

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125343.D
 Acq On : 3 Sep 2021 13:15
 Operator : JU/CG
 Sample : PB138893BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138893BL

Quant Time: Sep 03 14:51:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

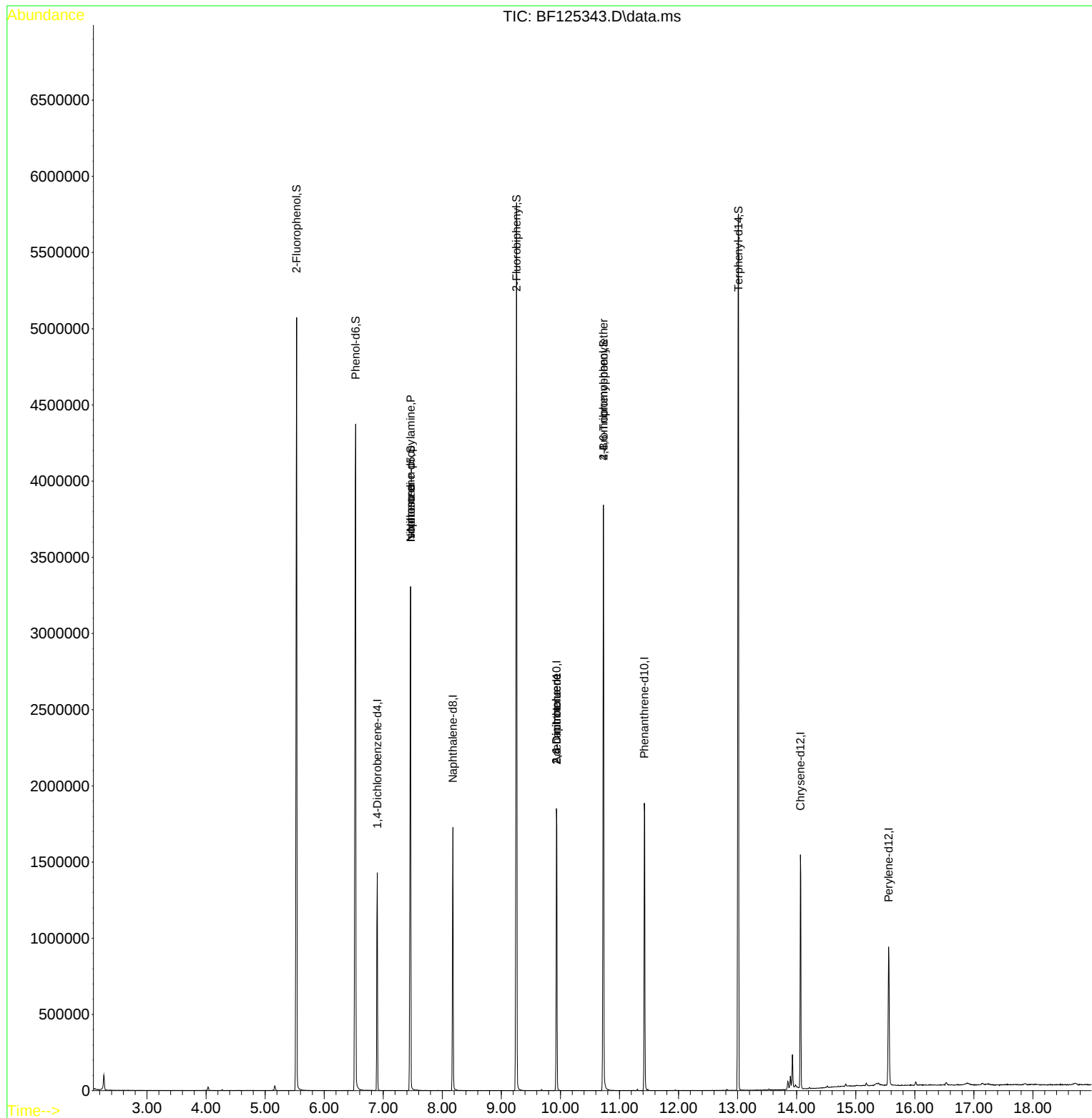
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	193250	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	775361	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	419865	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	768286	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	548055	20.000	ng	0.00
86) Perylene-d12	15.557	264	444323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1376036	107.776	ng	0.01
7) Phenol-d6	6.534	99	1741912	105.490	ng	0.00
23) Nitrobenzene-d5	7.463	82	1162065	75.453	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	554977	132.415	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2056851	68.277	ng	0.00
79) Terphenyl-d14	13.016	244	2437244	70.846	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	160234	16.133	ng	# 55
25) Isophorone	7.463	82	1162057	39.112	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	53524	8.484	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	53524	7.010	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	33043	3.582	ng	# 1

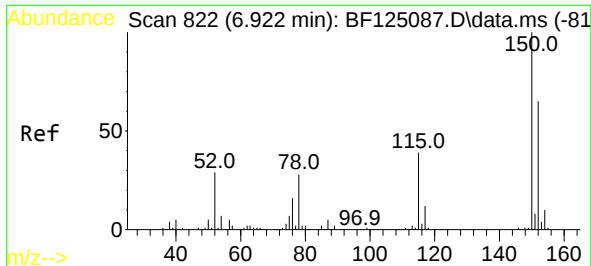
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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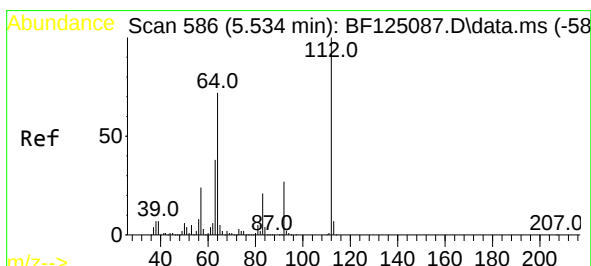
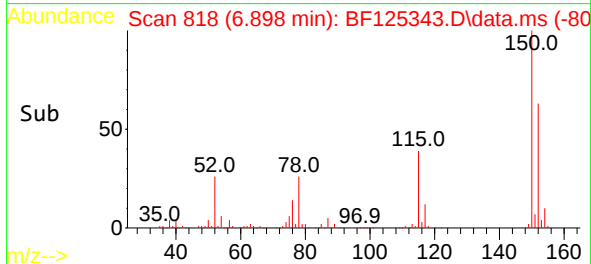
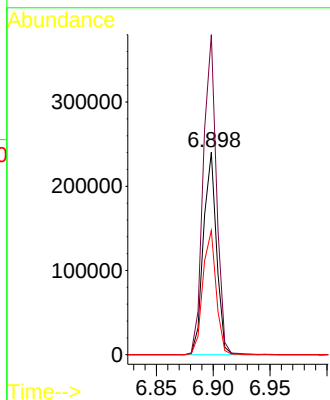
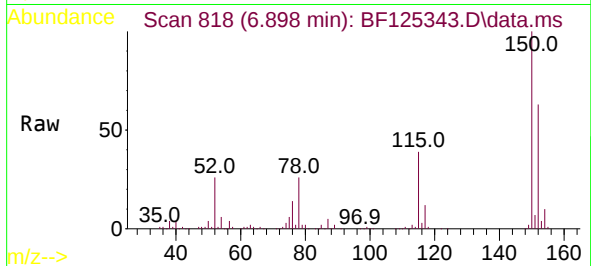




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

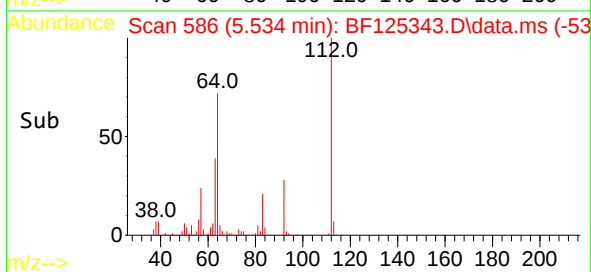
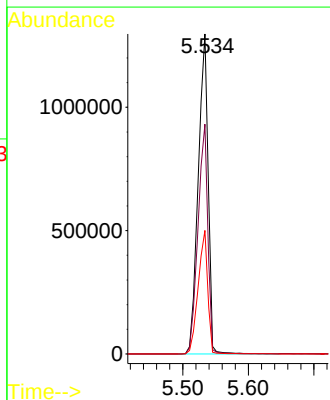
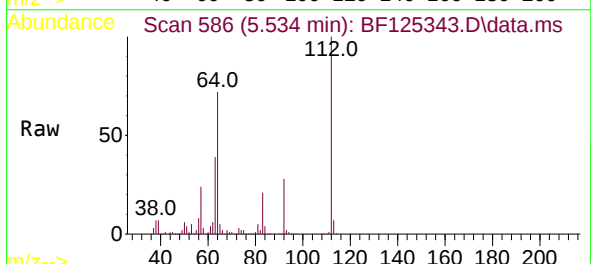
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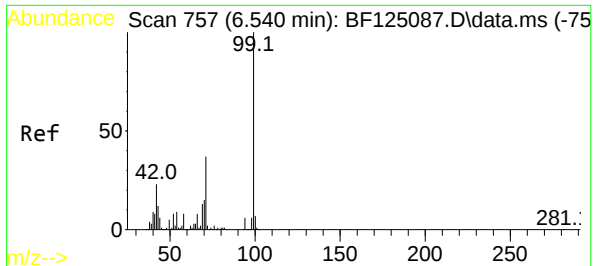
Tgt Ion:152 Resp: 193250
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 61.3 47.1 70.7



#5
2-Fluorophenol
Concen: 107.776 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

Tgt Ion:112 Resp: 1376036
Ion Ratio Lower Upper
112 100
64 71.8 44.2 66.2#
63 38.6 26.2 39.2

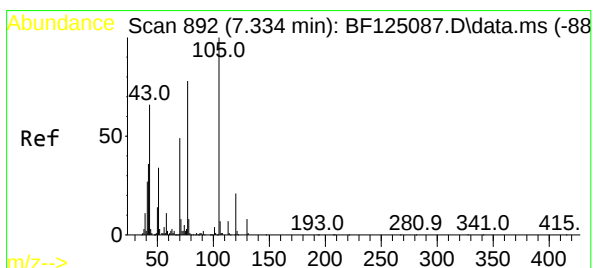
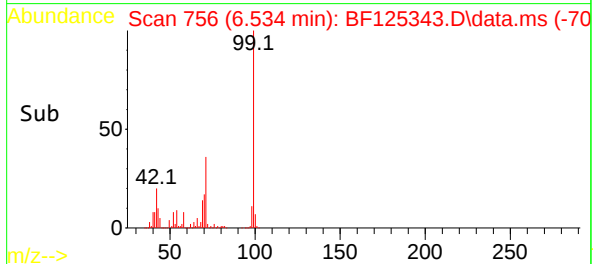
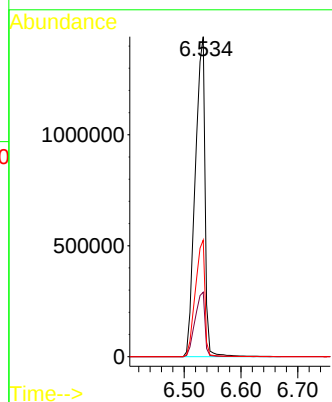
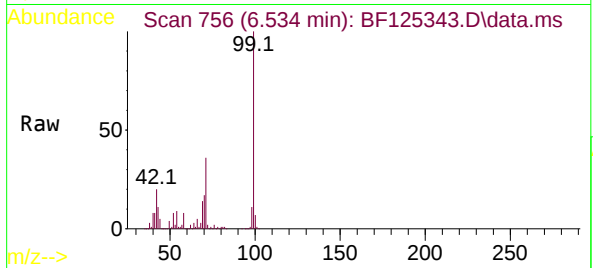




#7
Phenol-d6
Concen: 105.490 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

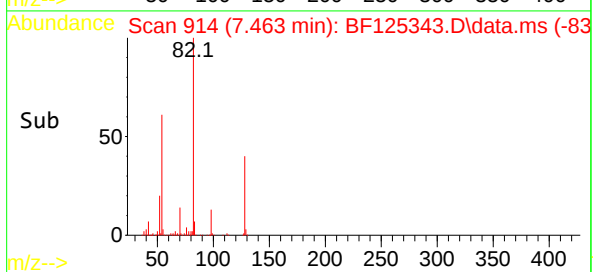
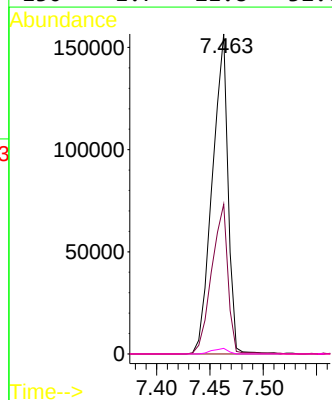
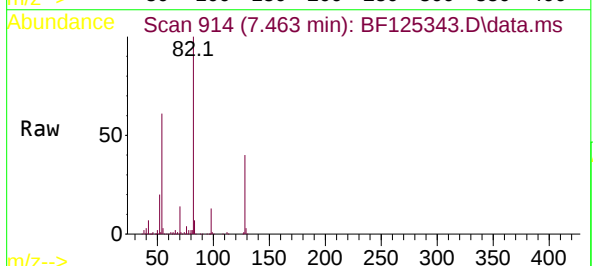
Instrument :
BNA_F
ClientSampleId :
PB138893BL

Tgt Ion: 99 Resp: 1741912
Ion Ratio Lower Upper
99 100
42 20.1 23.5 35.3#
71 36.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.133 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

Tgt Ion: 70 Resp: 160234
Ion Ratio Lower Upper
70 100
42 46.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

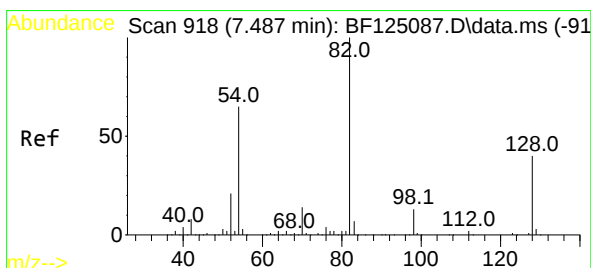
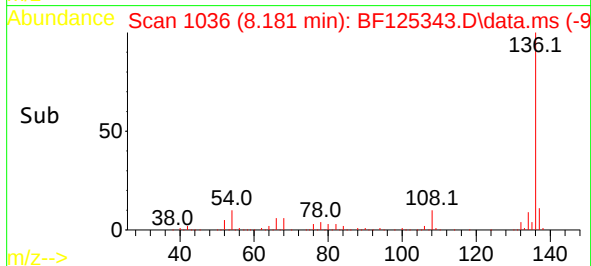
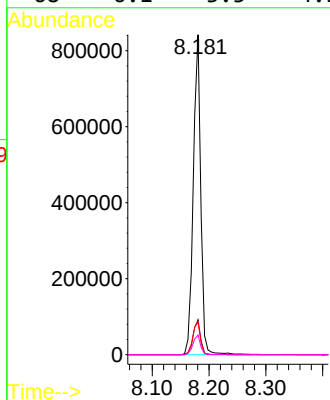
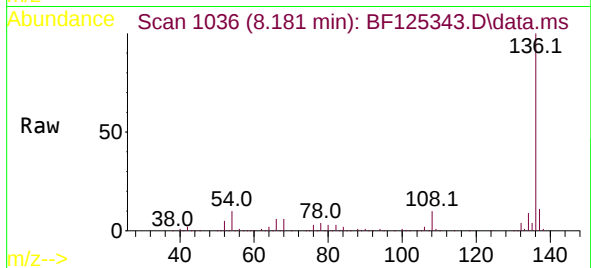




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

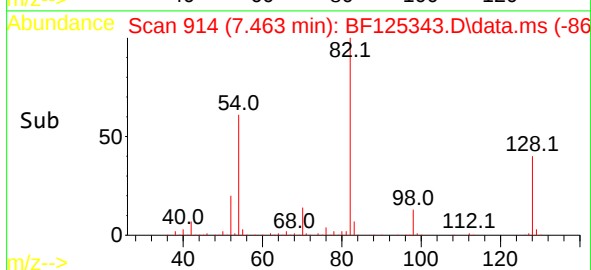
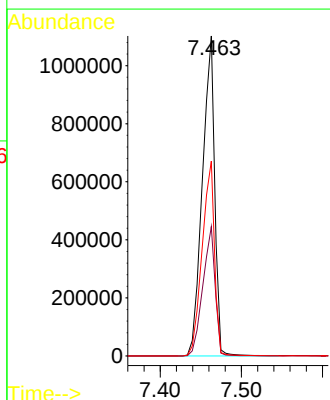
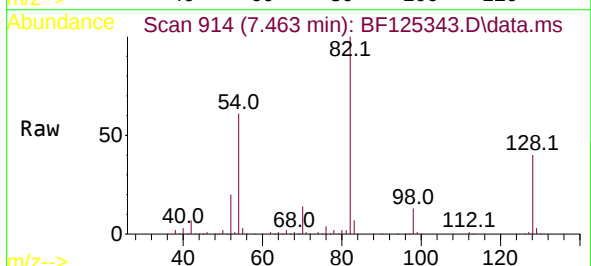
Instrument :
BNA_F
ClientSampleId :
PB138893BL

Tgt Ion:136 Resp: 775361
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.2 6.4 9.6#
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.453 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

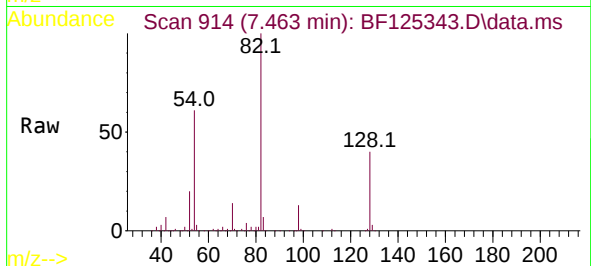
Tgt Ion: 82 Resp: 1162065
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 60.9 49.6 74.4



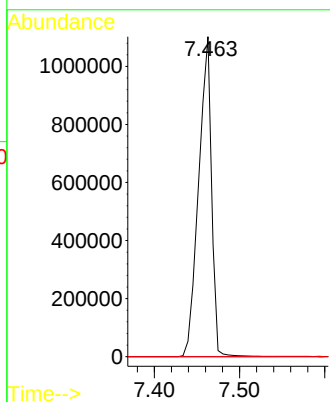
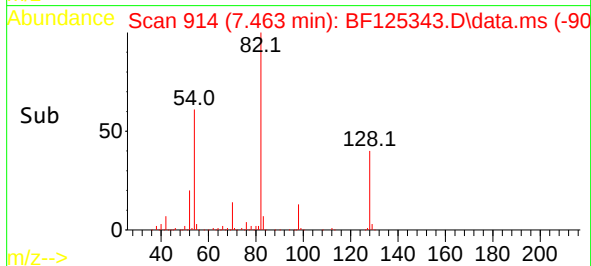


#25
Isophorone
Concen: 39.112 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

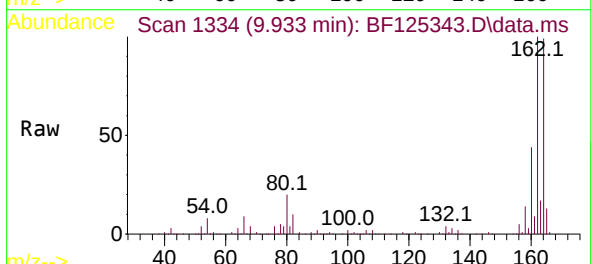
Instrument :
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ClientSampleId :
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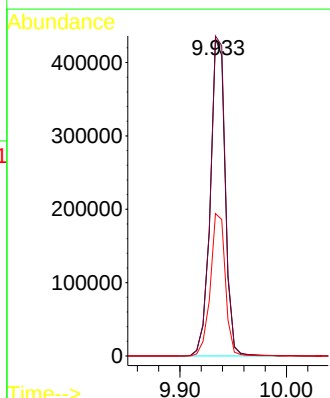
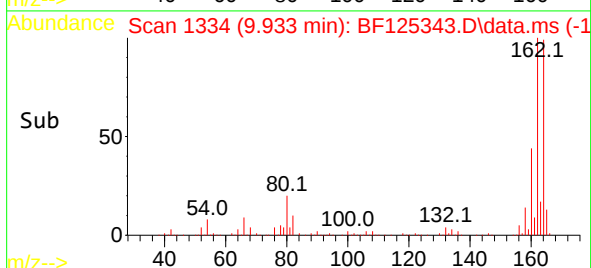
Tgt Ion: 82 Resp: 1162057
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

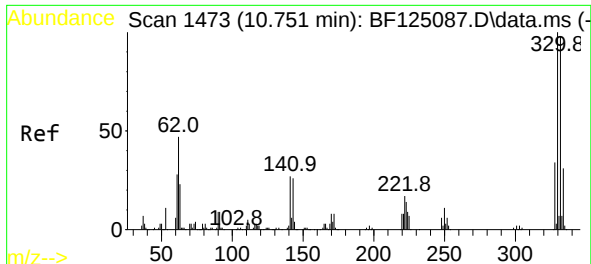


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15



Tgt Ion: 164 Resp: 419865
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.9 38.0 57.0

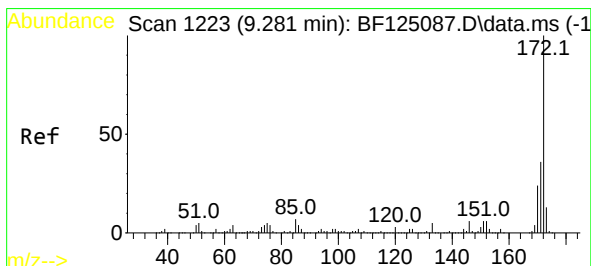
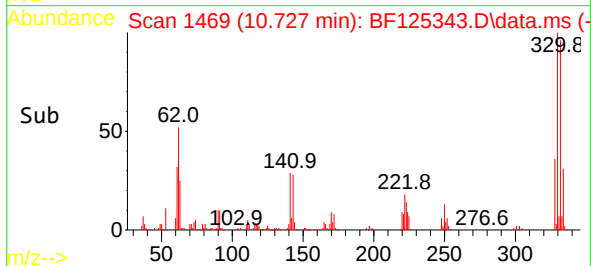
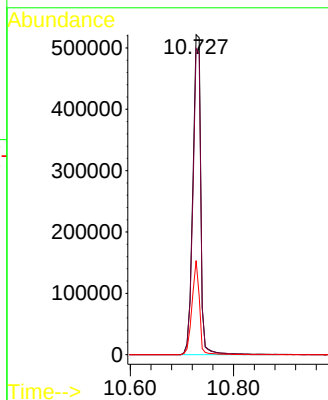
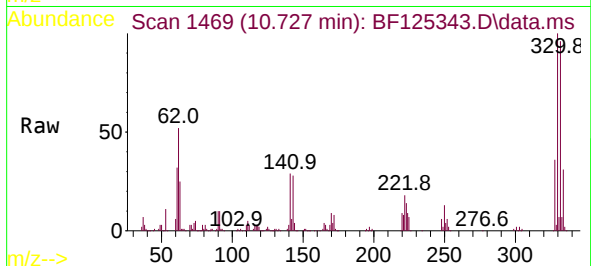




#42
2,4,6-Tribromophenol
Concen: 132.415 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

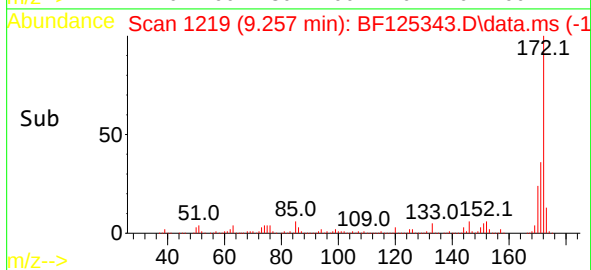
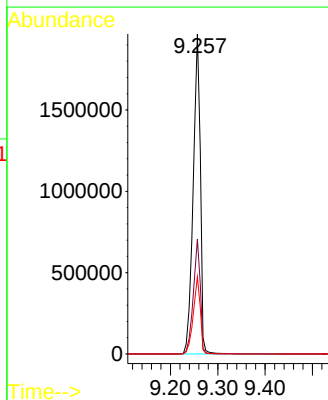
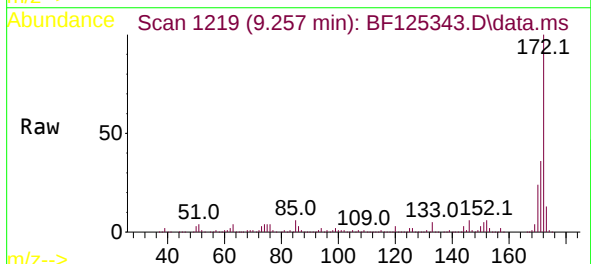
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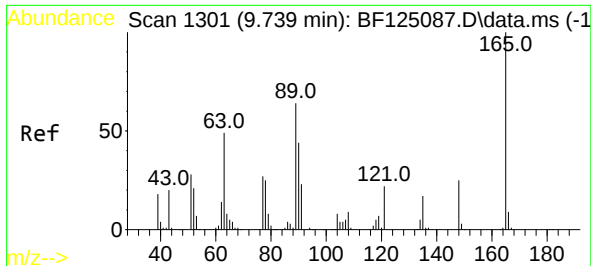
Tgt Ion:330 Resp: 554977
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 27.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.277 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

Tgt Ion:172 Resp: 2056851
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.1 18.8 28.2

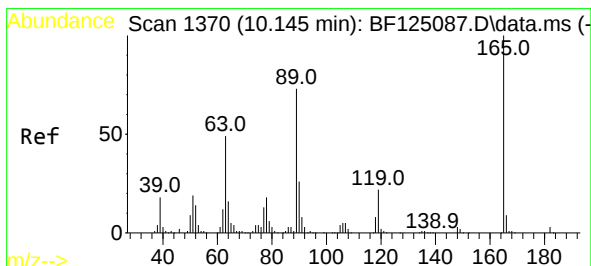
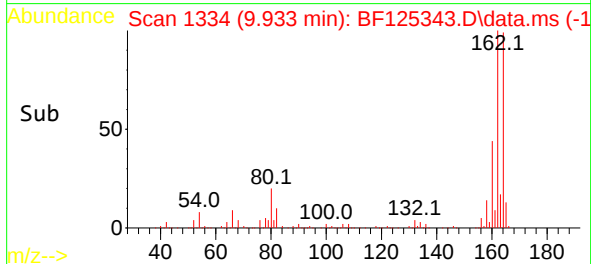
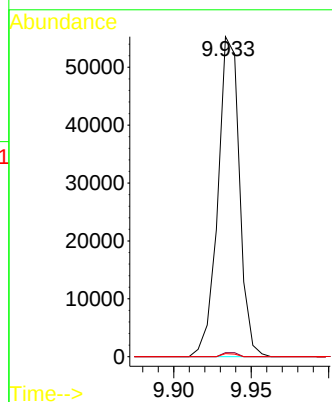
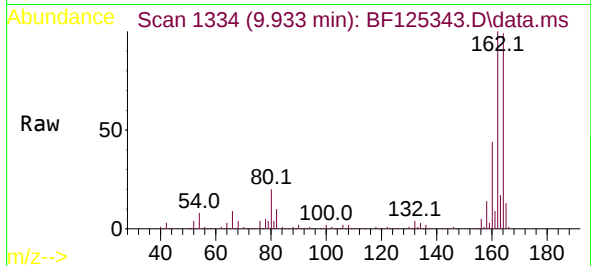




#51
2,6-Dinitrotoluene
Concen: 8.484 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

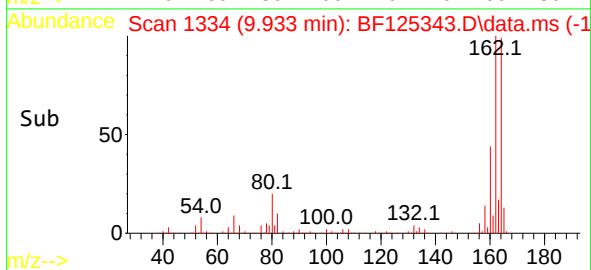
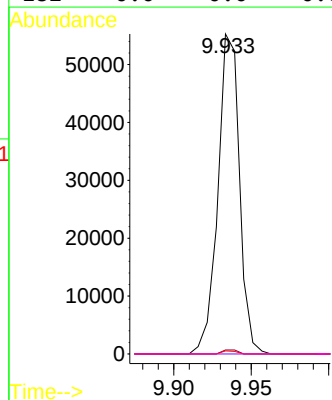
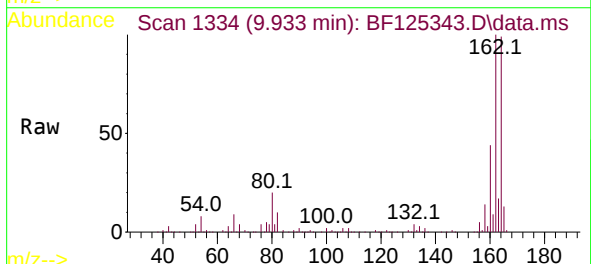
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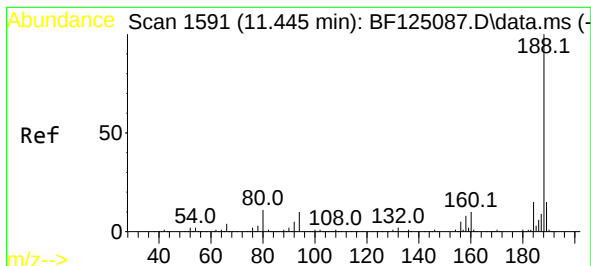
Tgt Ion:165 Resp: 53524
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.010 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

Tgt Ion:165 Resp: 53524
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

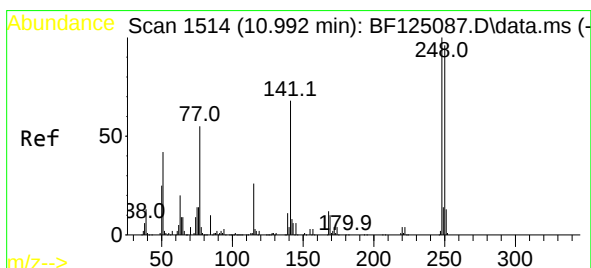
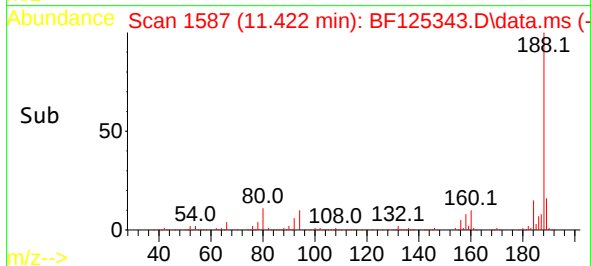
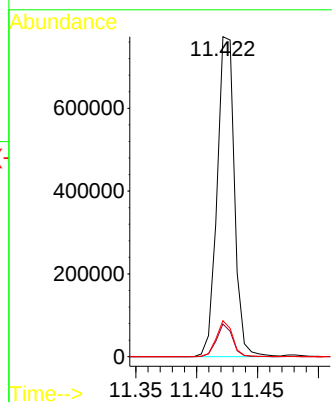
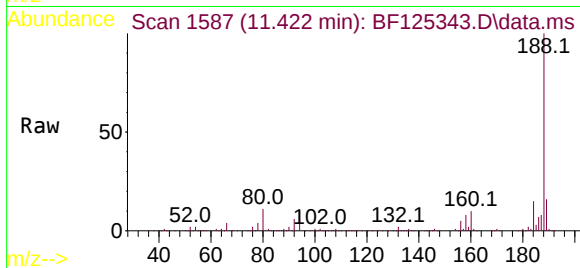




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

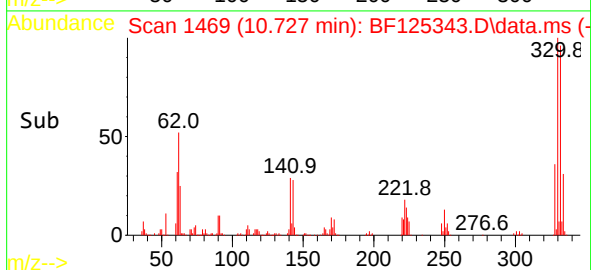
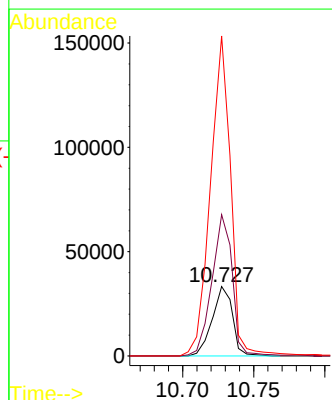
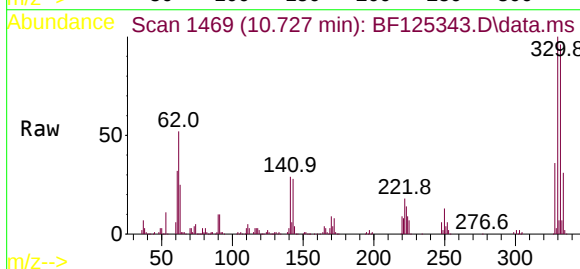
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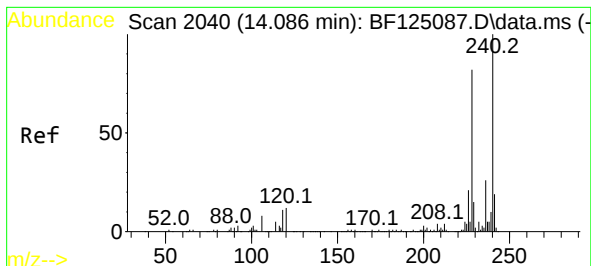
Tgt Ion:188 Resp: 768286
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 11.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.582 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

Tgt Ion:248 Resp: 33043
Ion Ratio Lower Upper
248 100
250 203.7 74.2 111.4#
141 461.3 60.4 90.6#

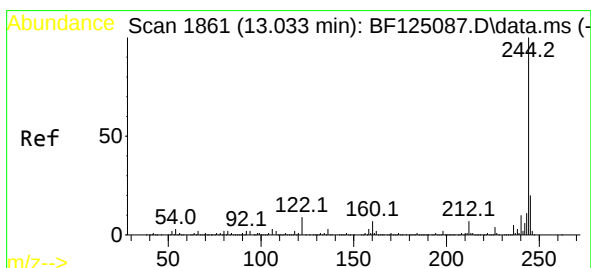
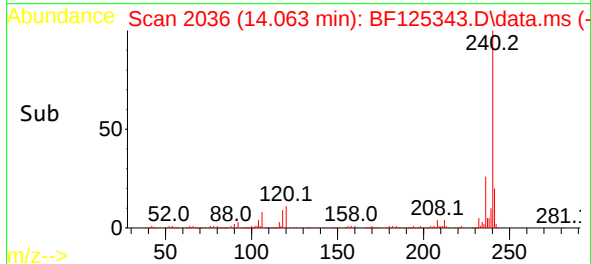
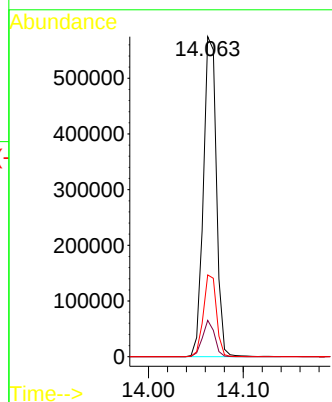
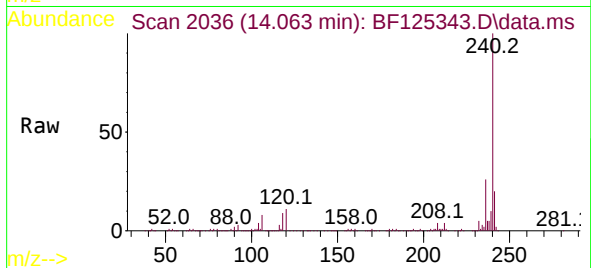




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

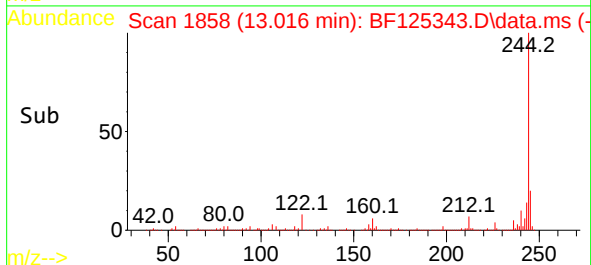
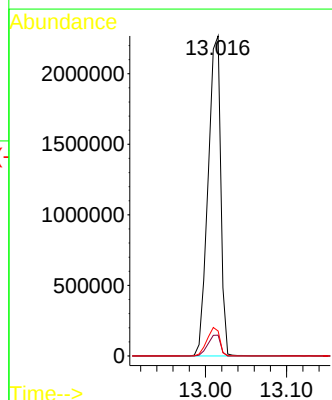
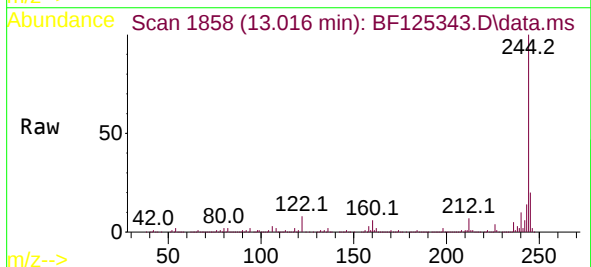
Instrument :
BNA_F
ClientSampleId :
PB138893BL

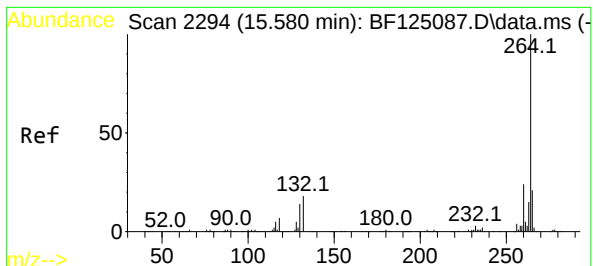
Tgt Ion:240 Resp: 548055
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 70.846 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125343.D
Acq: 3 Sep 2021 13:15

Tgt Ion:244 Resp: 2437244
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.8 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF125343.D
 Acq: 3 Sep 2021 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB138893BL

Tgt Ion:264 Resp: 444323
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 20.8 17.2 25.8

