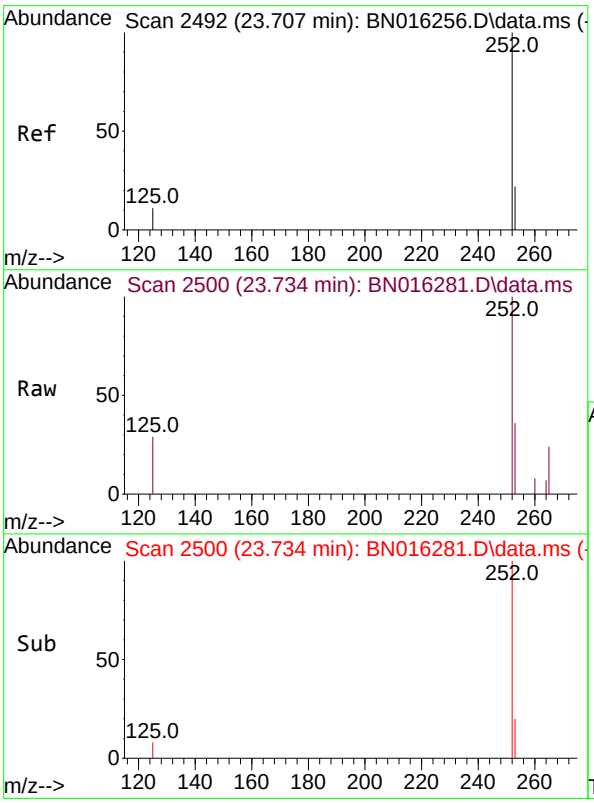


#38
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.156 min Scan# 2331
Delta R.T. 0.020 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:252 Resp: 79652

Ion	Ratio	Lower	Upper
252	100		
253	33.1	18.2	27.2#
125	24.8	8.2	12.4#

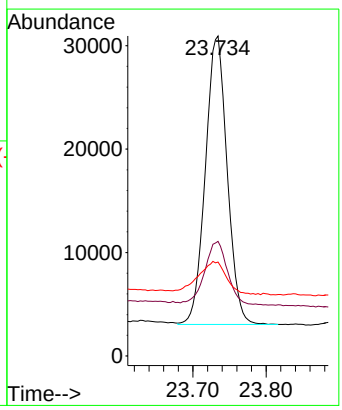


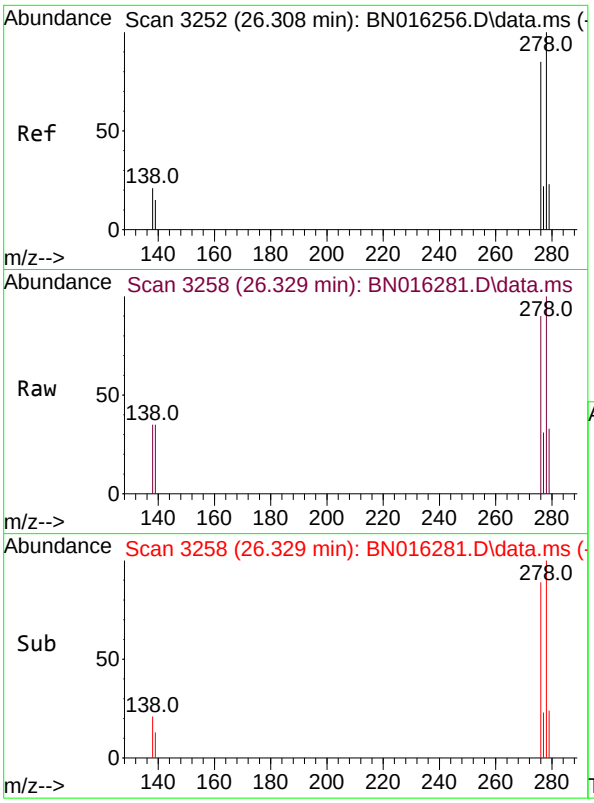


#39
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.734 min Scan# 2500
Delta R.T. 0.027 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:252 Resp: 57797

Ion	Ratio	Lower	Upper
252	100		
253	35.8	18.7	28.1#
125	29.4	9.9	14.9#

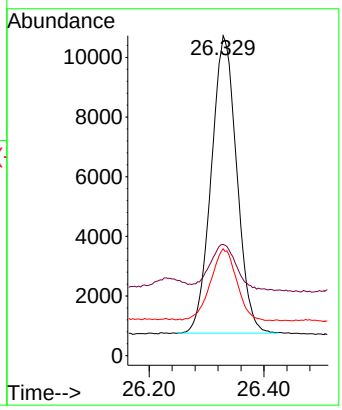




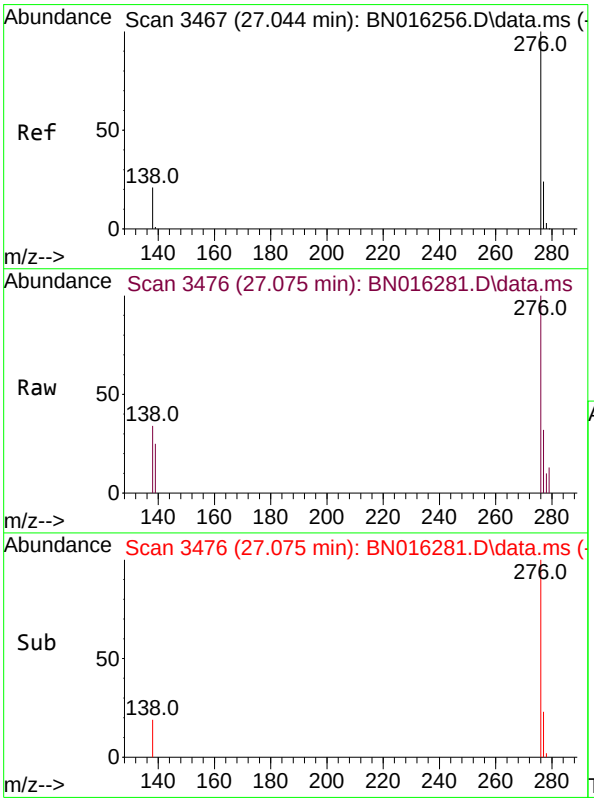
#40
Dibenzo(a,h)anthracene
Concen: 0.444 ng
RT: 26.329 min Scan# 3258
Delta R.T. 0.021 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:278 Resp: 30667

Ion	Ratio	Lower	Upper
278	100		
139	34.7	14.2	21.2#
279	33.4	21.3	31.9#



Instrument :
BNA_N
ClientSampleId :
VE4-11MS



#41
Benzo(g,h,i)perylene
Concen: 0.336 ng
RT: 27.075 min Scan# 3476
Delta R.T. 0.031 min
Lab File: BN016281.D
Acq: 10 Sep 2021 06:56

Tgt Ion:276 Resp: 25198

Ion	Ratio	Lower	Upper
276	100		
277	32.1	20.5	30.7#
138	34.4	18.2	27.4#