

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
 Data File : BN012132.D
 Acq On : 09 Oct 2020 20:54
 Operator : CG/JU
 Sample : L4342-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BACKFILL OFFSITE-1-SO-1

Quant Time: Oct 10 01:58:00 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)

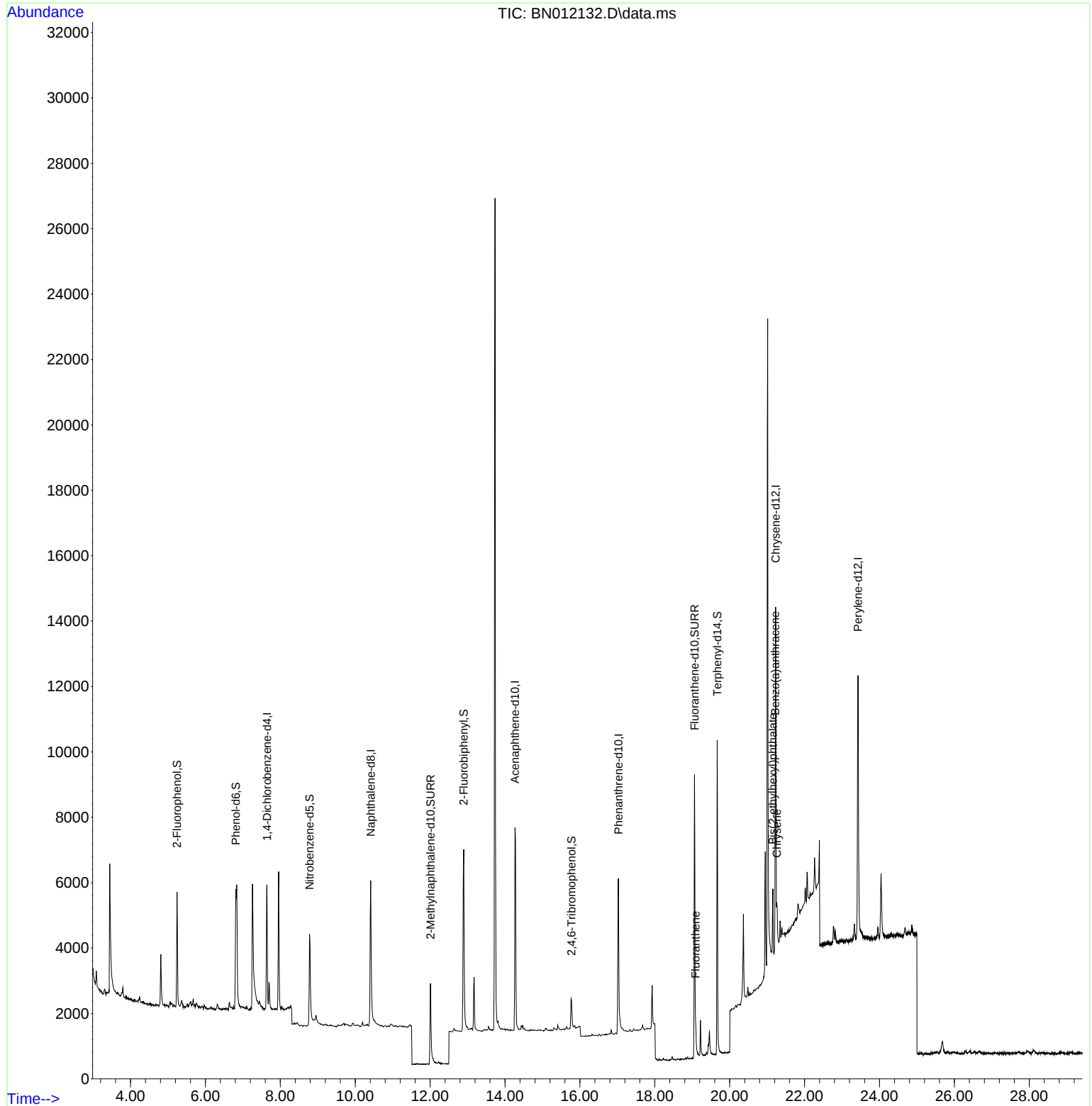
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	1934	0.40	ng	0.00
7) Naphthalene-d8	10.415	136	7555	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	4291	0.40	ng	-0.01
19) Phenanthrene-d10	17.029	188	8957	0.40	ng	0.00
29) Chrysene-d12	21.227	240	10657	0.40	ng	# 0.00
36) Perylene-d12	23.425	264	11603	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.243	112	2465	0.36	ng	0.00
5) Phenol-d6	6.813	99	3026	0.35	ng	0.00
8) Nitrobenzene-d5	8.780	82	3198	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.011	152	4706	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	907	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	6212	0.38	ng	0.00
27) Fluoranthene-d10	19.062	212	10934	0.42	ng	0.00
31) Terphenyl-d14	19.668	244	10088	0.41	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.092	202	641	0.02	ng	# 66
32) Benzo(a)anthracene	21.216	228	862	0.03	ng	# 81
33) Chrysene	21.258	228	1038	0.03	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.152	149	2011	0.08	ng	# 88

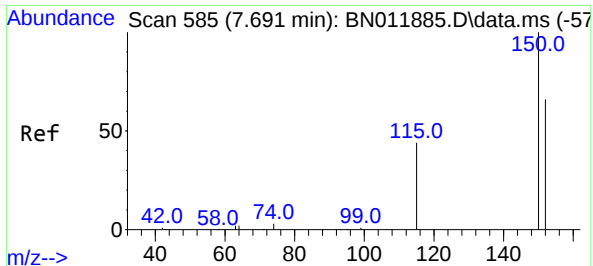
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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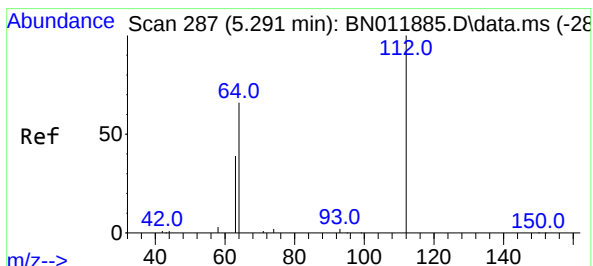
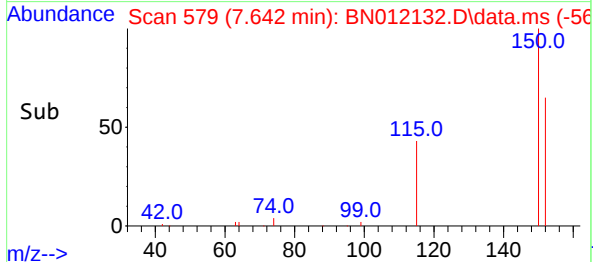
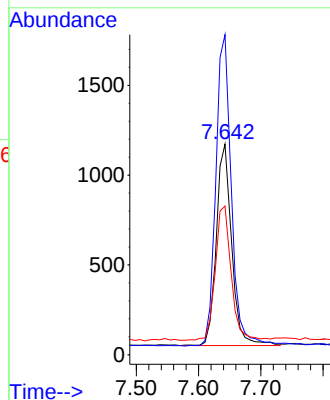
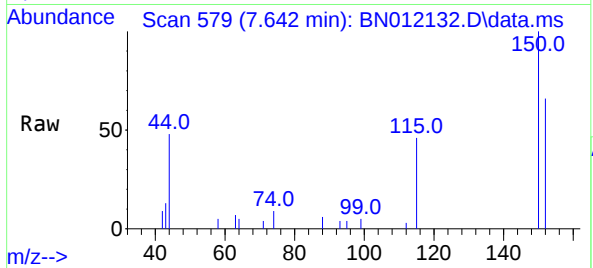




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

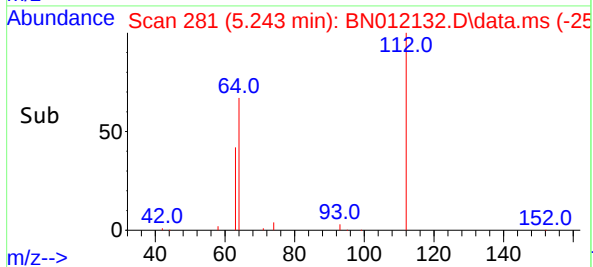
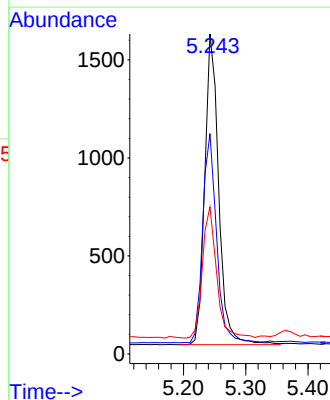
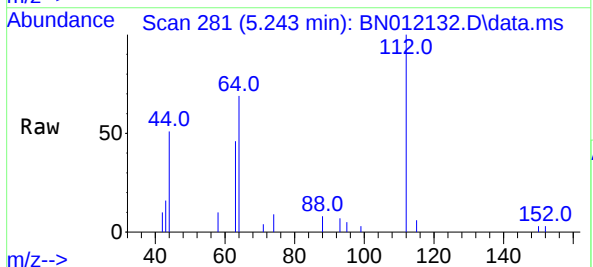
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

Tgt Ion:152 Resp: 1934
Ion Ratio Lower Upper
152 100
150 151.9 118.3 177.5
115 70.6 51.3 76.9



#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.243 min Scan# 281
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:112 Resp: 2465
Ion Ratio Lower Upper
112 100
64 67.1 49.0 73.6
63 43.1 31.8 47.6

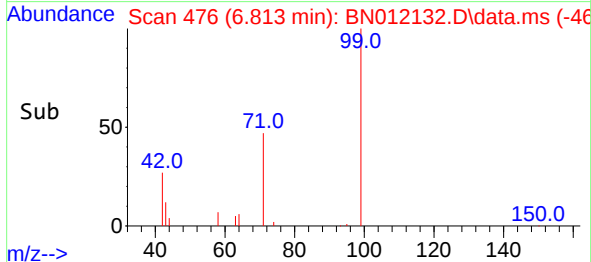
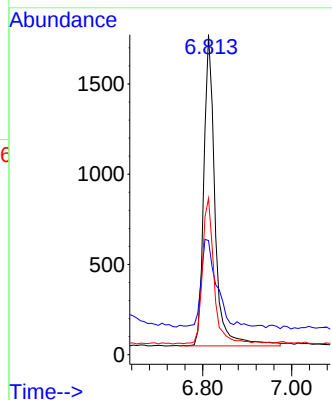
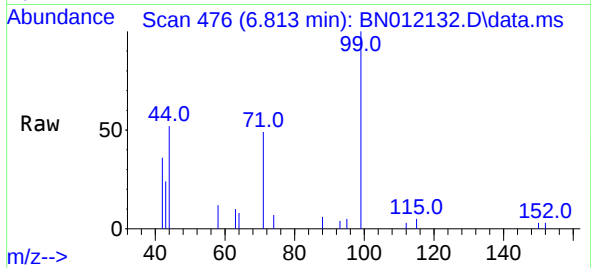




#5
Phenol-d6
Concen: 0.35 ng
RT: 6.813 min Scan# 476
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

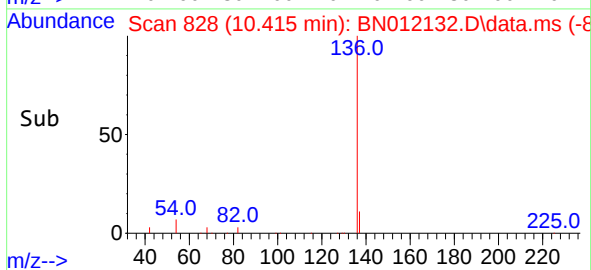
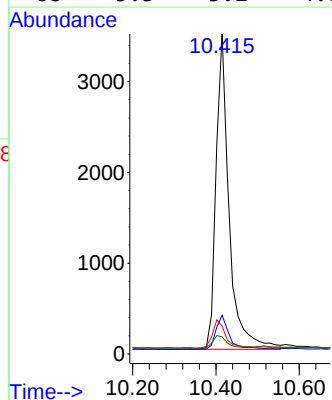
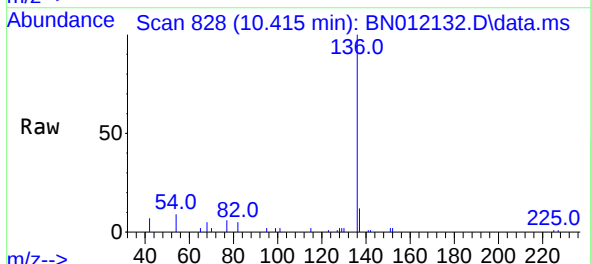
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

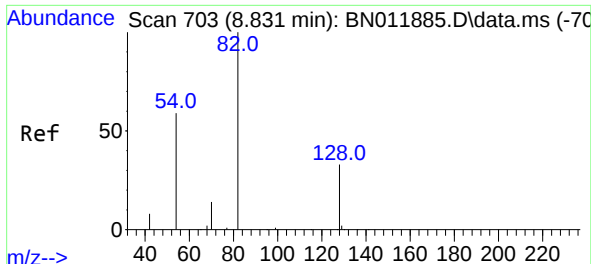
Tgt Ion: 99 Resp: 3026
Ion Ratio Lower Upper
99 100
42 37.6 23.4 35.0#
71 48.4 38.1 57.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.415 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion: 136 Resp: 7555
Ion Ratio Lower Upper
136 100
137 12.1 9.5 14.3
54 8.7 5.6 8.4#
68 5.3 3.2 4.8#

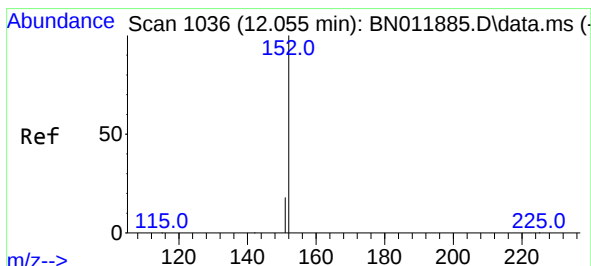
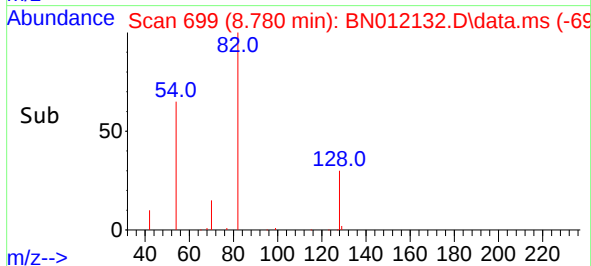
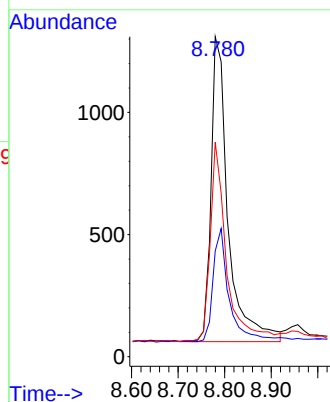
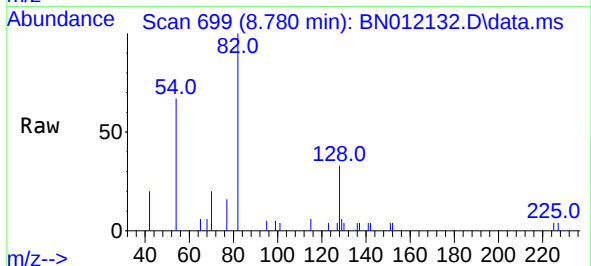




#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.780 min Scan# 699
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

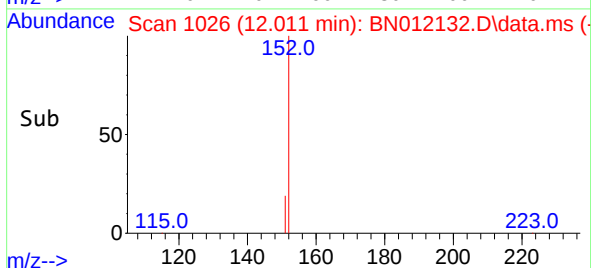
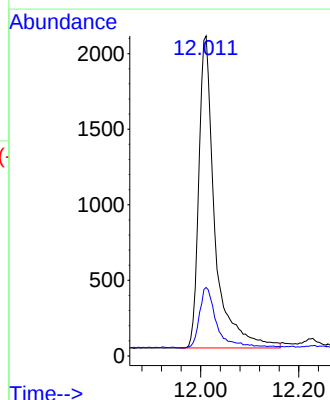
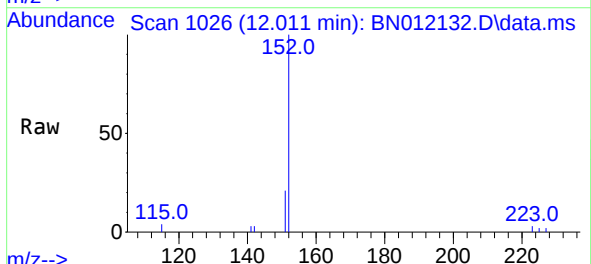
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

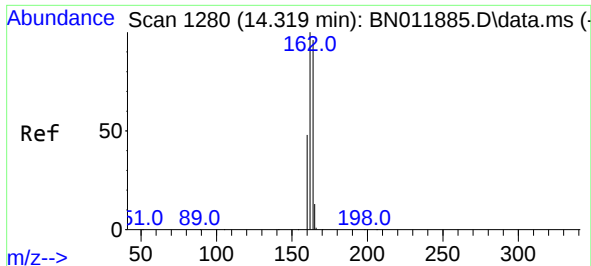
Tgt Ion: 82 Resp: 3198
Ion Ratio Lower Upper
82 100
128 33.1 34.2 51.2#
54 67.0 43.1 64.7#



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.011 min Scan# 1026
Delta R.T. 0.005 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion: 152 Resp: 4706
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1

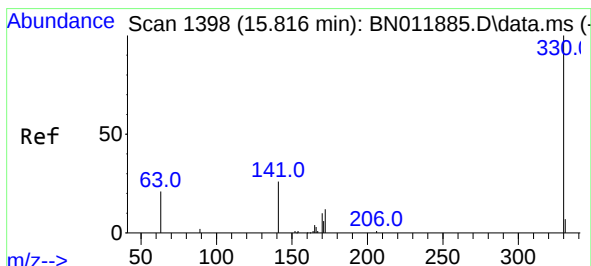
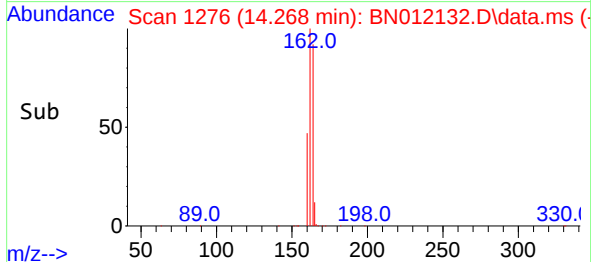
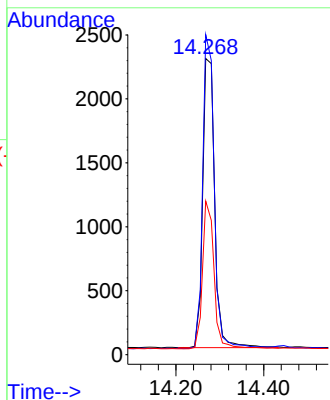
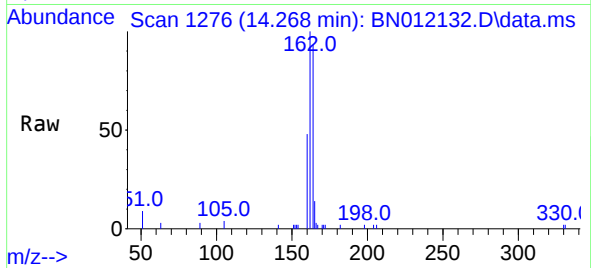




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1276
Delta R.T. -0.013 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

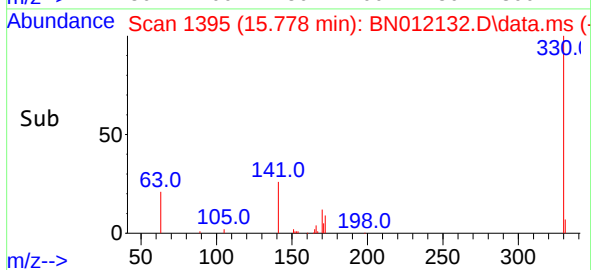
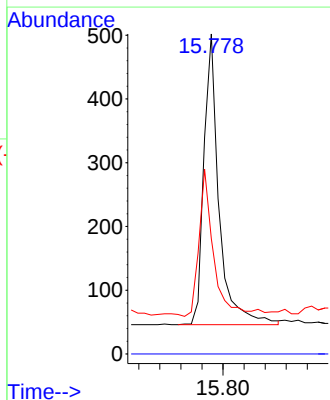
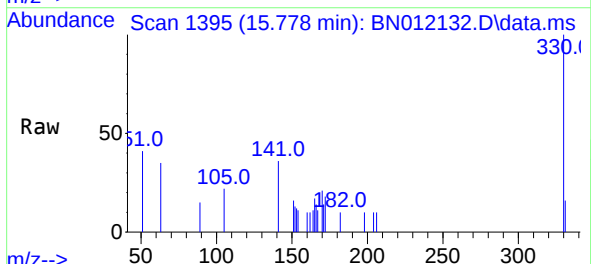
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

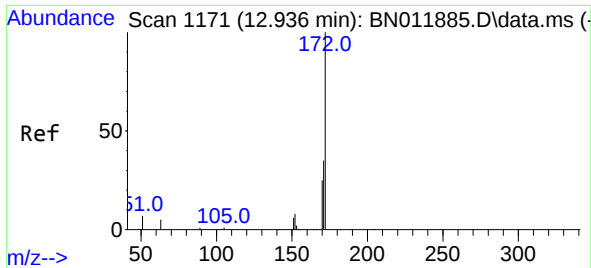
Tgt Ion:164 Resp: 4291
Ion Ratio Lower Upper
164 100
162 108.0 83.6 125.4
160 51.9 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.778 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:330 Resp: 907
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.3 33.7 50.5



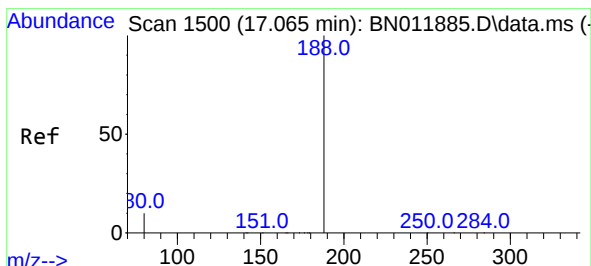
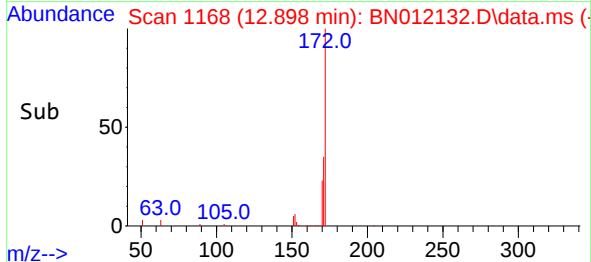
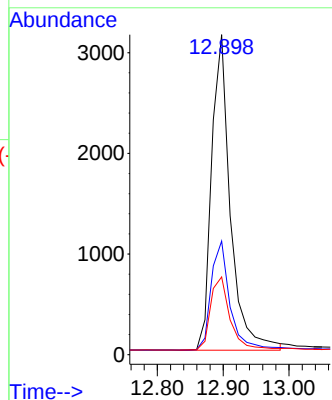
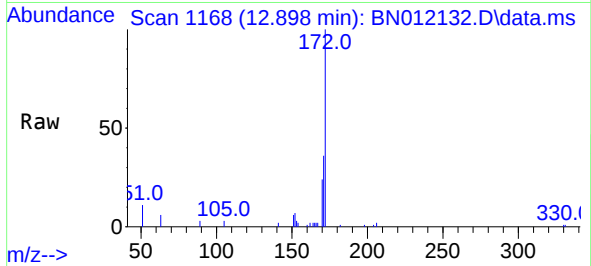


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.898 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

Tgt Ion:172 Resp: 6212

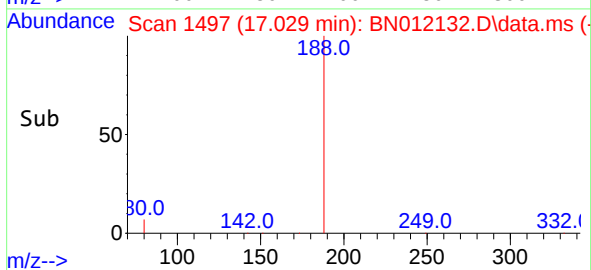
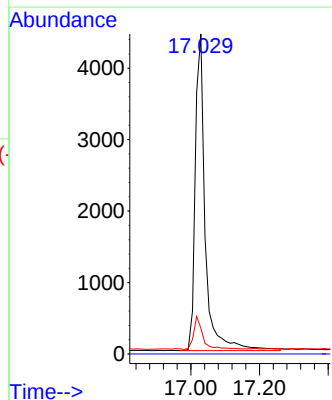
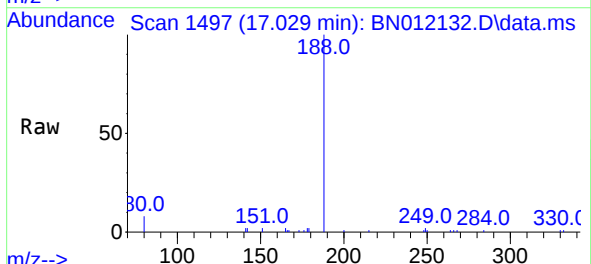
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.2
170	24.3	17.8	26.6

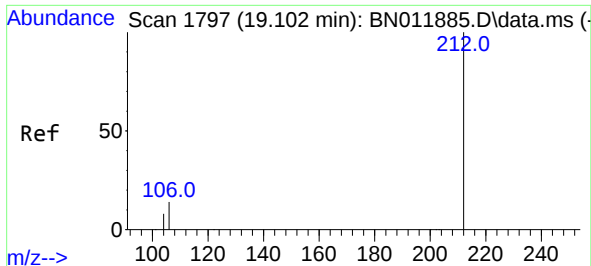


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:188 Resp: 8957

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.7	11.5

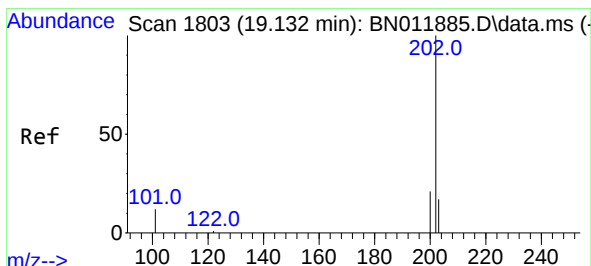
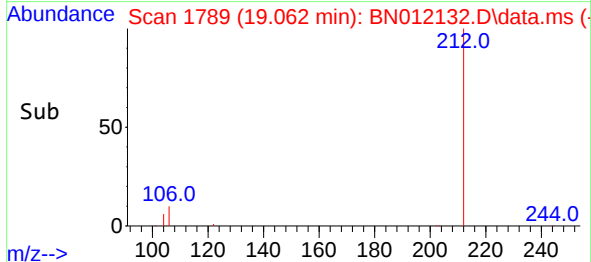
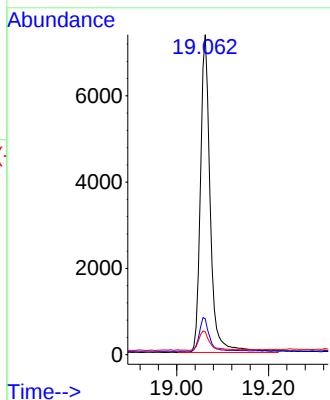
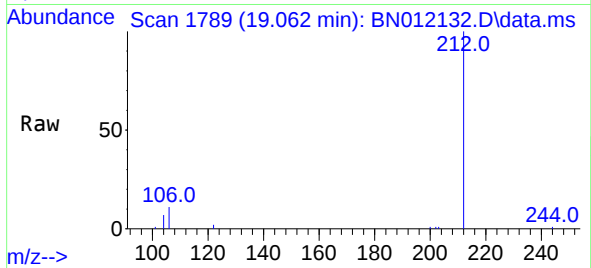




#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.062 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

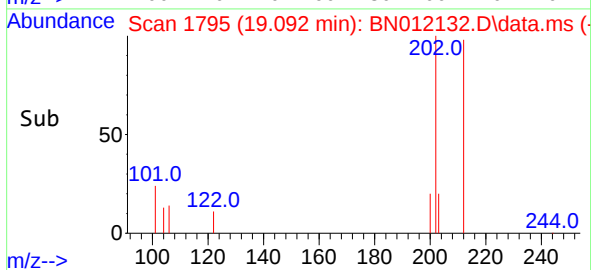
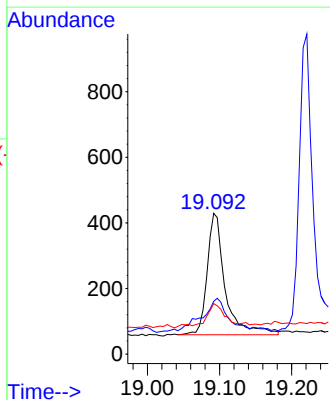
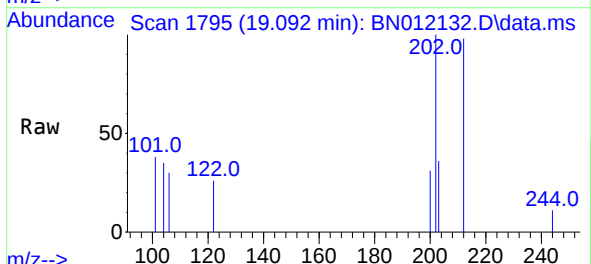
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

Tgt Ion: 212 Resp: 10934
Ion Ratio Lower Upper
212 100
106 10.7 6.4 9.6#
104 6.8 3.9 5.9#



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion: 202 Resp: 641
Ion Ratio Lower Upper
202 100
101 46.2 5.4 8.2#
203 16.4 13.8 20.6

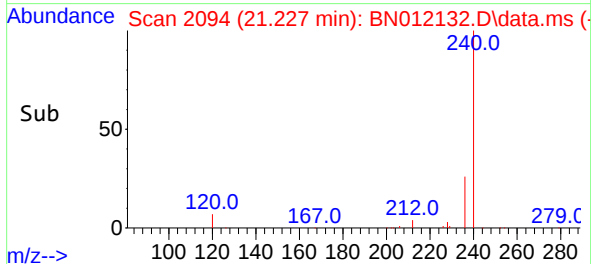
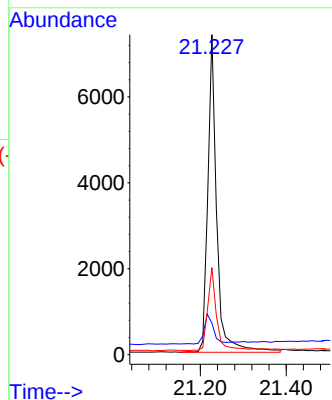
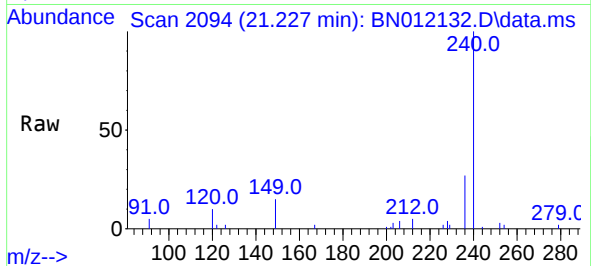




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

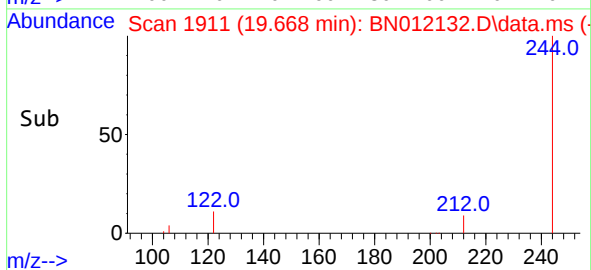
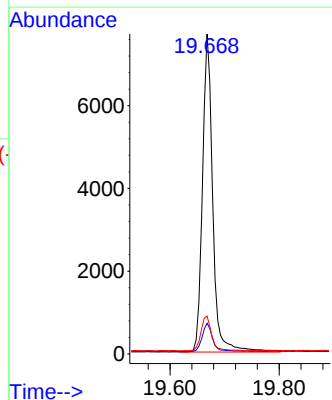
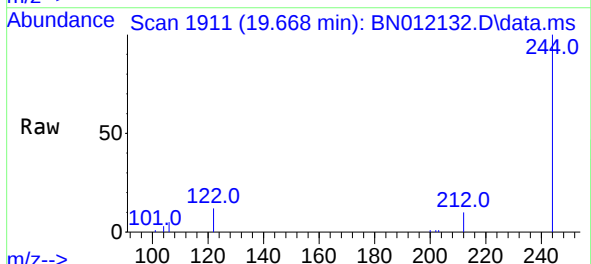
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ClientSampleId :
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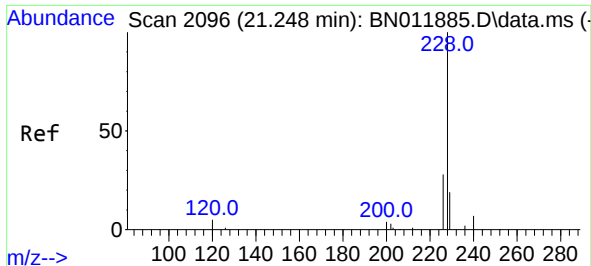
Tgt Ion:240 Resp: 10657
Ion Ratio Lower Upper
240 100
120 9.9 3.5 5.3#
236 27.2 20.5 30.7



#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.668 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:244 Resp: 10088
Ion Ratio Lower Upper
244 100
212 9.6 7.3 10.9
122 11.8 7.8 11.6#

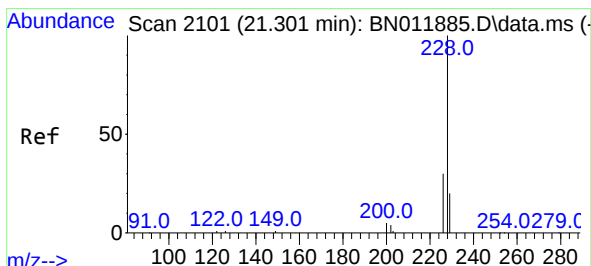
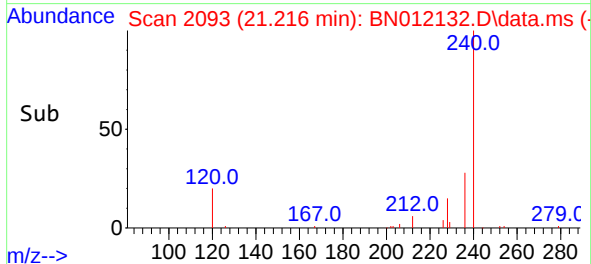
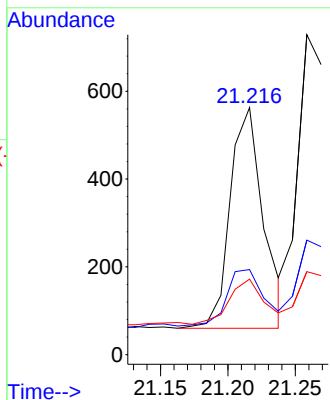
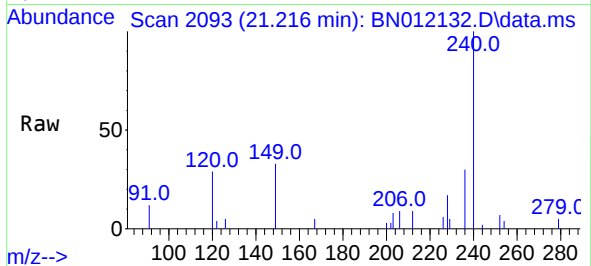




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.216 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

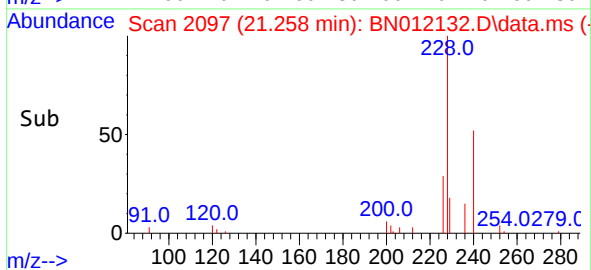
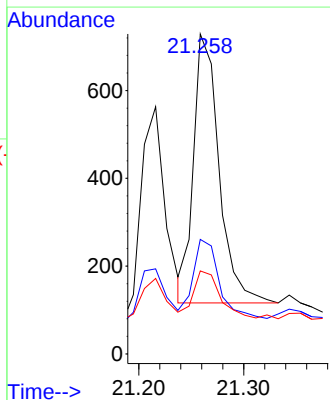
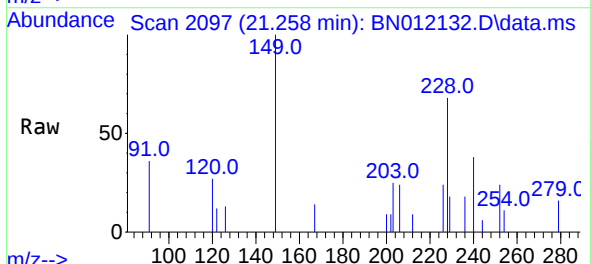
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-1-SO-1

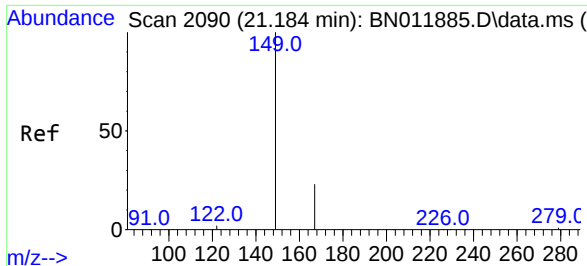
Tgt Ion:	228	Resp:	862
Ion Ratio	Lower	Upper	
228	100		
226	34.5	21.0	31.4#
229	30.6	16.0	24.0#



#33
Chrysene
Concen: 0.03 ng
RT: 21.258 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion:	228	Resp:	1038
Ion Ratio	Lower	Upper	
228	100		
226	35.8	23.3	34.9#
229	25.9	15.8	23.8#

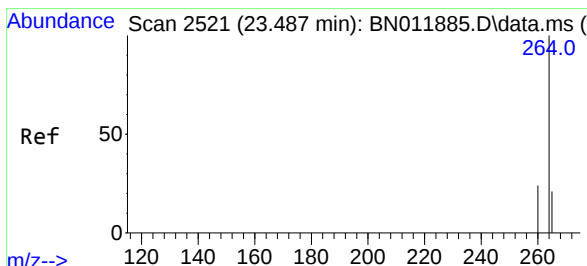
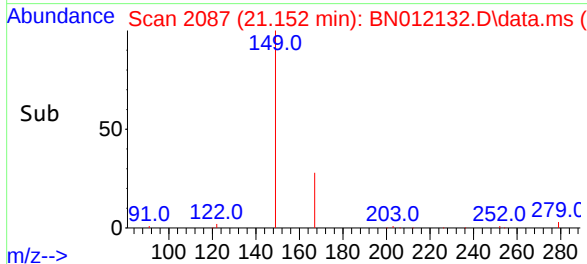
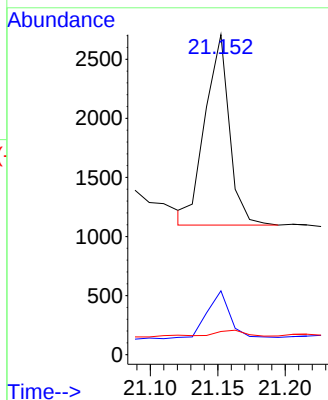
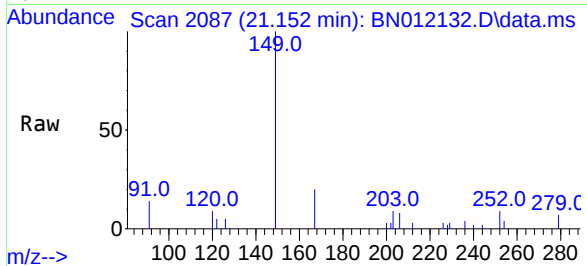




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.152 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN012132.D
Acq: 09 Oct 2020 20:54

Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-1-SO-1

Tgt Ion: 149 Resp: 2011
Ion Ratio Lower Upper
149 100
167 22.1 23.6 35.4#
279 3.3 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: BN012132.D
Acq: 09 Oct 2020 20:54

Tgt Ion: 264 Resp: 11603
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 62.2 38.6 58.0#

