

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
 Data File : BN012135.D
 Acq On : 09 Oct 2020 22:43
 Operator : CG/JU
 Sample : L4342-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BACKFILL OFFSITE-2-SO-2

Quant Time: Oct 10 01:58:36 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 18:10:29 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

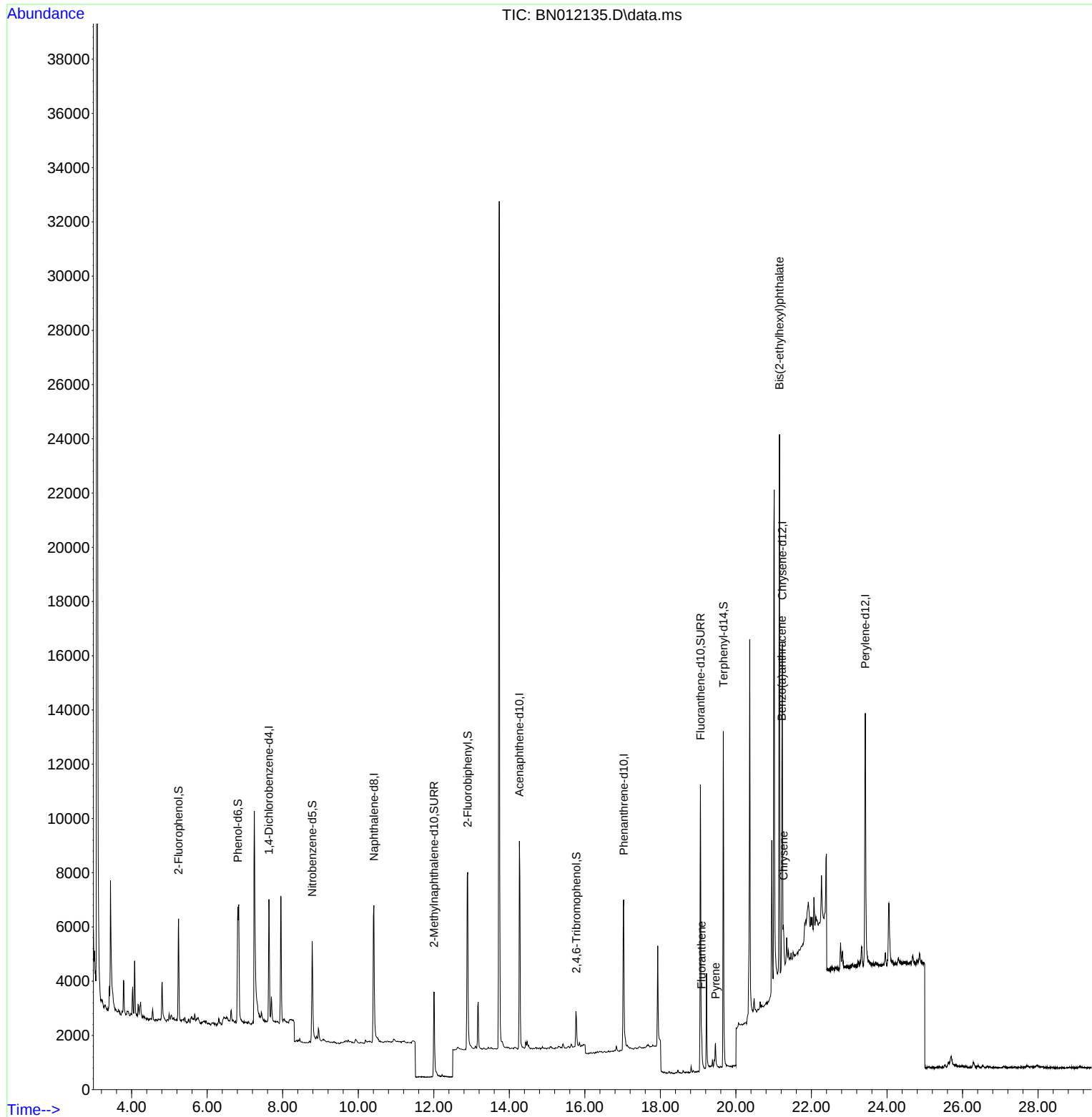
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	2152	0.40	ng	0.00
7) Naphthalene-d8	10.415	136	8729	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	4943	0.40	ng	-0.01
19) Phenanthrene-d10	17.029	188	10425	0.40	ng	# 0.00
29) Chrysene-d12	21.227	240	12017	0.40	ng	# 0.00
36) Perylene-d12	23.425	264	12652	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.243	112	2815	0.37	ng	0.00
5) Phenol-d6	6.813	99	3474	0.37	ng	0.00
8) Nitrobenzene-d5	8.780	82	3662	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	5426	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	1150	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	7333	0.39	ng	0.00
27) Fluoranthene-d10	19.062	212	12568	0.41	ng	0.00
31) Terphenyl-d14	19.668	244	12318	0.45	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.092	202	760	0.02	ng	# 35
30) Pyrene	19.459	202	960	0.02	ng	97
32) Benzo(a)anthracene	21.216	228	1026	0.03	ng	# 80
33) Chrysene	21.258	228	1240	0.03	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.152	149	18083	0.66	ng	# 90

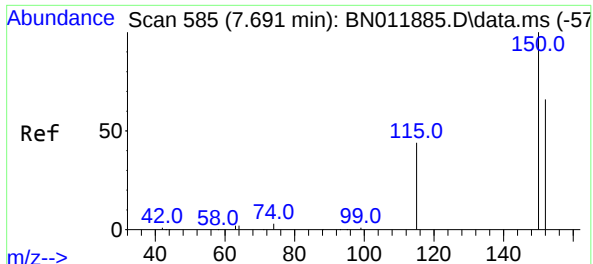
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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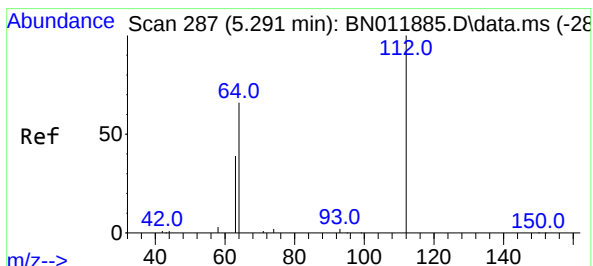
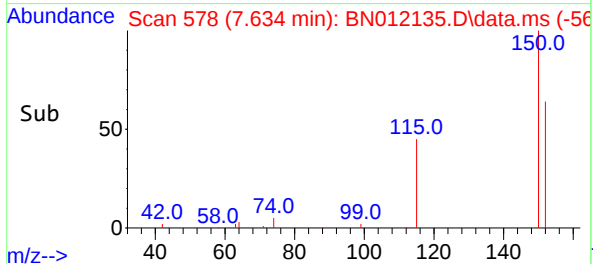
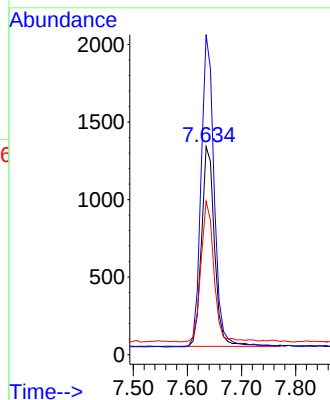
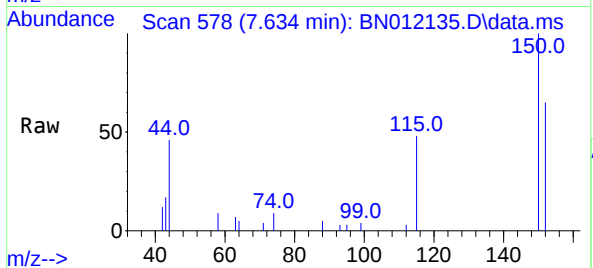




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.634 min Scan# 578
Delta R.T. -0.008 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

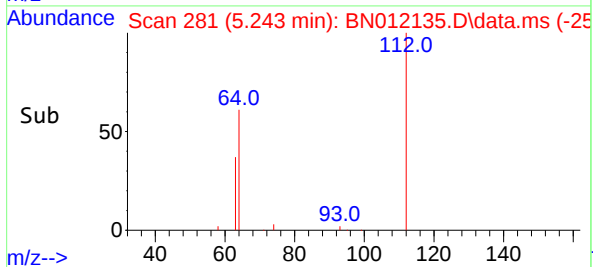
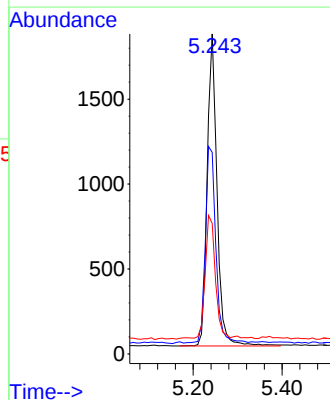
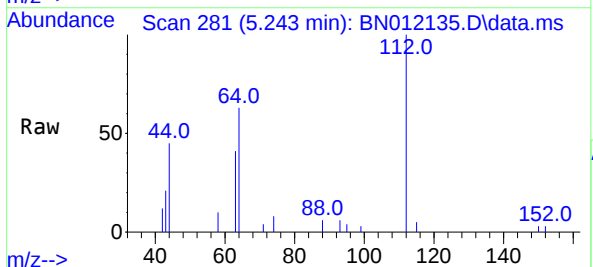
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-2-SO-2

Tgt Ion:152 Resp: 2152
Ion Ratio Lower Upper
152 100
150 153.8 118.3 177.5
115 73.8 51.3 76.9



#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.243 min Scan# 281
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:112 Resp: 2815
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.6
63 41.9 31.8 47.6

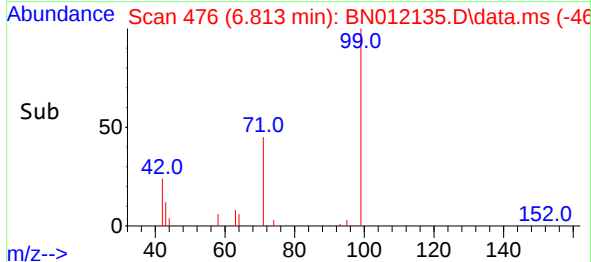
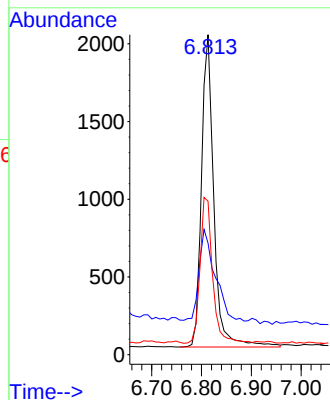
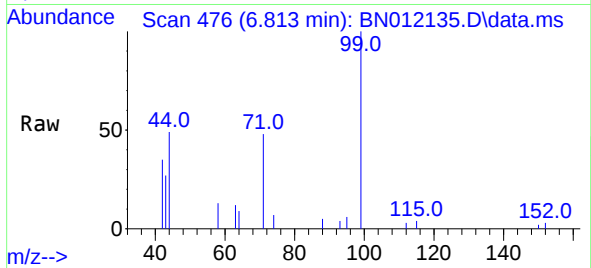




#5
Phenol-d6
Concen: 0.37 ng
RT: 6.813 min Scan# 476
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

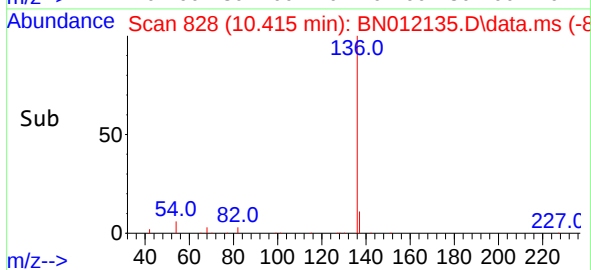
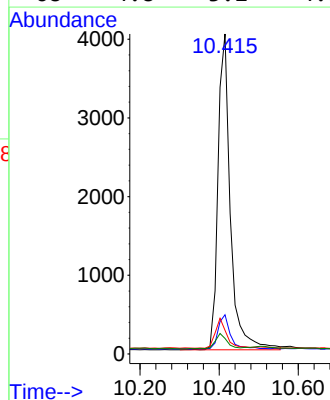
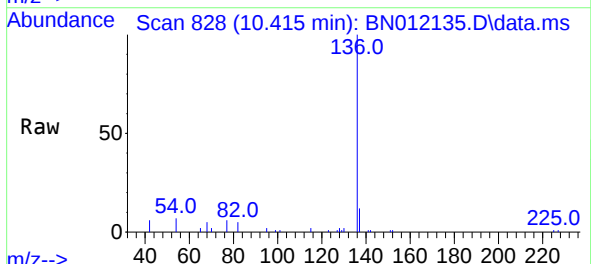
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-2-SO-2

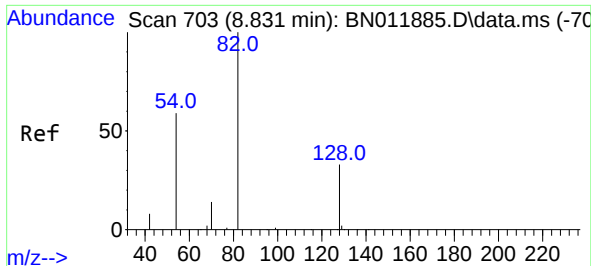
Tgt Ion: 99 Resp: 3474
Ion Ratio Lower Upper
99 100
42 37.9 23.4 35.0#
71 47.3 38.1 57.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.415 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion: 136 Resp: 8729
Ion Ratio Lower Upper
136 100
137 12.2 9.5 14.3
54 7.4 5.6 8.4
68 4.8 3.2 4.8#

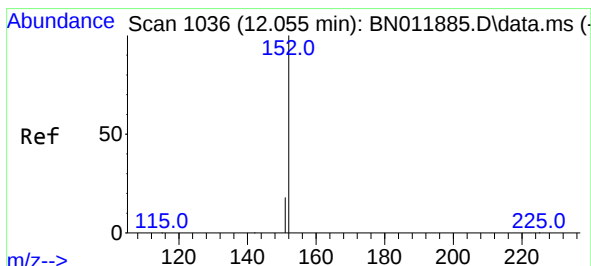
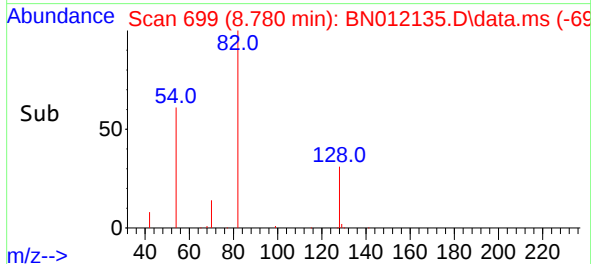
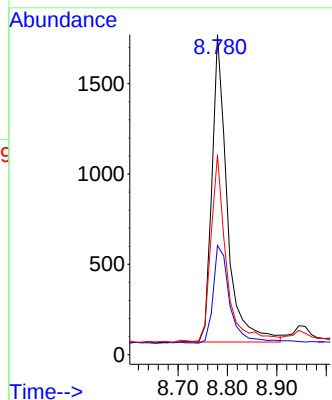
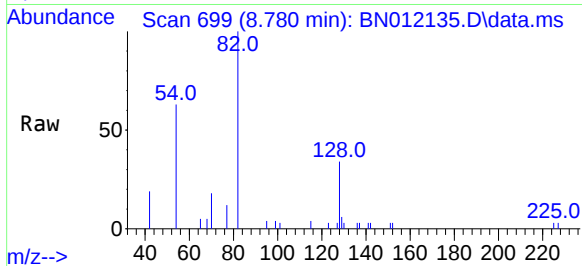




#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.780 min Scan# 699
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

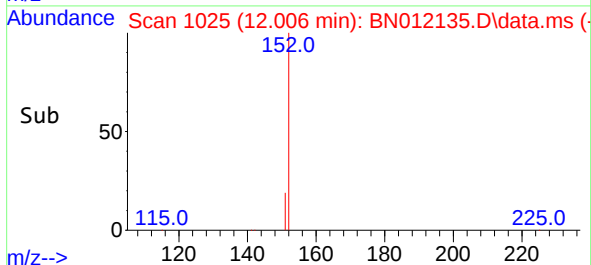
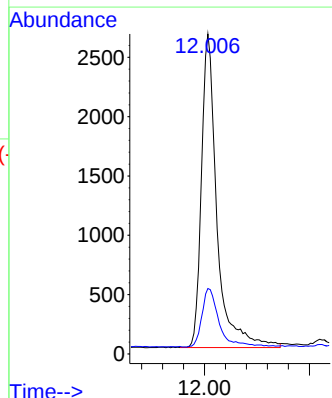
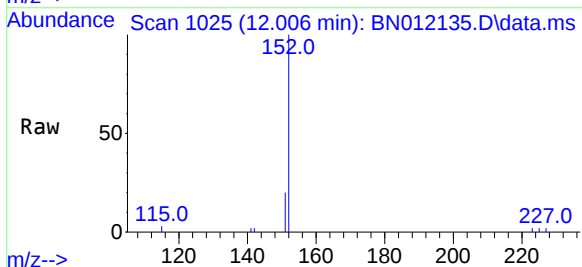
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-2-SO-2

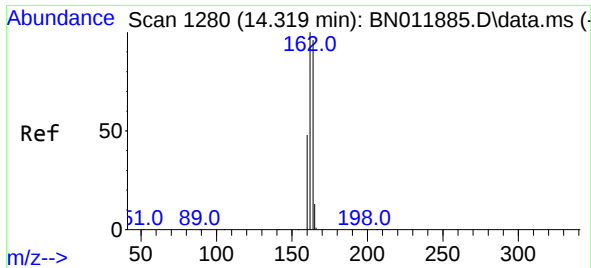
Tgt Ion:	82	Resp:	3662
Ion	Ratio	Lower	Upper
82	100		
128	34.2	34.2	51.2
54	62.5	43.1	64.7



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.006 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:	152	Resp:	5426
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1

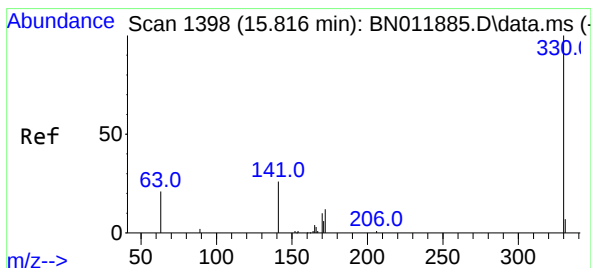
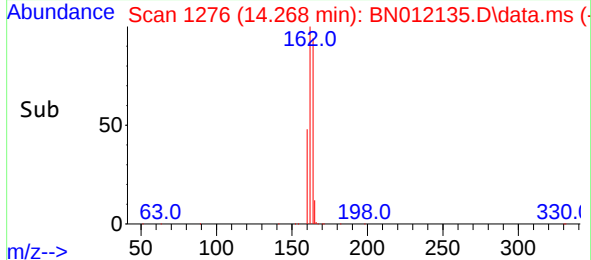
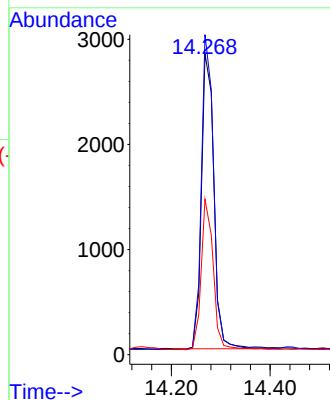
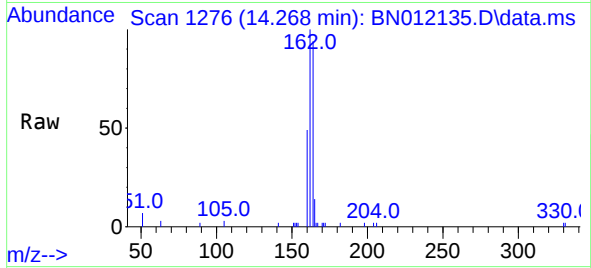




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1276
Delta R.T. -0.013 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

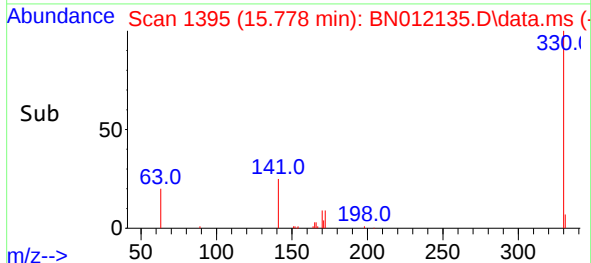
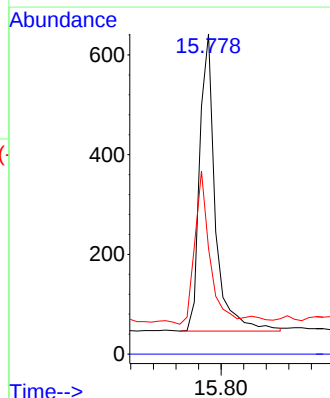
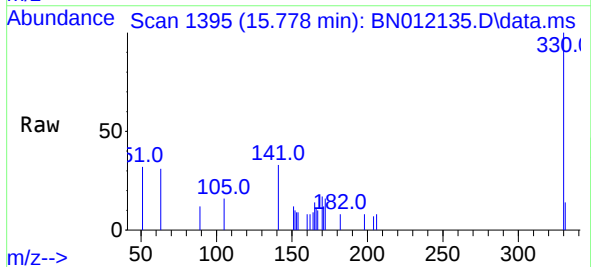
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-2-SO-2

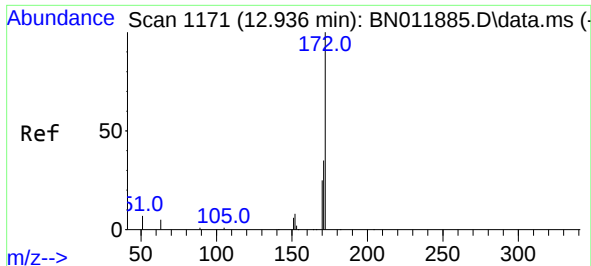
Tgt Ion:164 Resp: 4943
Ion Ratio Lower Upper
164 100
162 106.4 83.6 125.4
160 51.6 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 15.778 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:330 Resp: 1150
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.3 33.7 50.5



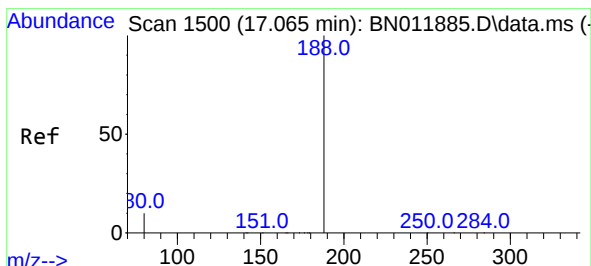
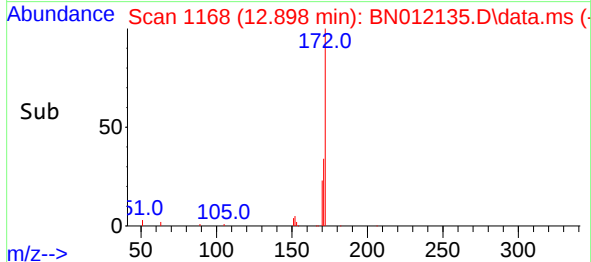
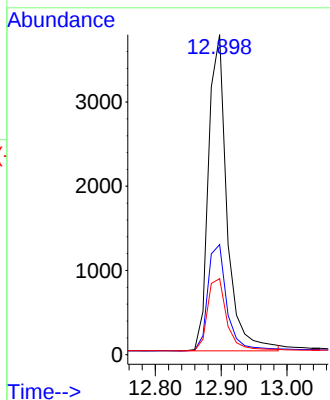
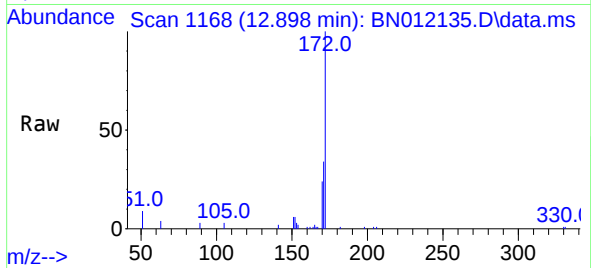


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.898 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-2-SO-2

Tgt Ion:172 Resp: 7333

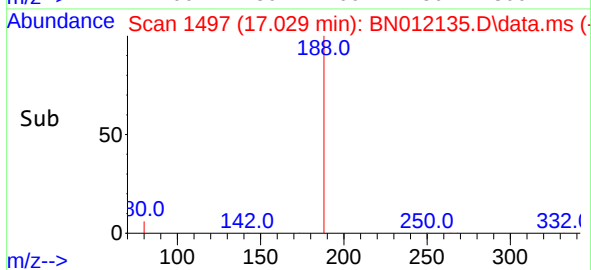
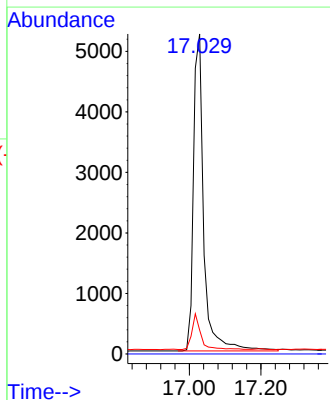
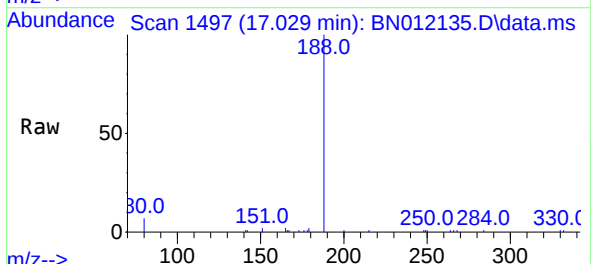
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.2
170	23.8	17.8	26.6

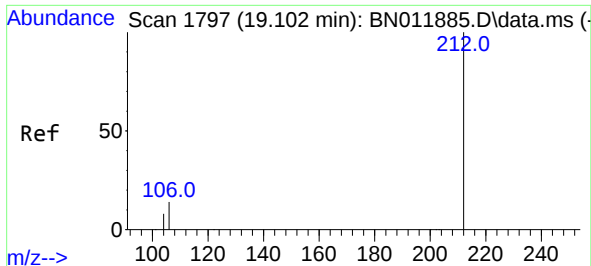


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:188 Resp: 10425

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.7	11.5

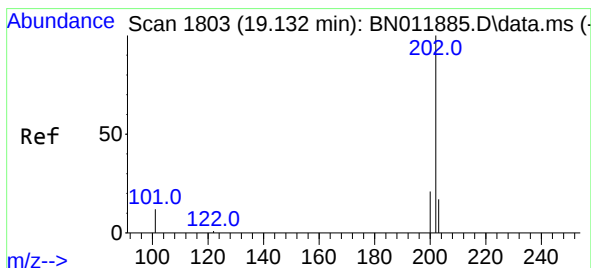
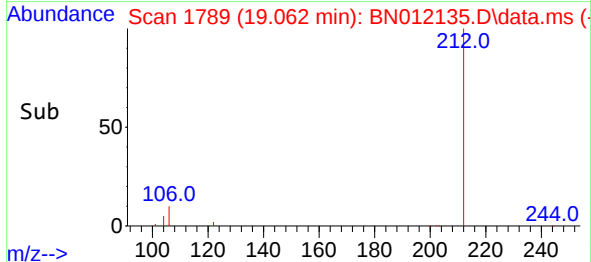
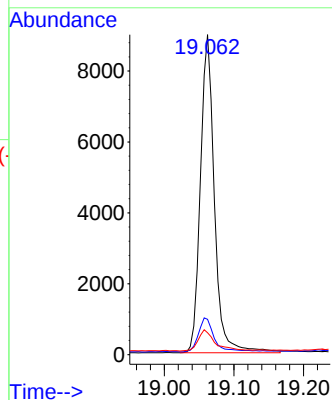
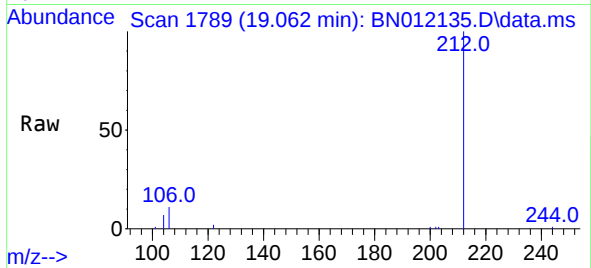




#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.062 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

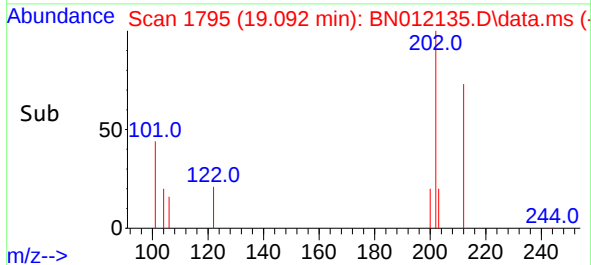
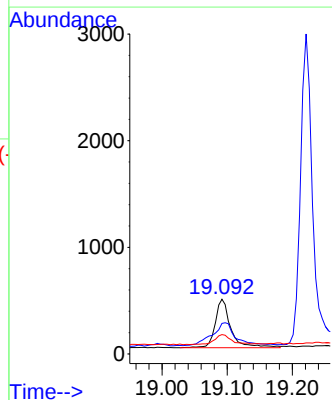
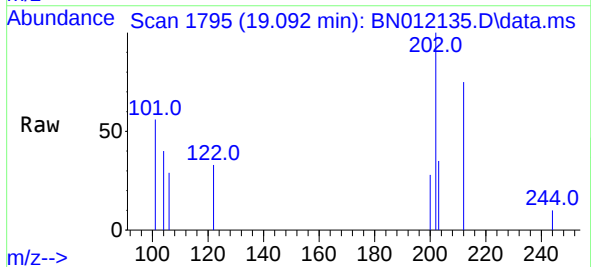
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-2-SO-2

Tgt Ion:212 Resp: 12568
Ion Ratio Lower Upper
212 100
106 12.0 6.4 9.6#
104 8.1 3.9 5.9#



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:202 Resp: 760
Ion Ratio Lower Upper
202 100
101 73.3 5.4 8.2#
203 23.2 13.8 20.6#

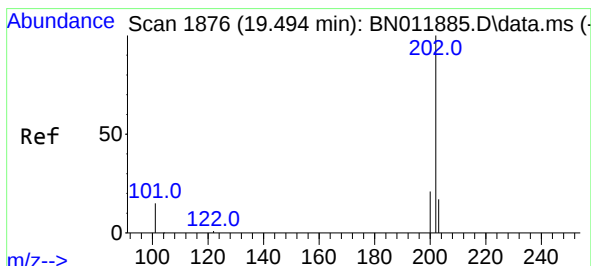
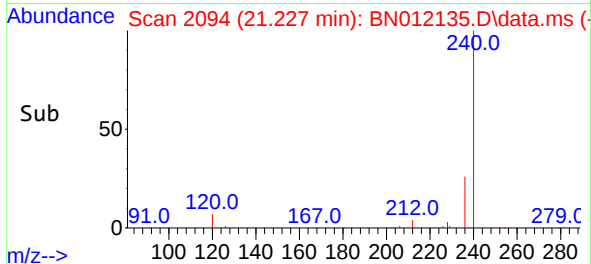
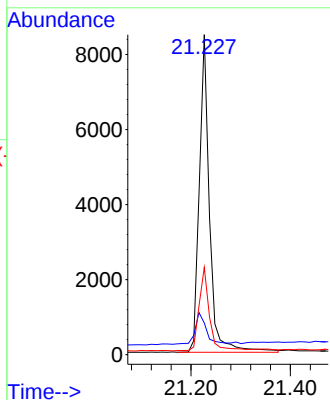
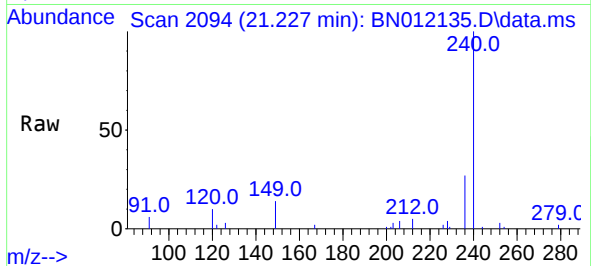




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

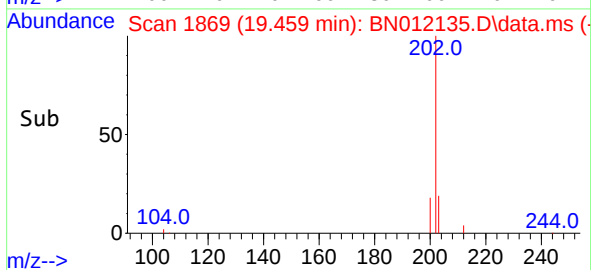
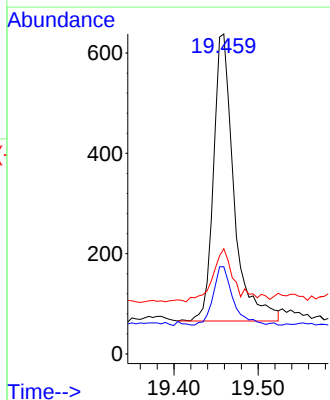
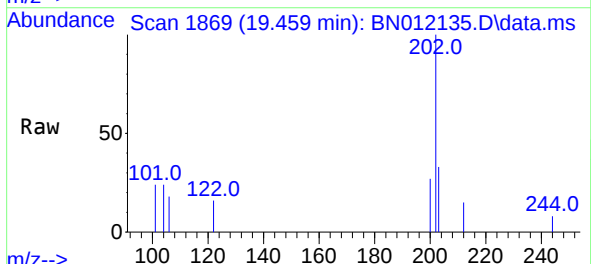
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-2-SO-2

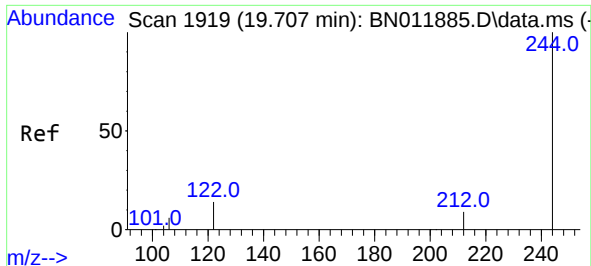
Tgt Ion:240 Resp: 12017
Ion Ratio Lower Upper
240 100
120 9.9 3.5 5.3#
236 27.3 20.5 30.7



#30
Pyrene
Concen: 0.02 ng
RT: 19.459 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:202 Resp: 960
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 19.2 13.9 20.9



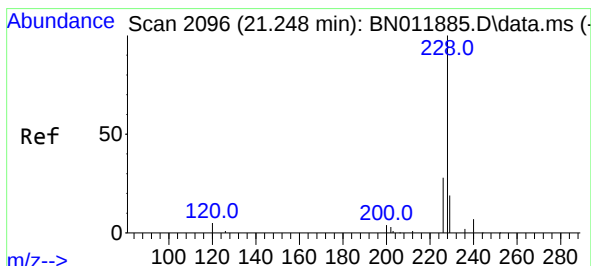
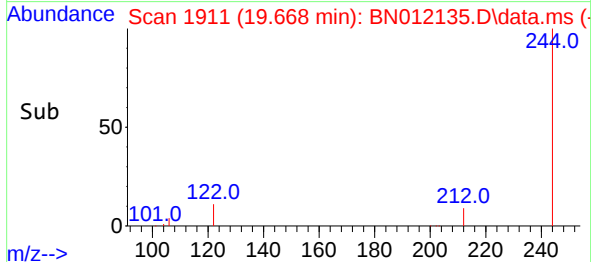
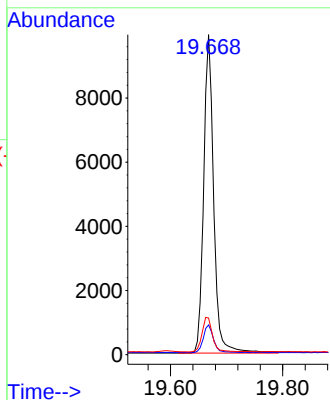
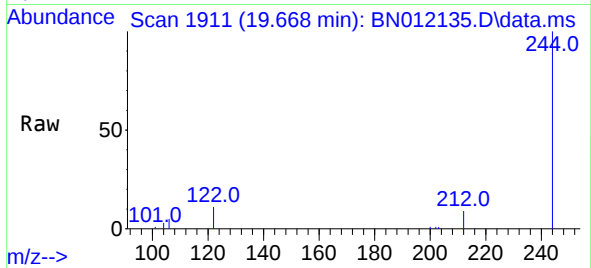


#31
 Terphenyl-d14
 Concen: 0.45 ng
 RT: 19.668 min Scan# 1911
 Delta R.T. -0.005 min
 Lab File: BN012135.D
 Acq: 09 Oct 2020 22:43

Instrument :
 BNA_N
 ClientSampleId :
 BACKFILL OFFSITE-2-SO-2

Tgt Ion: 244 Resp: 12318

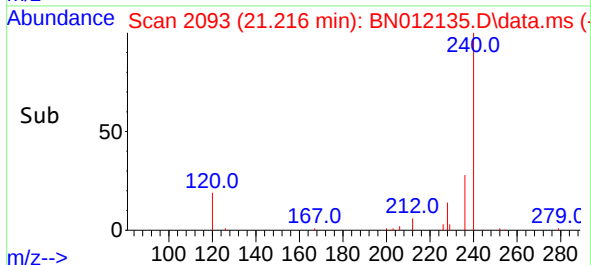
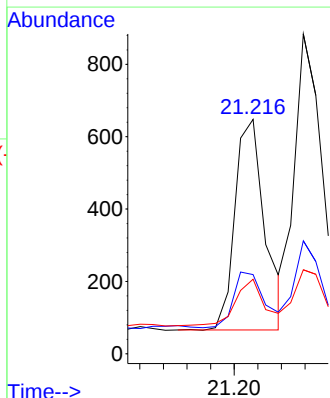
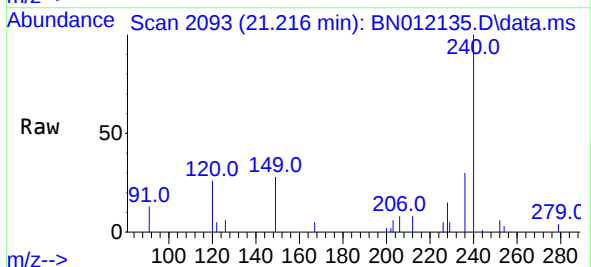
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	11.4	7.8	11.6

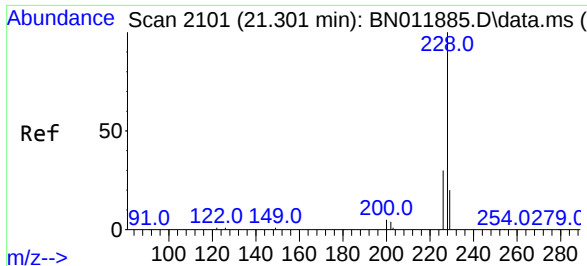


#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.216 min Scan# 2093
 Delta R.T. 0.000 min
 Lab File: BN012135.D
 Acq: 09 Oct 2020 22:43

Tgt Ion: 228 Resp: 1026

Ion	Ratio	Lower	Upper
228	100		
226	33.8	21.0	31.4#
229	31.8	16.0	24.0#

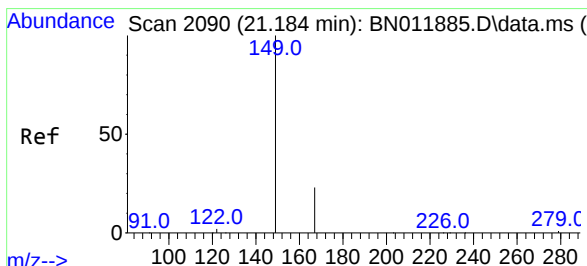
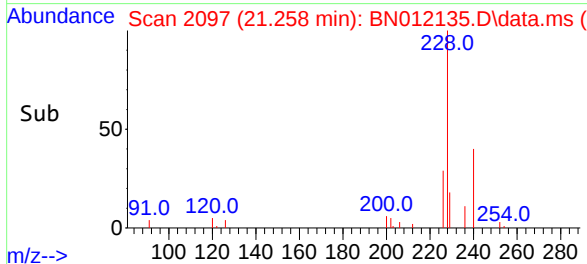
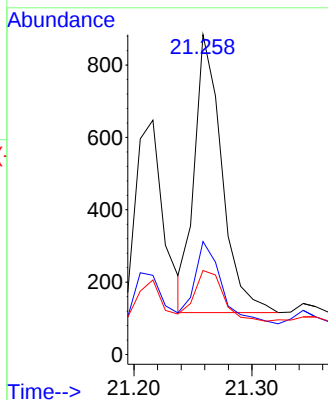
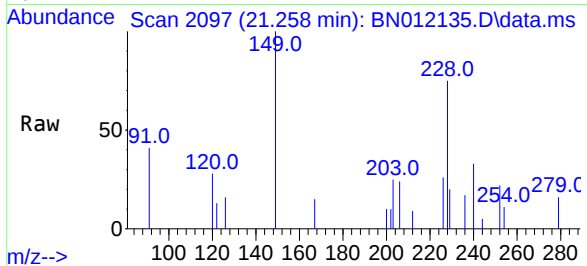




#33
Chrysene
Concen: 0.03 ng
RT: 21.258 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

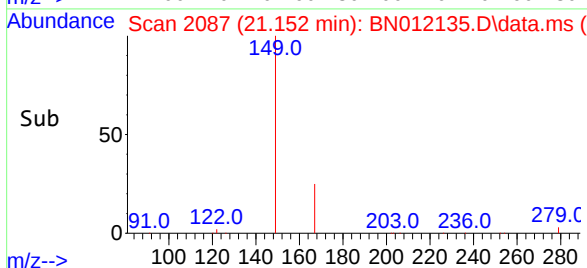
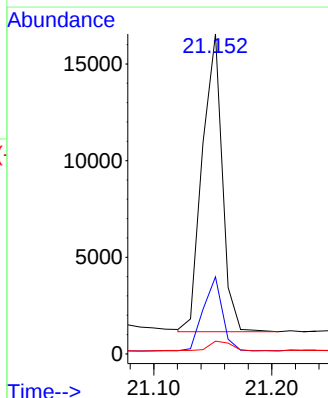
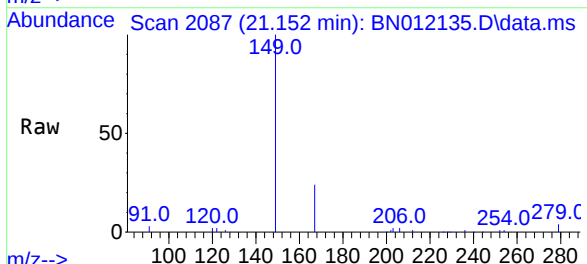
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-2-SO-2

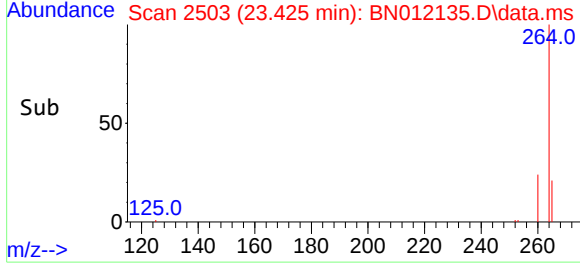
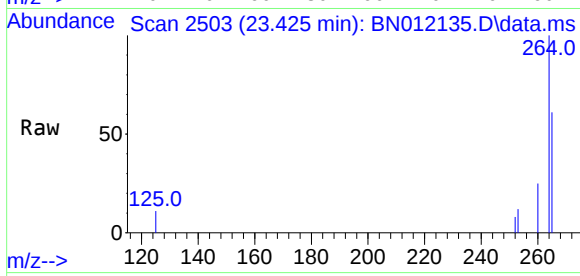
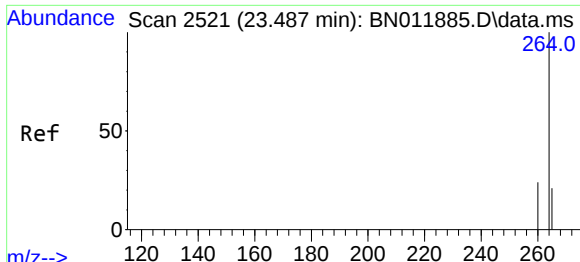
Tgt Ion: 228 Resp: 1240
Ion Ratio Lower Upper
228 100
226 35.3 23.3 34.9#
229 26.2 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.66 ng
RT: 21.152 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

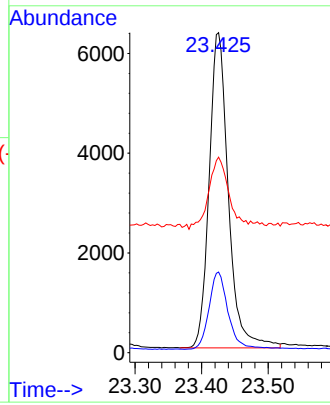
Tgt Ion: 149 Resp: 18083
Ion Ratio Lower Upper
149 100
167 23.8 23.6 35.4
279 3.5 4.0 6.0#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.425 min Scan# 2503
 Delta R.T. -0.007 min
 Lab File: BN012135.D
 Acq: 09 Oct 2020 22:43

Tgt Ion:264	Resp:	12652
Ion Ratio	Lower	Upper
264	100	
260	25.2	19.6 29.4
265	61.1	38.6 58.0#



Instrument :
 BNA_N
 ClientSampleId :
 BACKFILL-OFFSITE-2-SO-2