

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
 Data File : BN012136.D
 Acq On : 09 Oct 2020 23:19
 Operator : CG/JU
 Sample : L4342-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BACKFILL OFFSITE-3-SO-3

Quant Time: Oct 10 01:58:48 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

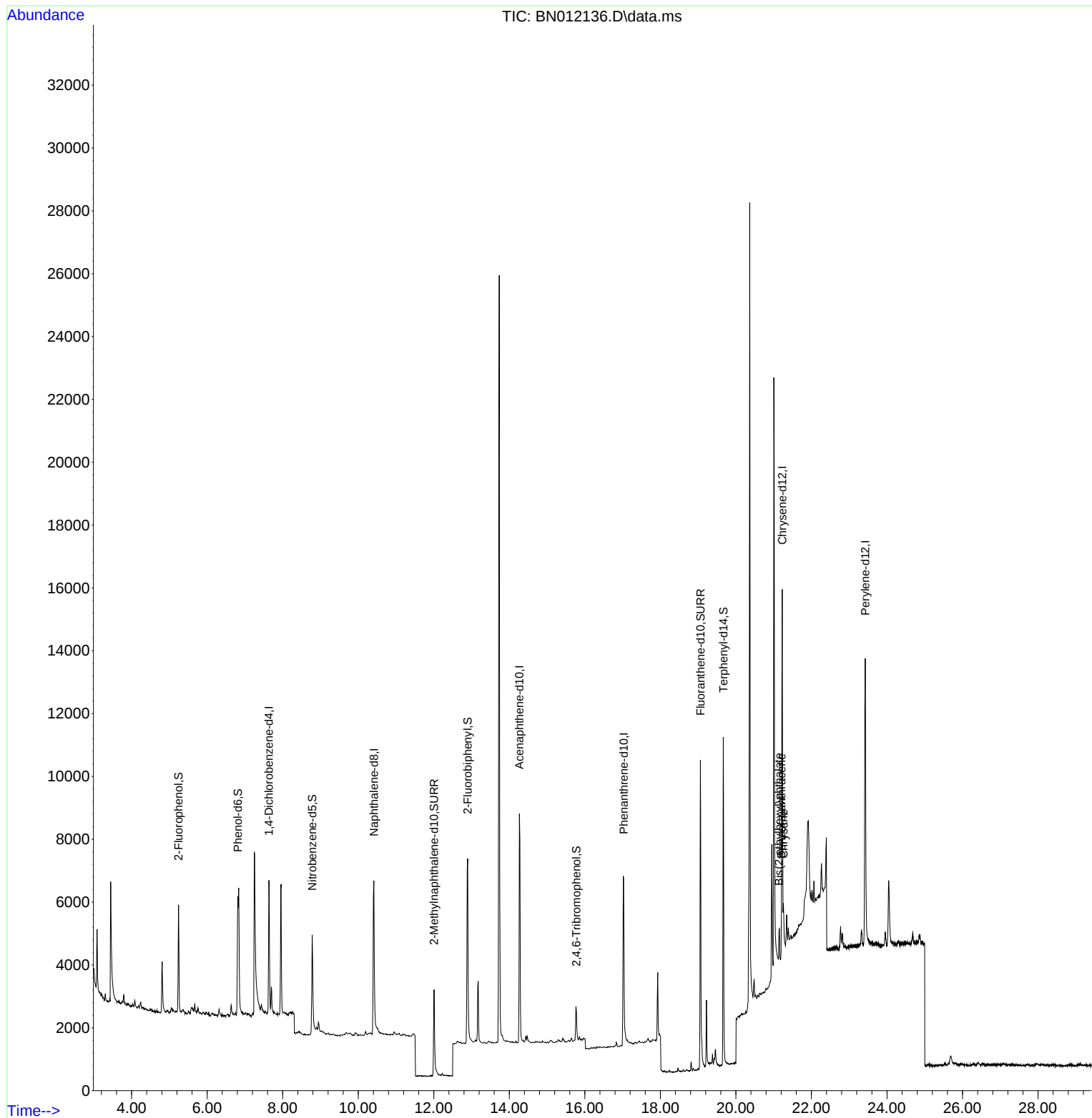
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	2062	0.40	ng	0.00
7) Naphthalene-d8	10.415	136	8507	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	4881	0.40	ng	-0.01
19) Phenanthrene-d10	17.029	188	10431	0.40	ng	# 0.00
29) Chrysene-d12	21.227	240	12149	0.40	ng	# 0.00
36) Perylene-d12	23.425	264	12793	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.243	112	2452	0.34	ng	0.00
5) Phenol-d6	6.813	99	3126	0.34	ng	0.00
8) Nitrobenzene-d5	8.780	82	3229	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	4917	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	1005	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	6611	0.36	ng	0.00
27) Fluoranthene-d10	19.062	212	11954	0.39	ng	0.00
31) Terphenyl-d14	19.668	244	11228	0.40	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.205	228	858	0.02	ng	# 80
33) Chrysene	21.259	228	1014	0.02	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.142	149	1379	0.05	ng	# 85

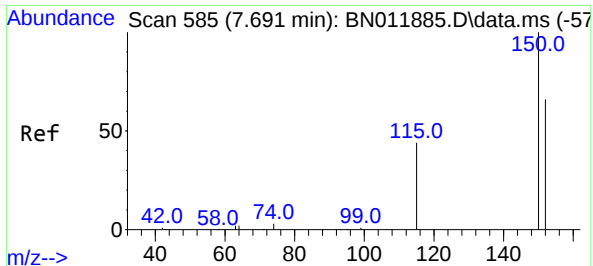
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

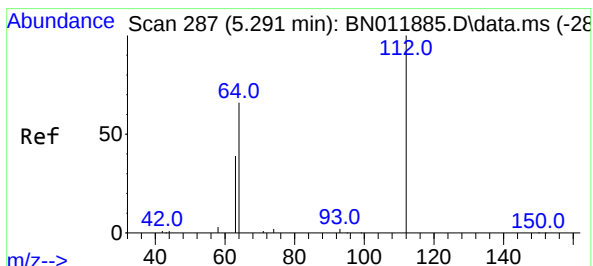
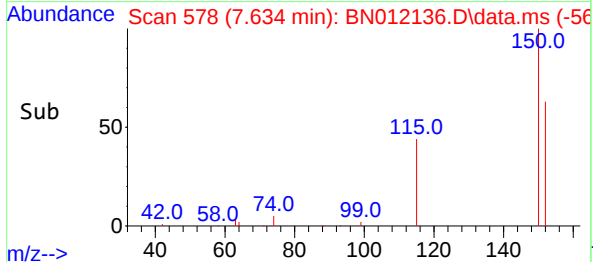
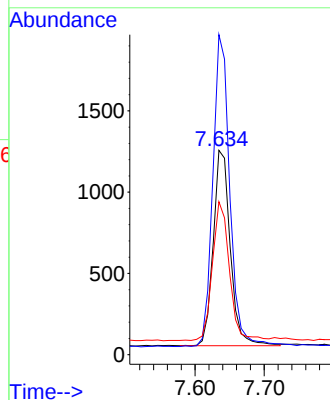
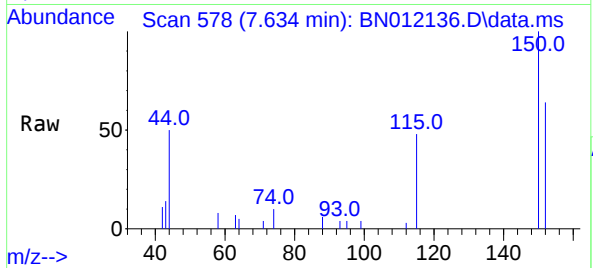




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.634 min Scan# 578
Delta R.T. -0.008 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

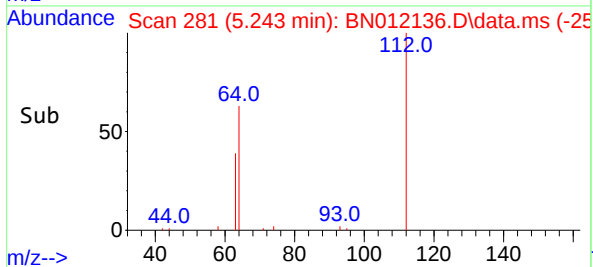
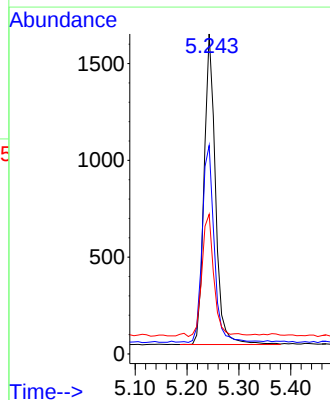
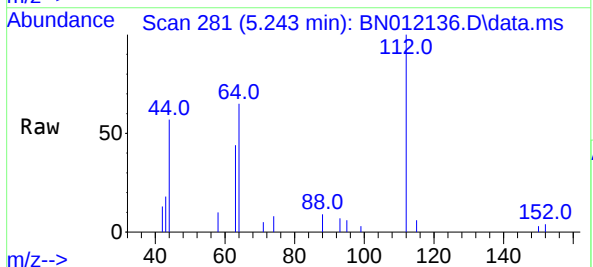
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-3-SO-3

Tgt Ion:152 Resp: 2062
Ion Ratio Lower Upper
152 100
150 156.6 118.3 177.5
115 74.9 51.3 76.9



#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.243 min Scan# 281
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Tgt Ion:112 Resp: 2452
Ion Ratio Lower Upper
112 100
64 66.1 49.0 73.6
63 41.0 31.8 47.6

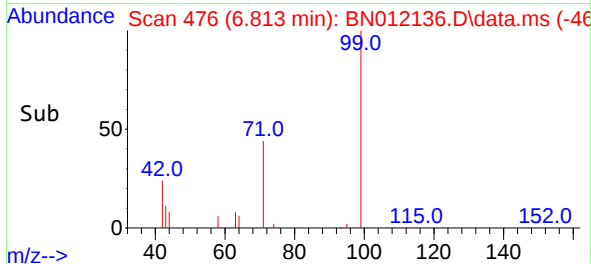
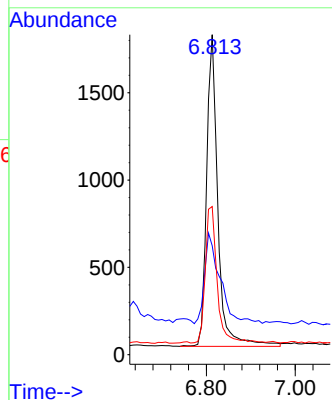
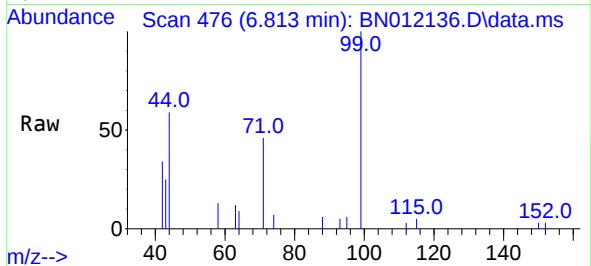




#5
Phenol-d6
Concen: 0.34 ng
RT: 6.813 min Scan# 476
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

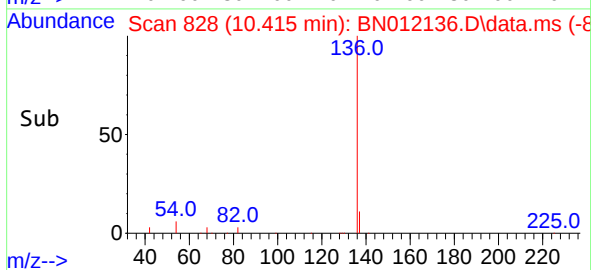
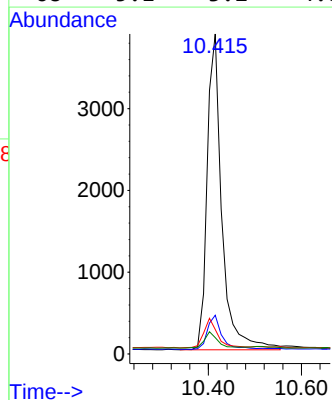
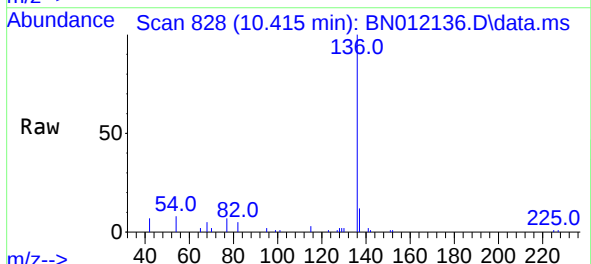
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-3-SO-3

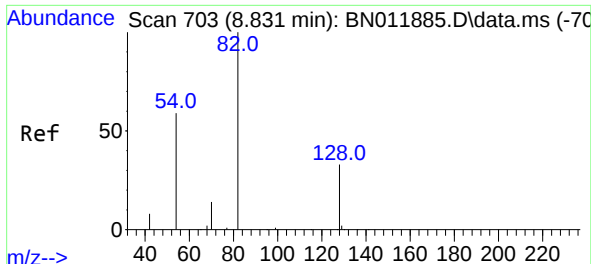
Tgt Ion: 99 Resp: 3126
Ion Ratio Lower Upper
99 100
42 40.2 23.4 35.0#
71 46.2 38.1 57.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.415 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Tgt Ion: 136 Resp: 8507
Ion Ratio Lower Upper
136 100
137 12.1 9.5 14.3
54 7.7 5.6 8.4
68 5.1 3.2 4.8#

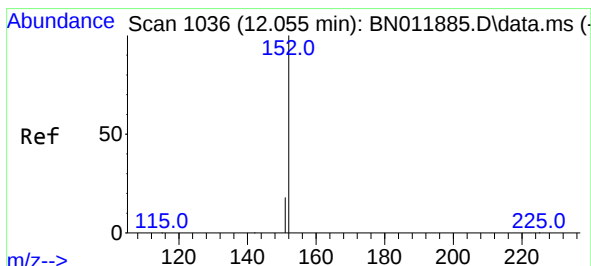
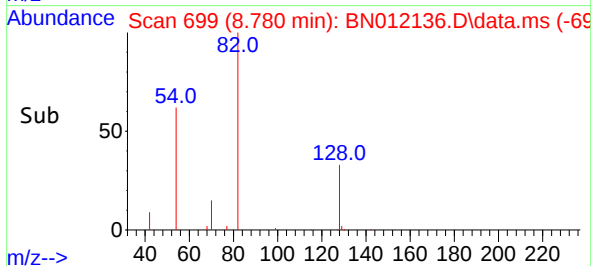
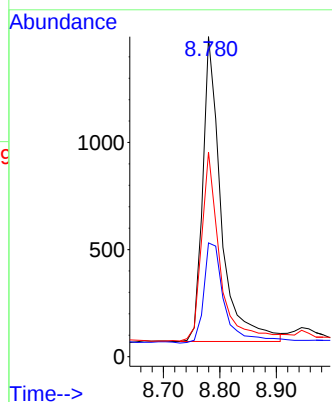
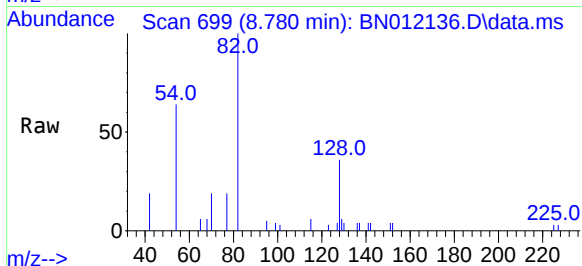




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.780 min Scan# 699
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

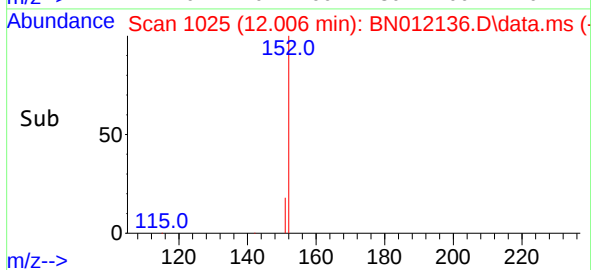
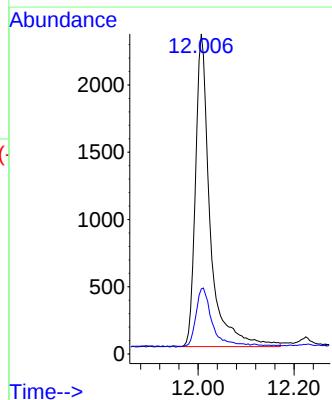
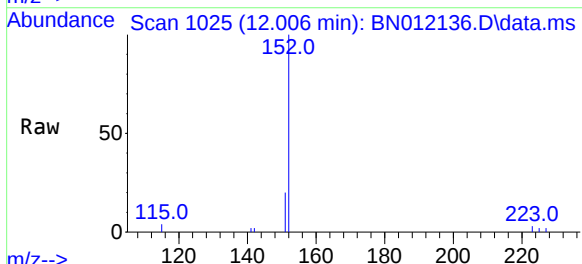
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-3-SO-3

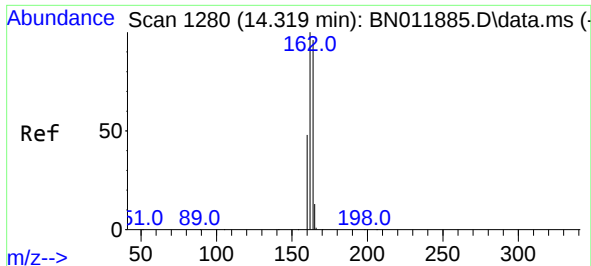
Tgt Ion:	82	Resp:	3229
Ion	Ratio	Lower	Upper
82	100		
128	35.5	34.2	51.2
54	63.9	43.1	64.7



#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.006 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Tgt Ion:	152	Resp:	4917
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1

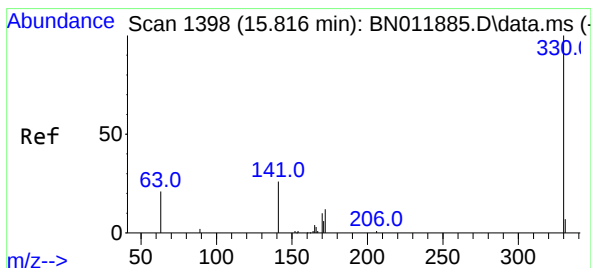
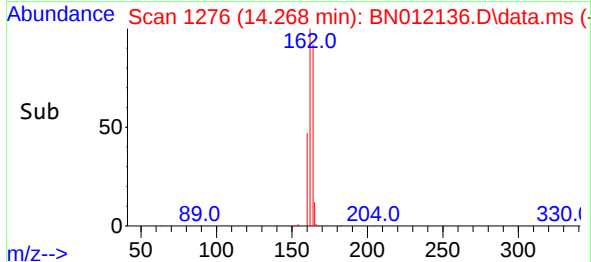
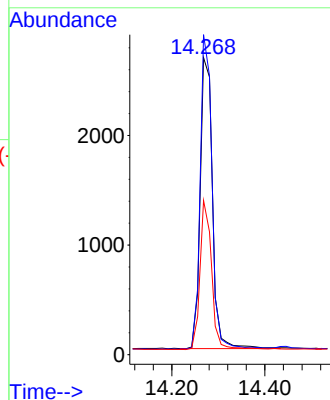
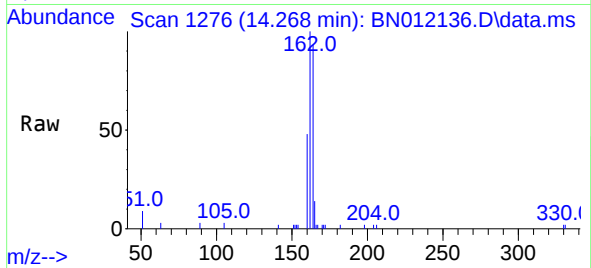




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1276
Delta R.T. -0.013 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

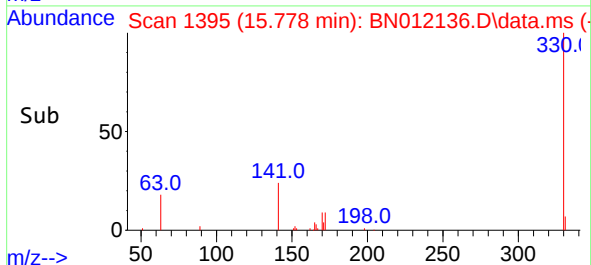
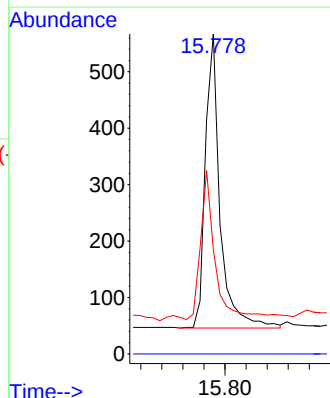
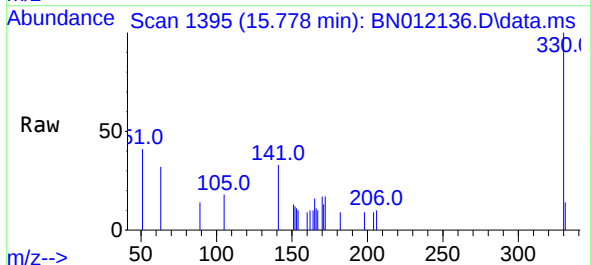
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-3-SO-3

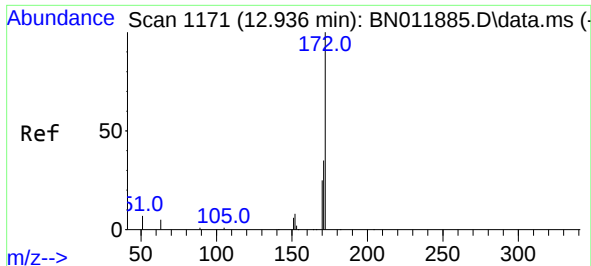
Tgt Ion:164 Resp: 4881
Ion Ratio Lower Upper
164 100
162 107.8 83.6 125.4
160 51.9 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.778 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Tgt Ion:330 Resp: 1005
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.5 33.7 50.5#



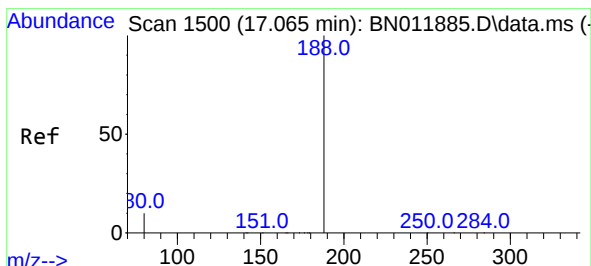
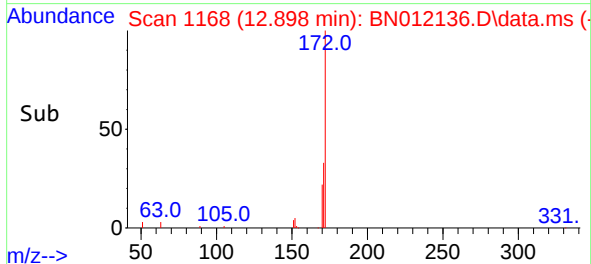
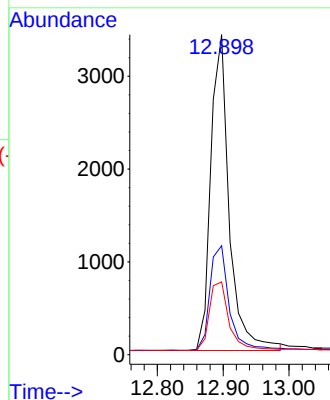
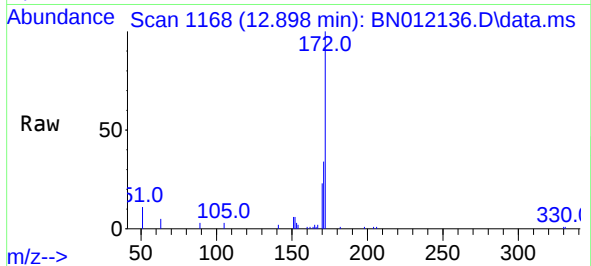


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.898 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-3-SO-3

Tgt Ion:172 Resp: 6611

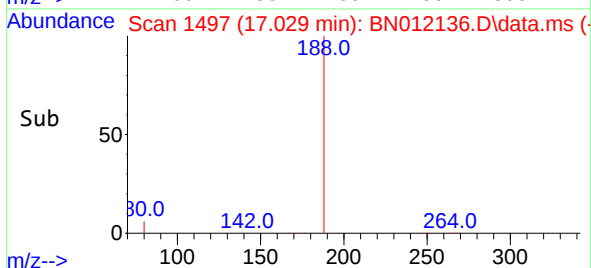
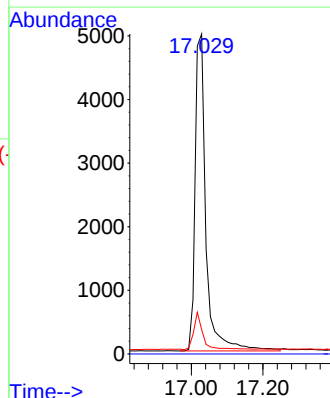
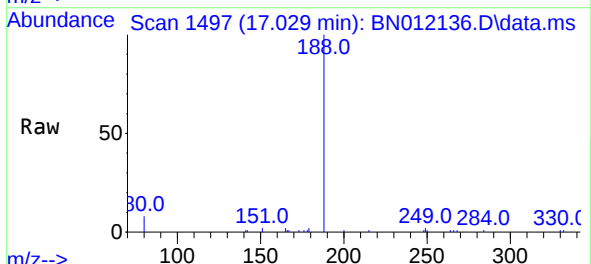
Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.2
170	22.7	17.8	26.6

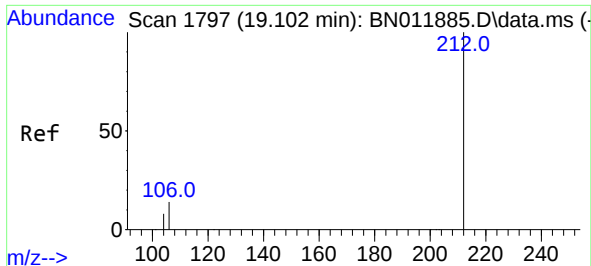


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Tgt Ion:188 Resp: 10431

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	7.7	11.5

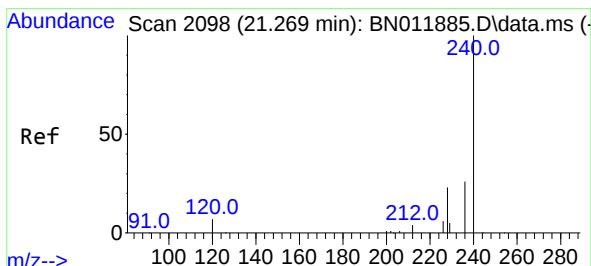
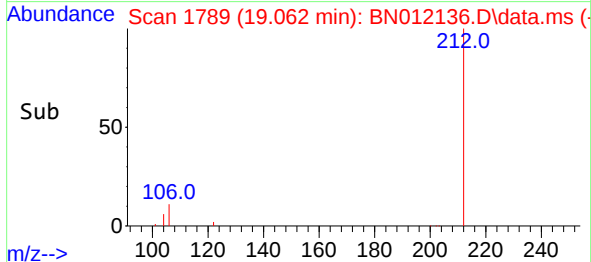
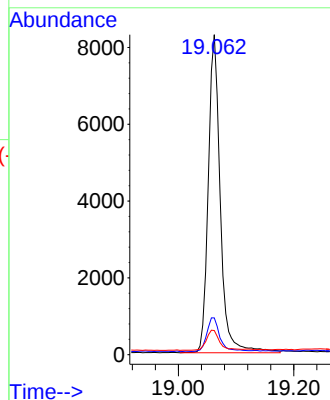
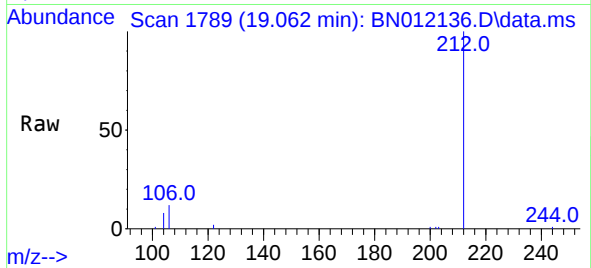




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.062 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

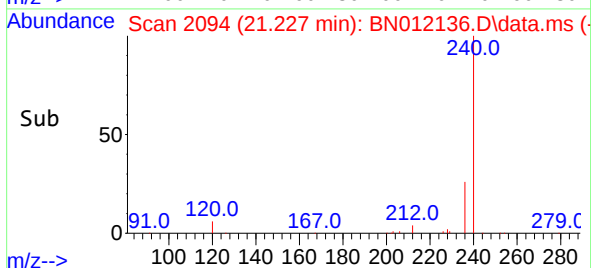
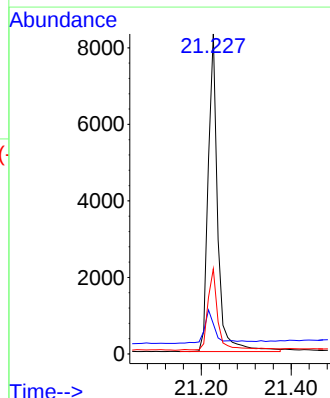
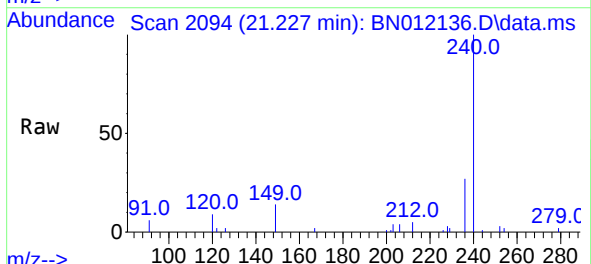
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BNA_N
ClientSampleId :
BACKFILL-OFFSITE-3-SO-3

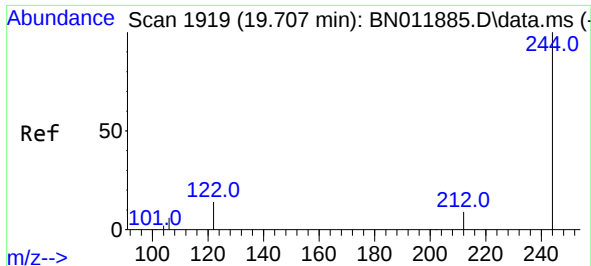
Tgt Ion:212	Resp:	11954
Ion Ratio	Lower	Upper
212	100	
106	11.5	6.4 9.6#
104	6.9	3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Tgt Ion:240	Resp:	12149
Ion Ratio	Lower	Upper
240	100	
120	9.4	3.5 5.3#
236	26.6	20.5 30.7

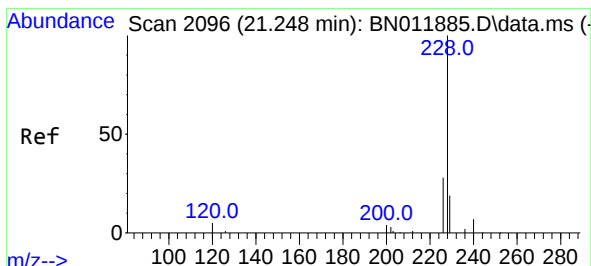
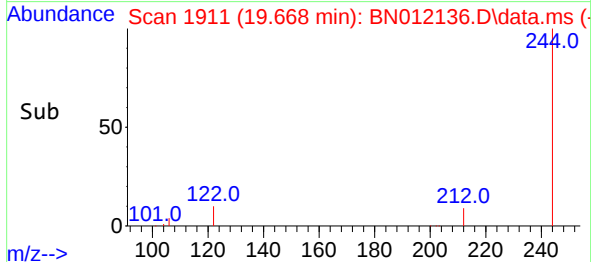
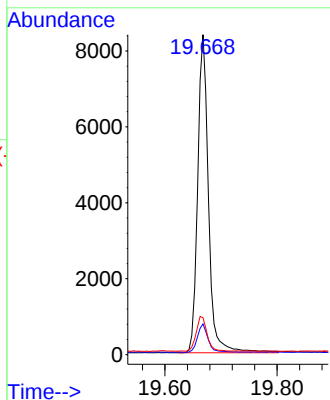
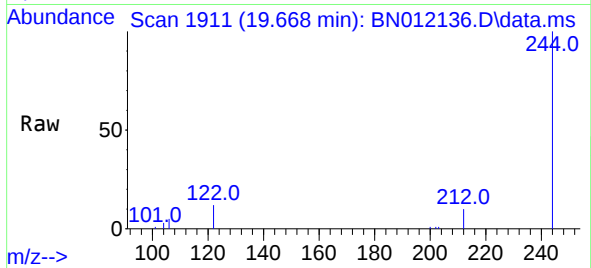




#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.668 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

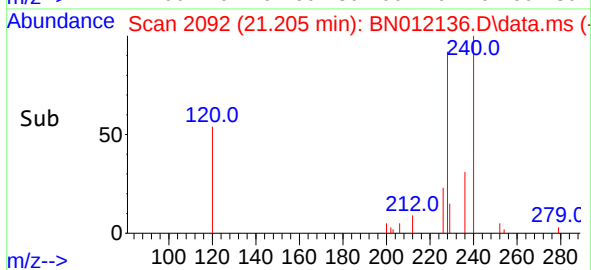
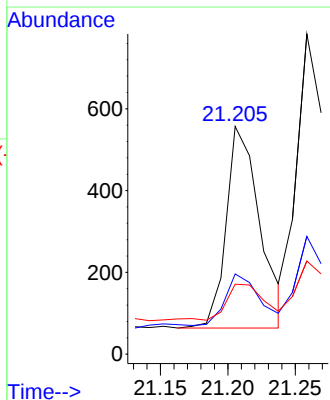
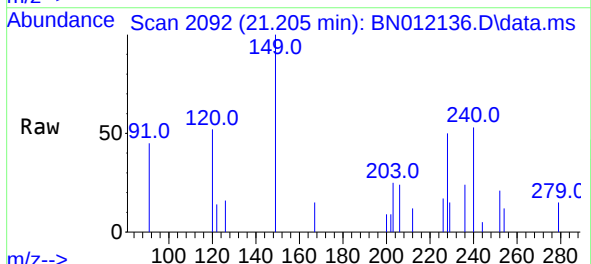
Instrument :
BNA_N
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BACKFILL-OFFSITE-3-SO-3

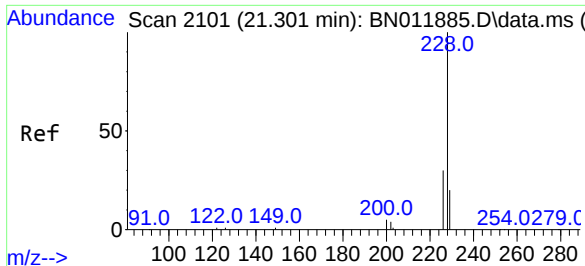
Tgt Ion:244 Resp: 11228
Ion Ratio Lower Upper
244 100
212 9.6 7.3 10.9
122 11.5 7.8 11.6



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.205 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

Tgt Ion:228 Resp: 858
Ion Ratio Lower Upper
228 100
226 35.2 21.0 31.4#
229 30.7 16.0 24.0#

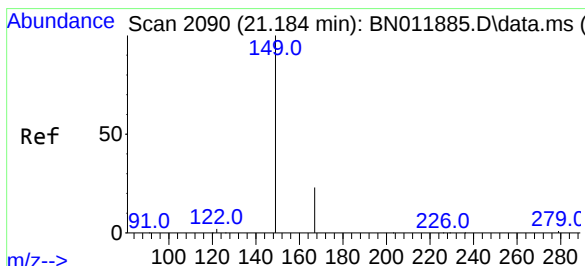
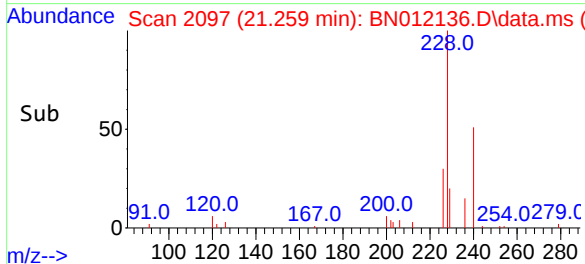
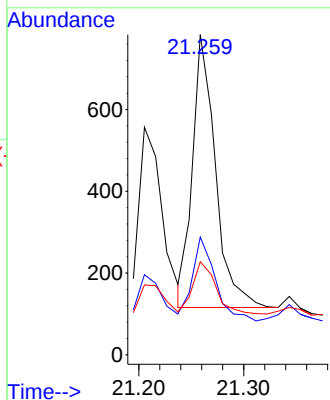
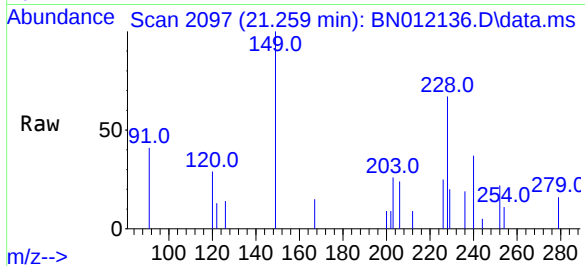




#33
Chrysene
Concen: 0.02 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

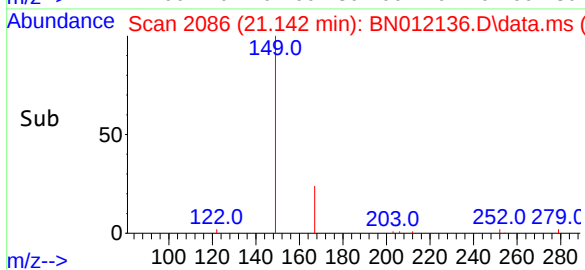
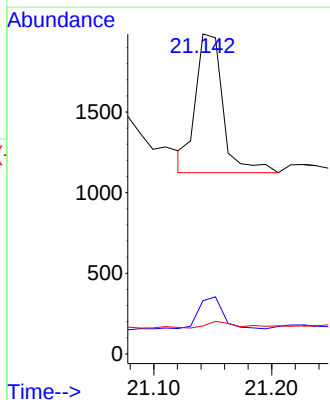
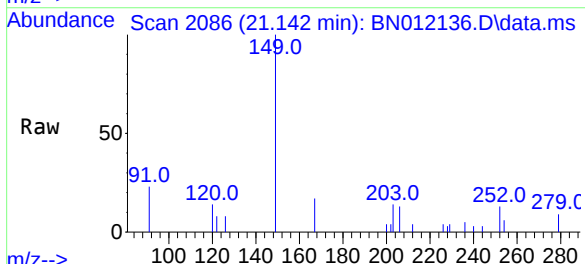
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-3-SO-3

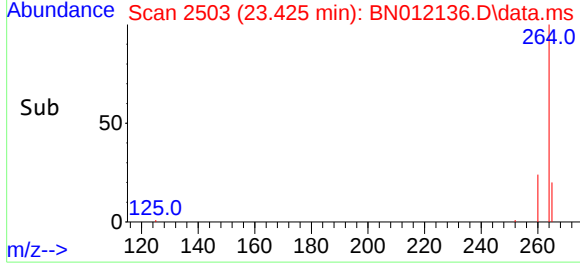
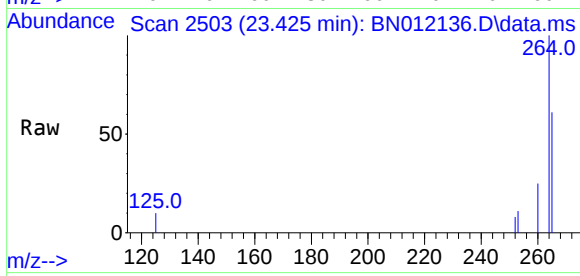
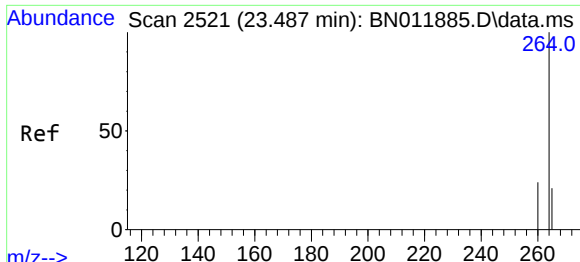
Tgt Ion: 228 Resp: 1014
Ion Ratio Lower Upper
228 100
226 36.8 23.3 34.9#
229 29.1 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.142 min Scan# 2086
Delta R.T. -0.011 min
Lab File: BN012136.D
Acq: 09 Oct 2020 23:19

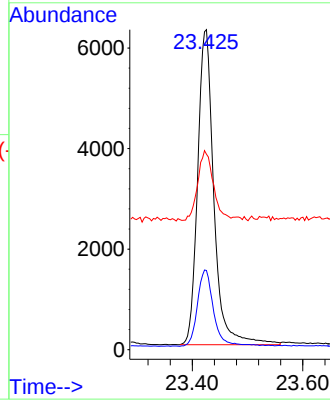
Tgt Ion: 149 Resp: 1379
Ion Ratio Lower Upper
149 100
167 20.3 23.6 35.4#
279 5.5 4.0 6.0





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.425 min Scan# 2503
 Delta R.T. -0.007 min
 Lab File: BN012136.D
 Acq: 09 Oct 2020 23:19

Tgt Ion:264	Resp:	12793
Ion	Ratio	Lower Upper
264	100	
260	24.7	19.6 29.4
265	61.1	38.6 58.0#



Instrument :
 BNA_N
 ClientSampleId :
 BACKFILL-OFFSITE-3-SO-3