

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123981.D
 Acq On : 18 May 2021 16:30
 Operator : JU/CG
 Sample : M2435-07 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOMESTEAD-A

Quant Time: May 19 03:18:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

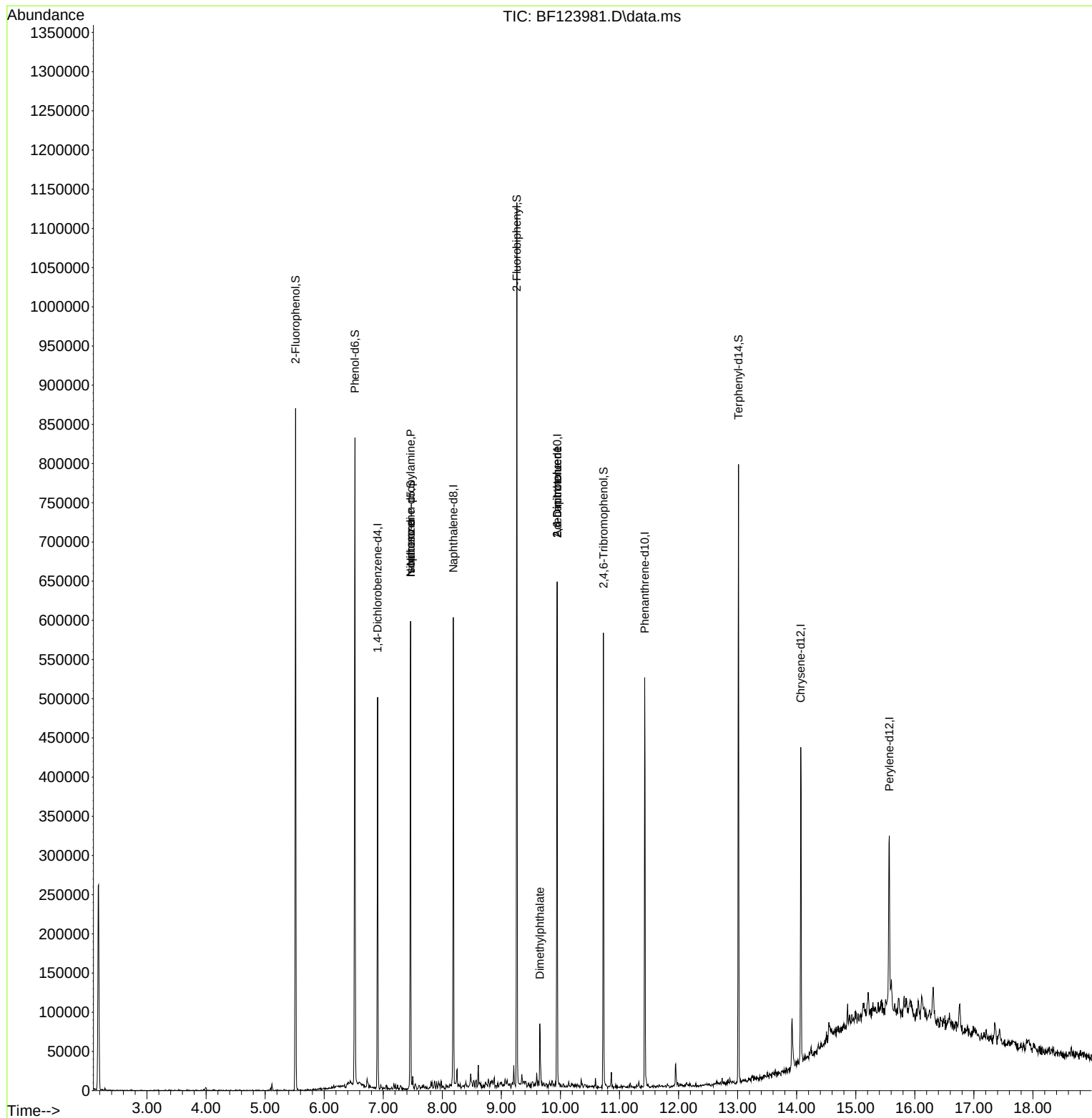
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	54207	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	208884	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	110466	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	163862	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	126605	20.00	ng	# 0.00
86) Perylene-d12	15.568	264	92593	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	165581	42.89	ng	0.00
7) Phenol-d6	6.522	99	207073	41.35	ng	0.00
23) Nitrobenzene-d5	7.463	82	150860	31.12	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	50872	38.34	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	266154	29.65	ng	0.00
79) Terphenyl-d14	13.015	244	203551	24.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	20485	6.05	ng	# 82
25) Isophorone	7.463	82	150856	16.18	ng	# 69
50) Dimethylphthalate	9.651	163	21052	2.39	ng	# 96
51) 2,6-Dinitrotoluene	9.945	165	13530	7.58	ng	# 11
57) 2,4-Dinitrotoluene	9.945	165	13530	6.18	ng	# 17

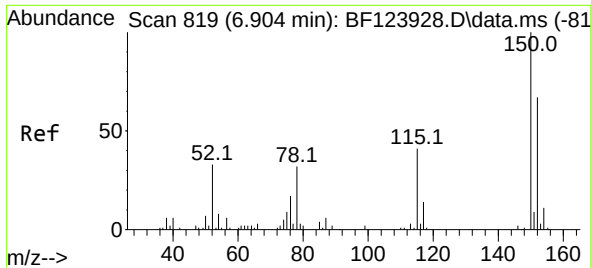
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 19 03:18:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

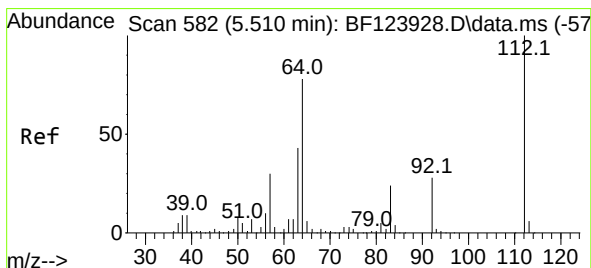
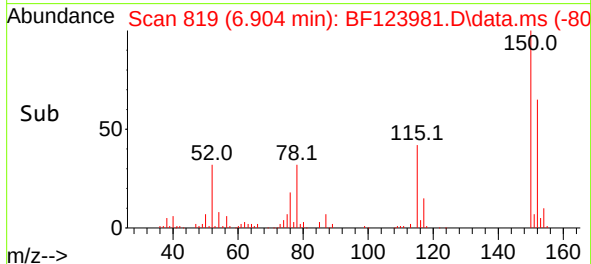
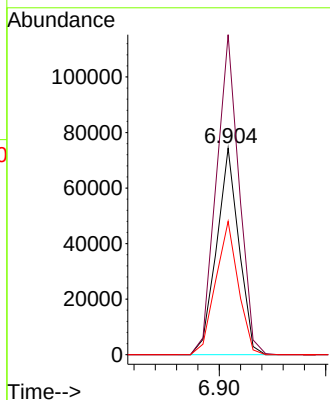
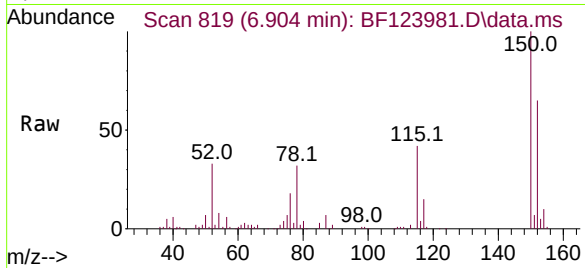




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

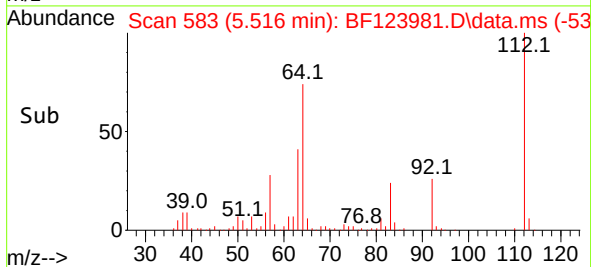
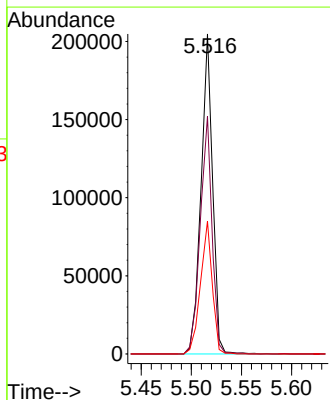
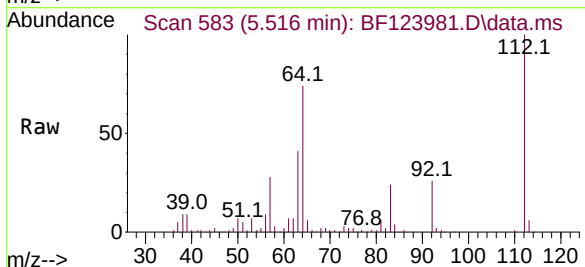
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-A

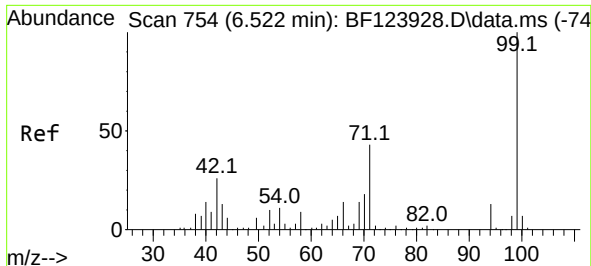
Tgt Ion:152 Resp: 54207
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 64.5 54.3 81.5



#5
2-Fluorophenol
Concen: 42.89 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion:112 Resp: 165581
Ion Ratio Lower Upper
112 100
64 74.3 61.4 92.0
63 41.5 33.0 49.4

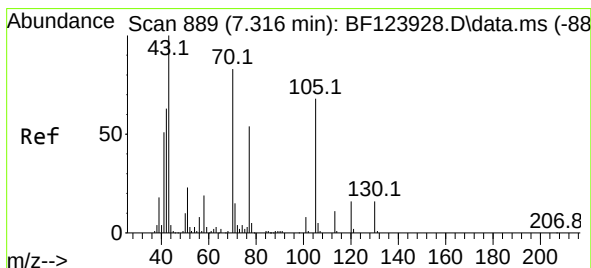
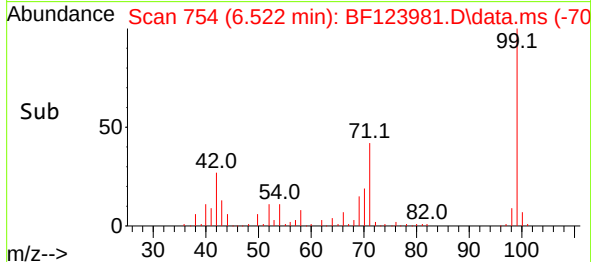
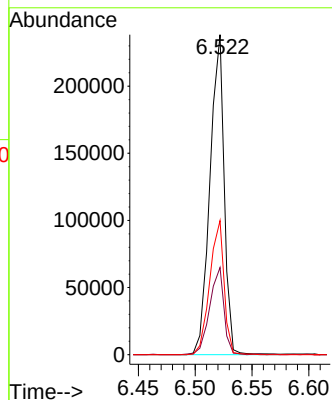
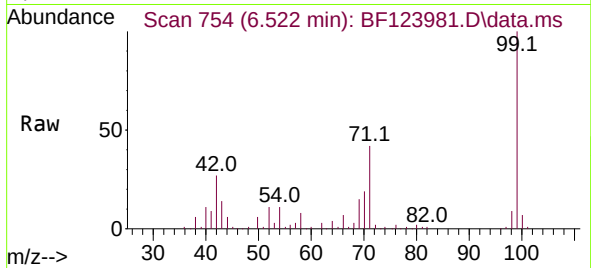




#7
Phenol-d6
Concen: 41.35 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

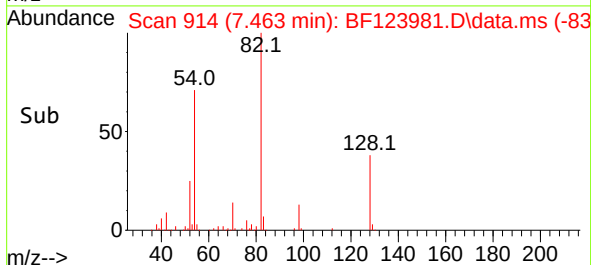
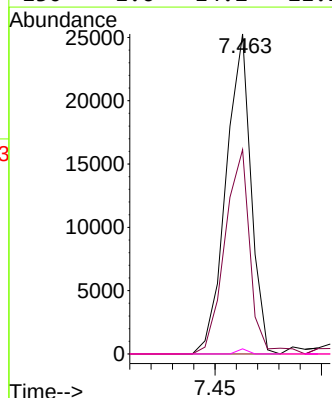
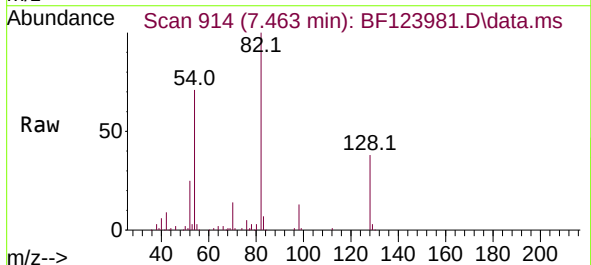
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-A

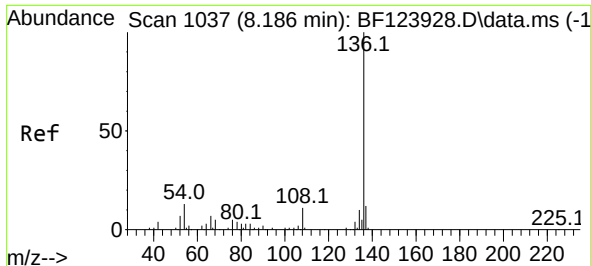
Tgt Ion: 99 Resp: 207073
Ion Ratio Lower Upper
99 100
42 27.3 19.8 29.8
71 41.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.05 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion: 70 Resp: 20485
Ion Ratio Lower Upper
70 100
42 63.9 60.1 90.1
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

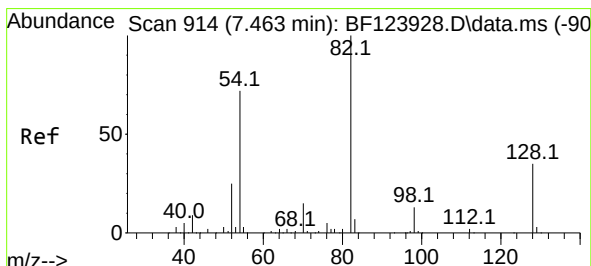
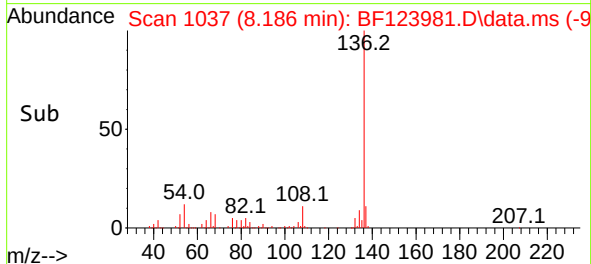
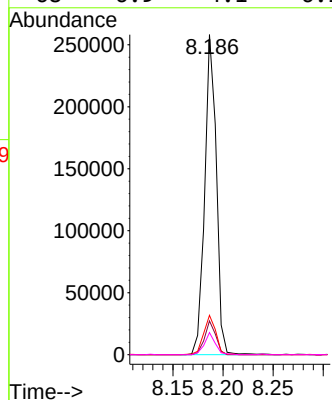
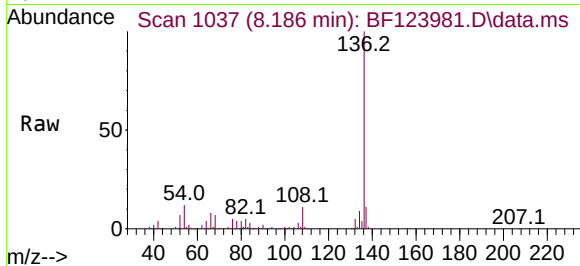




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

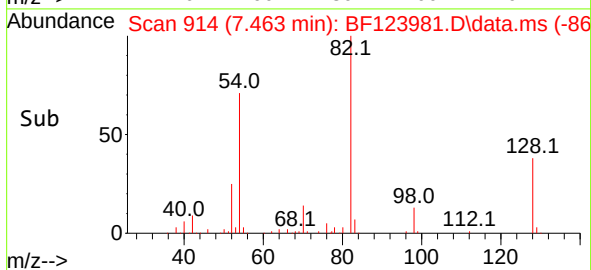
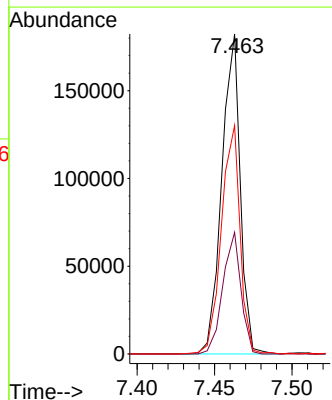
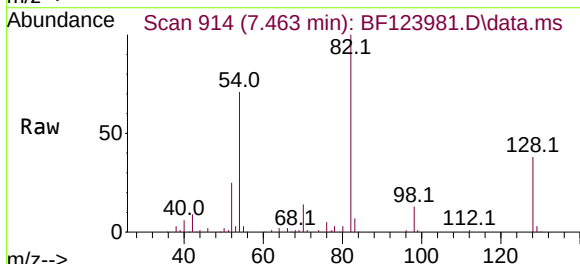
Instrument :
BNA_F
ClientSampleId :
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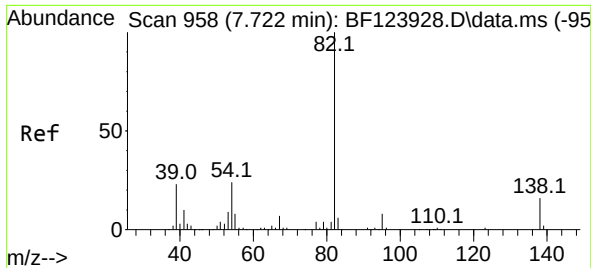
Tgt Ion:	136	Resp:	208884
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	12.3	9.8	14.6
68	6.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 31.12 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion:	82	Resp:	150860
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.4	44.2
54	71.4	54.1	81.1

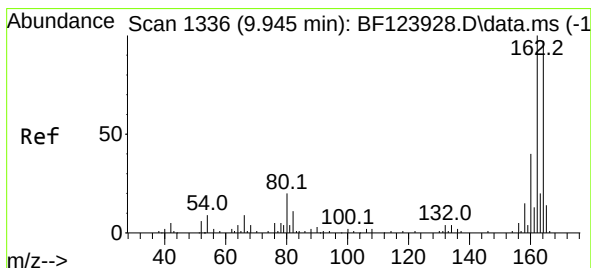
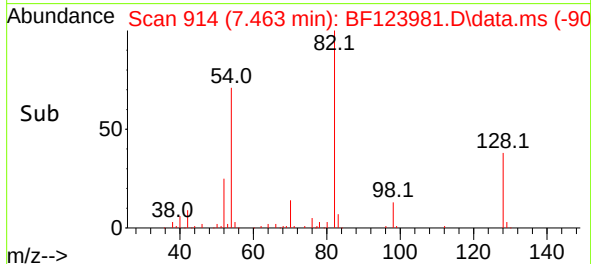
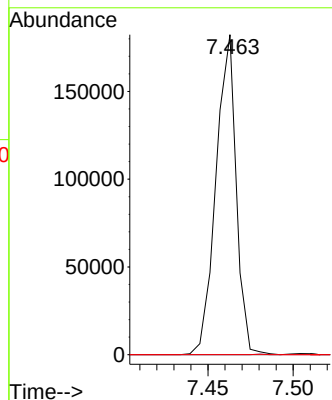
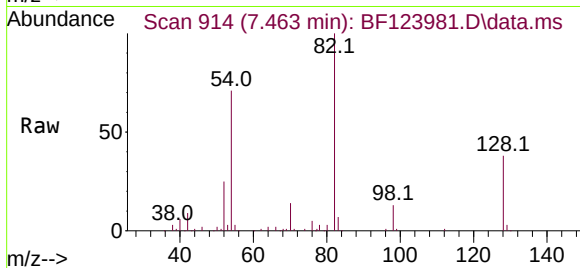




#25
Isophorone
Concen: 16.18 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

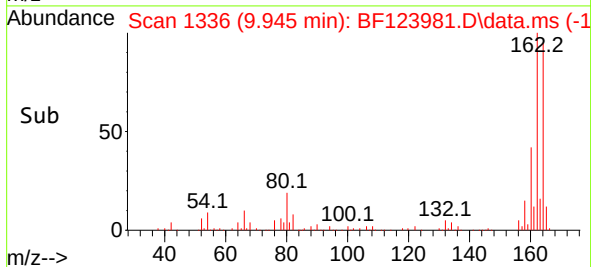
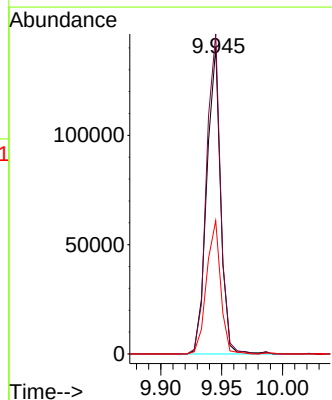
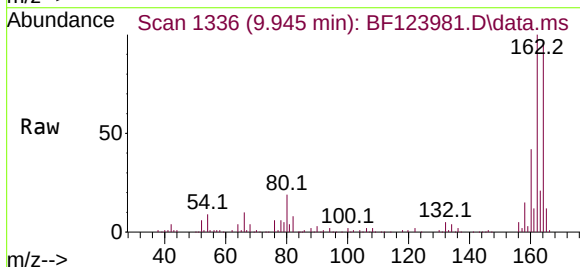
Instrument :
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ClientSampleId :
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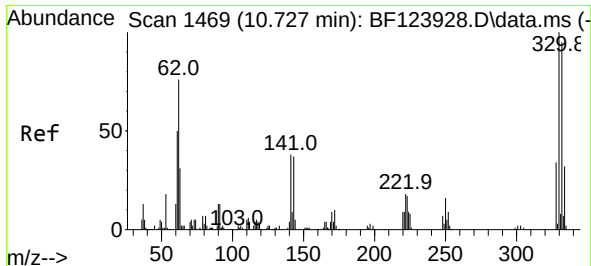
Tgt Ion: 82 Resp: 150856
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion: 164 Resp: 110466
Ion Ratio Lower Upper
164 100
162 104.3 80.7 121.1
160 43.5 37.3 55.9

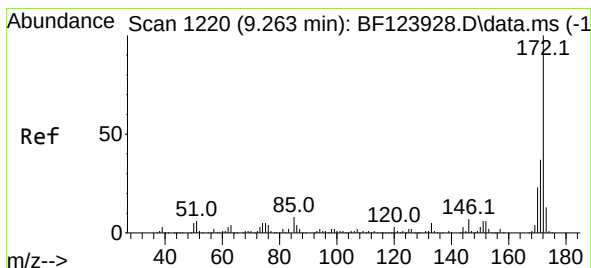
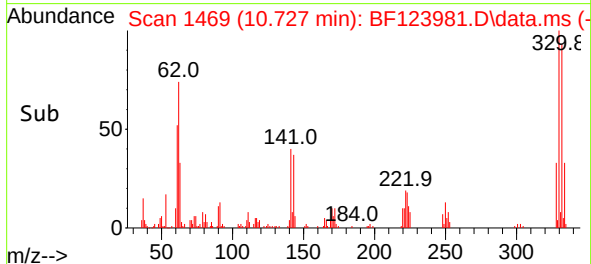
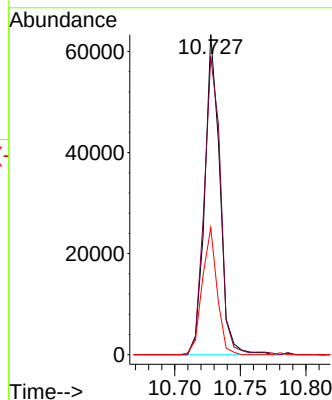
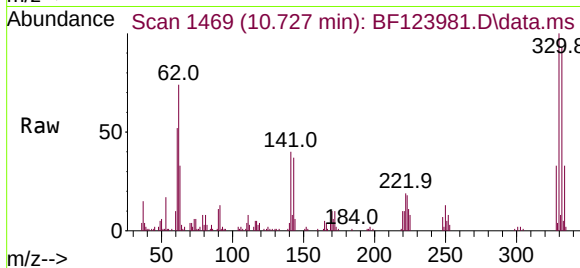




#42
2,4,6-Tribromophenol
Concen: 38.34 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

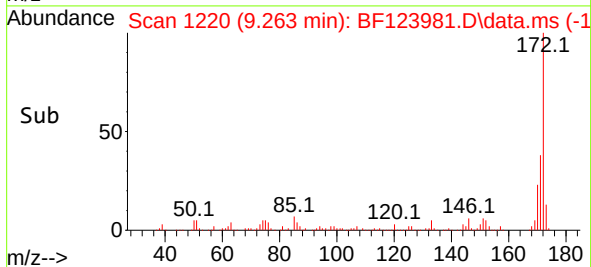
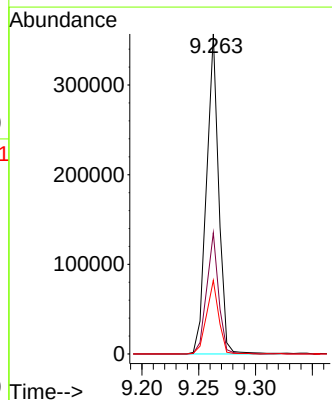
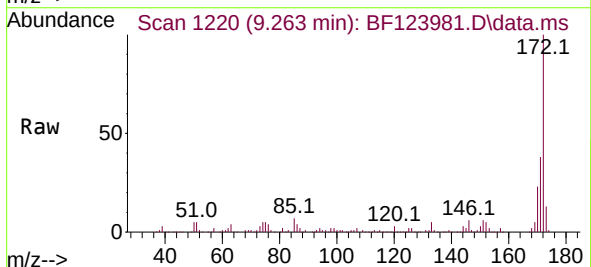
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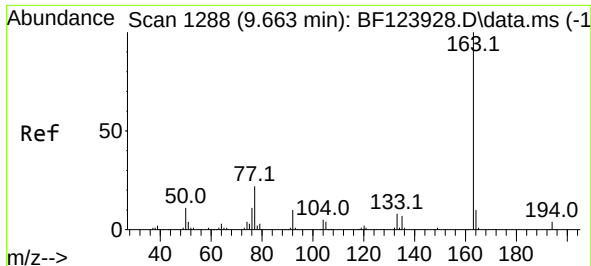
Tgt Ion: 330 Resp: 50872
Ion Ratio Lower Upper
330 100
332 100.9 77.1 115.7
141 39.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 29.65 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion: 172 Resp: 266154
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 23.0 19.2 28.8

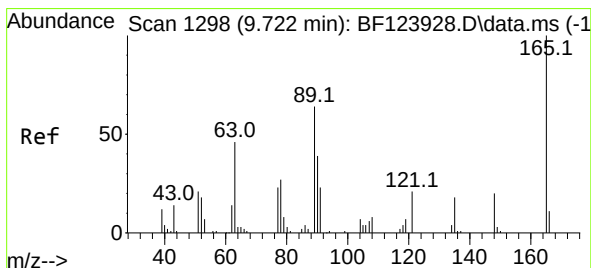
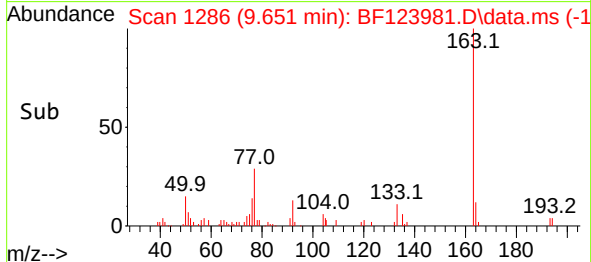
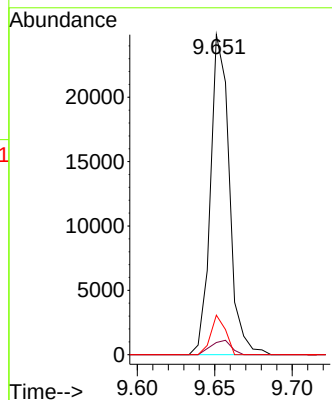
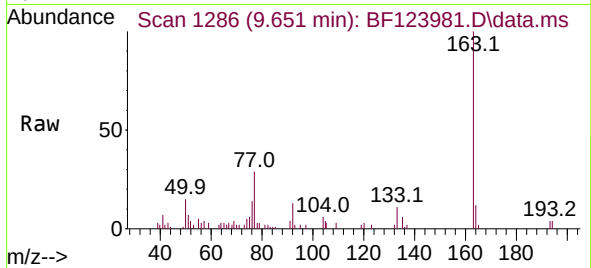




#50
Dimethylphthalate
Concen: 2.39 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

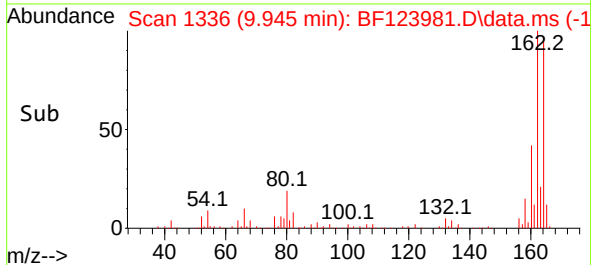
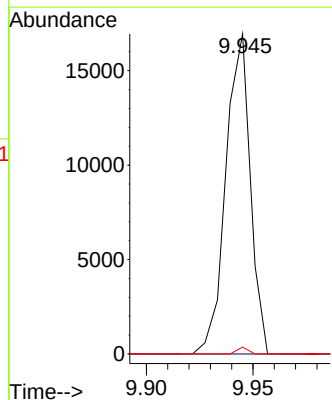
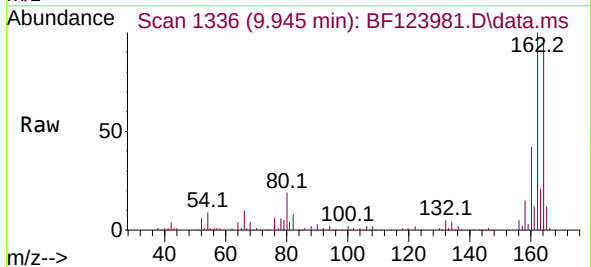
Instrument :
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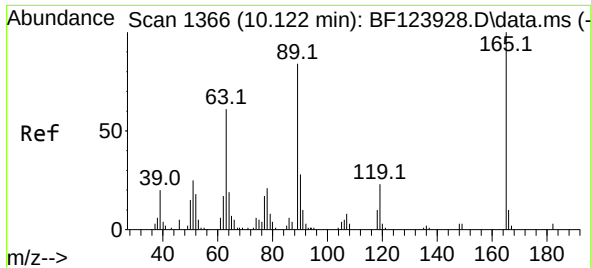
Tgt Ion:163 Resp: 21052
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 12.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.224 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion:165 Resp: 13530
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.2 58.8 88.2#

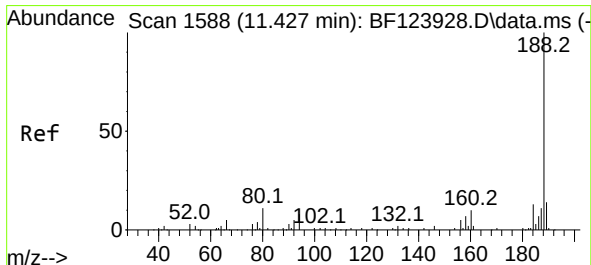
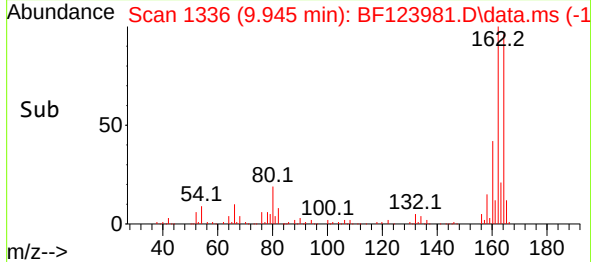
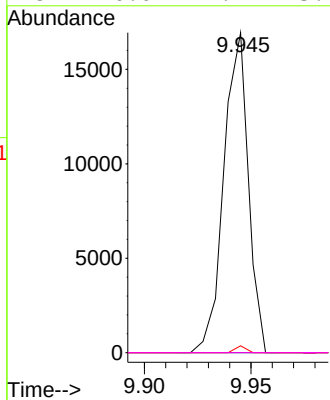
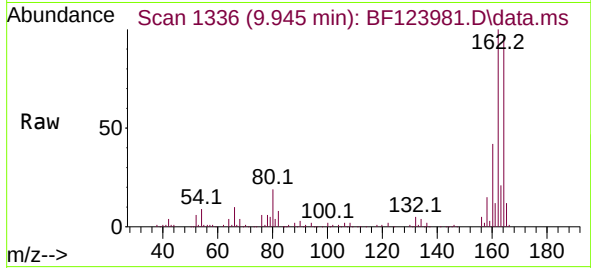




#57
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

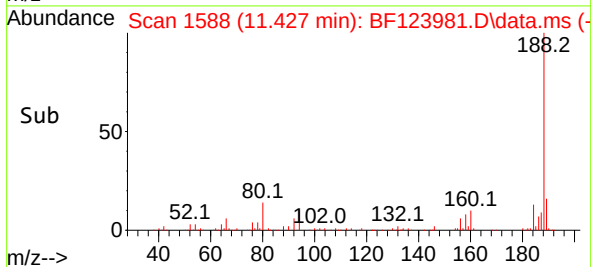
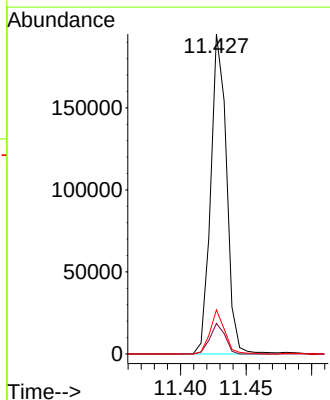
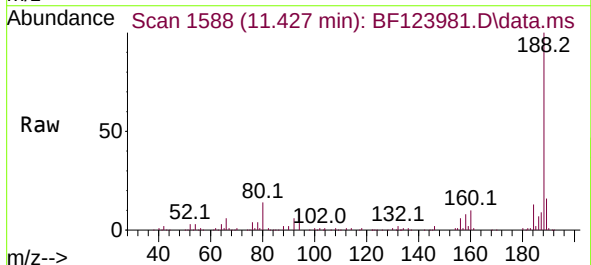
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-A

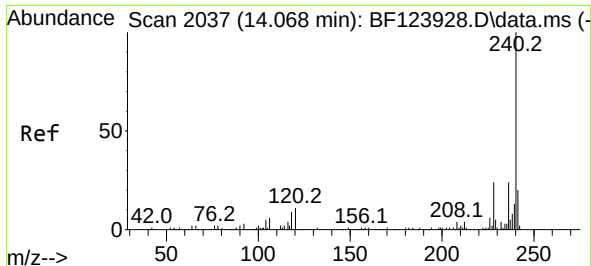
Tgt Ion:165 Resp: 13530
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.2 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion:188 Resp: 163862
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 13.8 8.2 12.2#

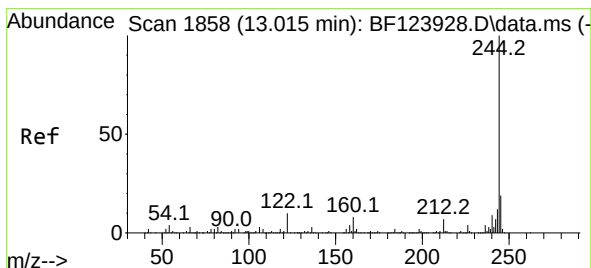
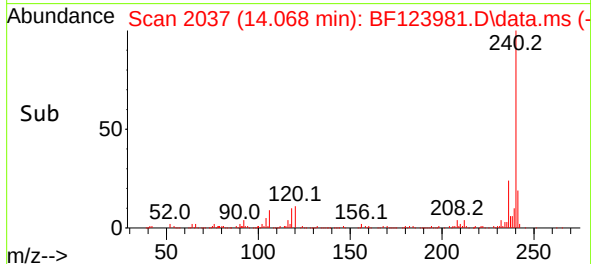
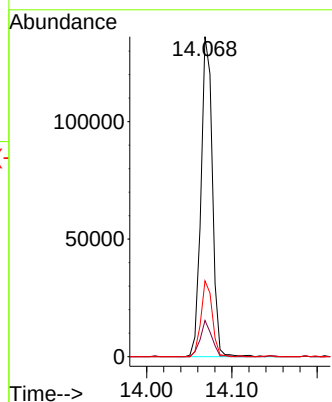
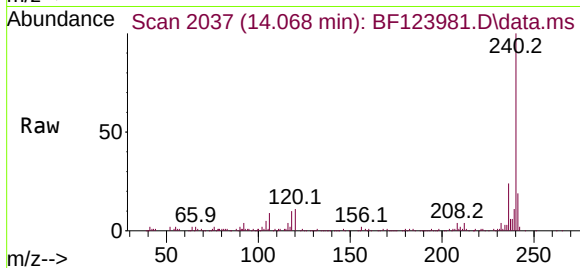




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

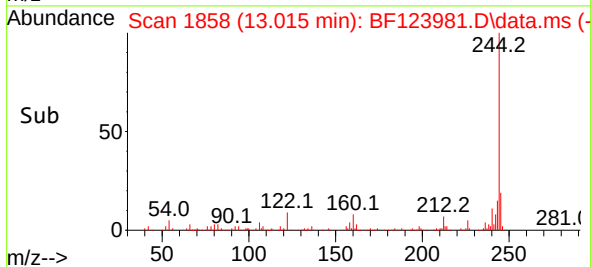
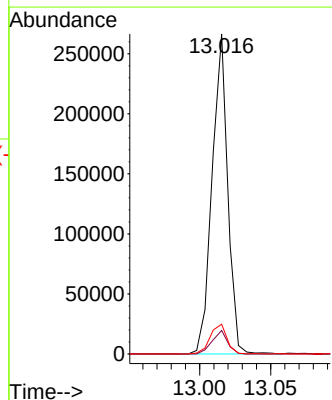
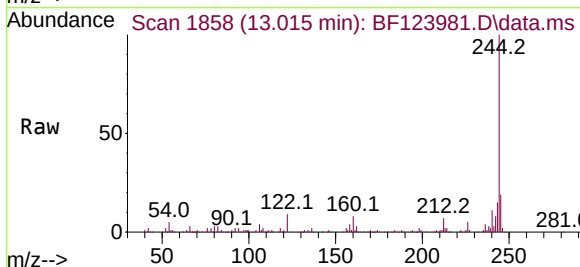
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-A

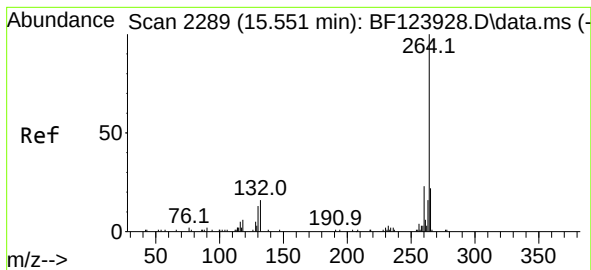
Tgt Ion:240 Resp: 126605
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 23.7 19.0 28.4



#79
Terphenyl-d14
Concen: 24.35 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123981.D
Acq: 18 May 2021 16:30

Tgt Ion:244 Resp: 203551
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.3 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF123981.D
 Acq: 18 May 2021 16:30

Instrument :
 BNA_F
 ClientSampleId :
 HOMESTEAD-A

Tgt Ion:264 Resp: 92593
 Ion Ratio Lower Upper
 264 100
 260 20.4 18.7 28.1
 265 20.7 17.8 26.8

