

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125381.D
 Acq On : 7 Sep 2021 11:24
 Operator : JU/CG
 Sample : PB138926BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138926BL

Quant Time: Sep 07 12:03:33 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

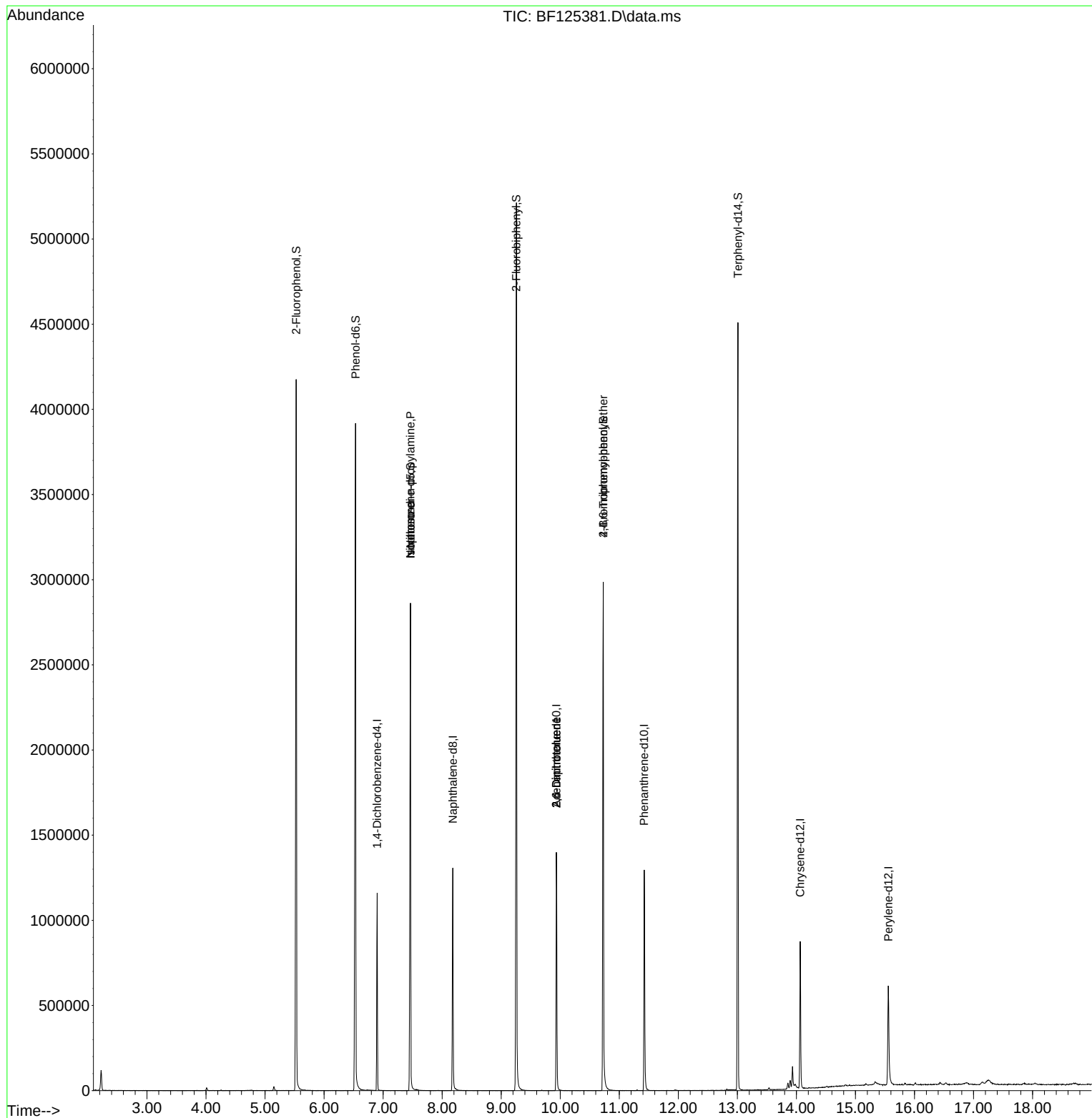
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	154448	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	600863	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	309140	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	542053	20.000	ng	0.00
76) Chrysene-d12	14.062	240	326501	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	321750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1144452	112.157	ng	0.00
7) Phenol-d6	6.533	99	1401756	106.217	ng	0.00
23) Nitrobenzene-d5	7.463	82	946060	79.267	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	407115	131.927	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1662171	74.938	ng	0.00
79) Terphenyl-d14	13.010	244	1627719	79.421	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	126988	15.998	ng	# 56
25) Isophorone	7.463	82	946055	41.089	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	40456	8.709	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	40456	7.196	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	26301	4.041	ng	# 1

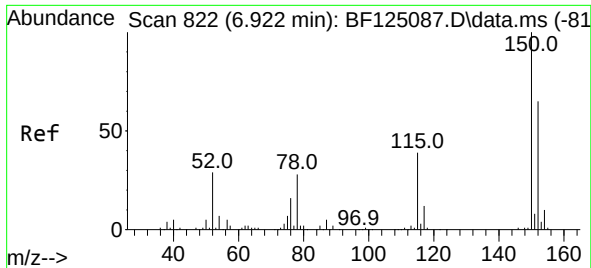
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 03 11:56:34 2021
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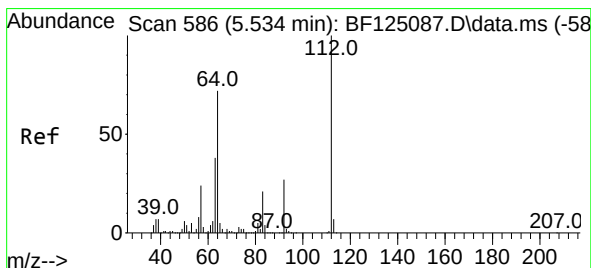
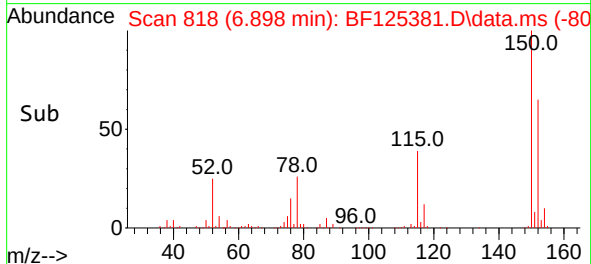
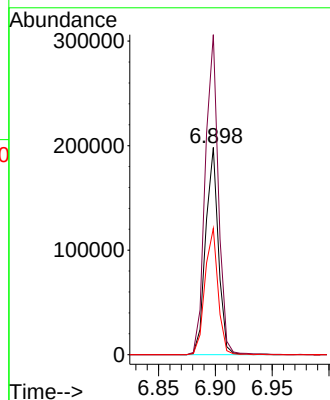
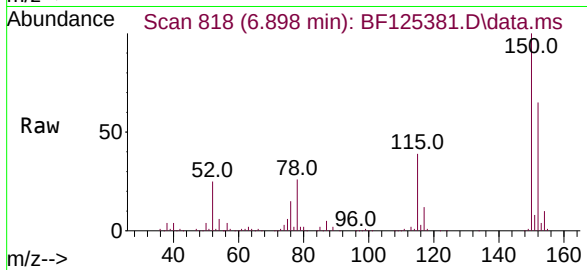




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

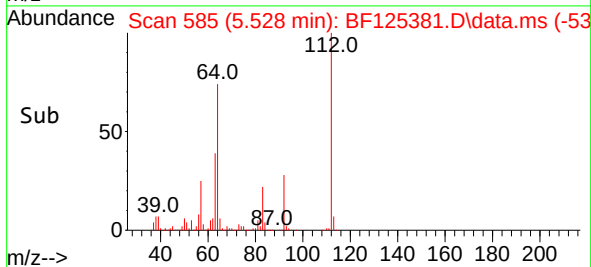
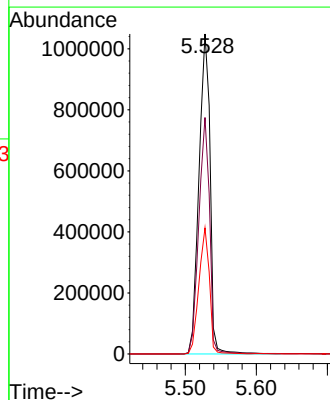
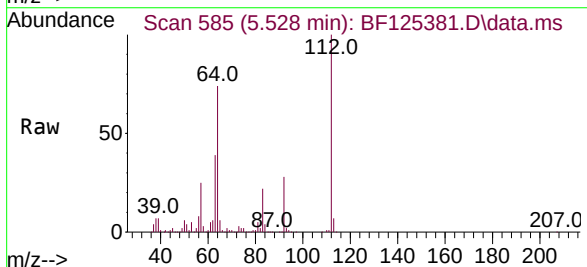
Instrument :
BNA_F
ClientSampleId :
PB138926BL

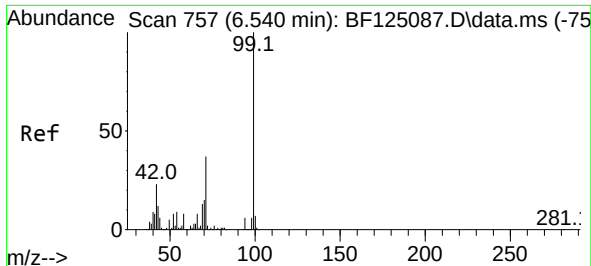
Tgt Ion:152 Resp: 154448
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 112.157 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion:112 Resp: 1144452
Ion Ratio Lower Upper
112 100
64 73.9 44.2 66.2#
63 39.4 26.2 39.2#

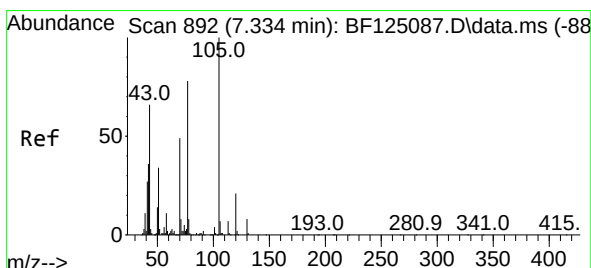
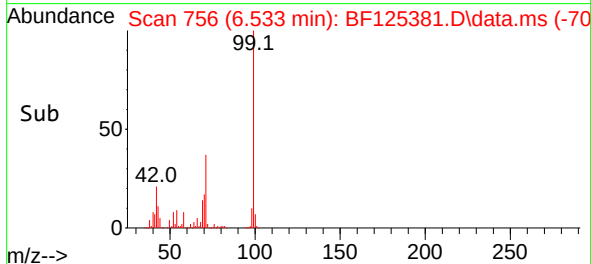
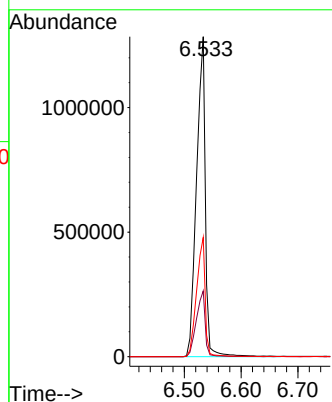
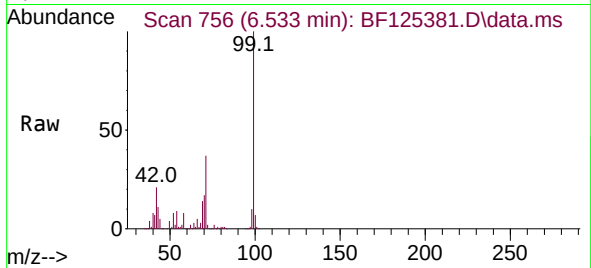




#7
Phenol-d6
Concen: 106.217 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

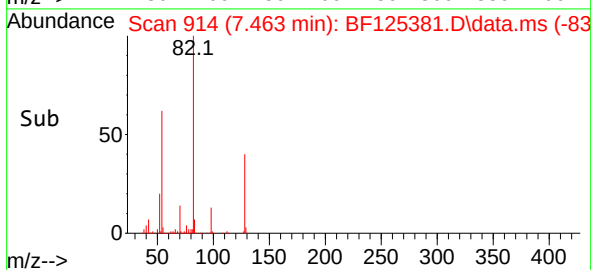
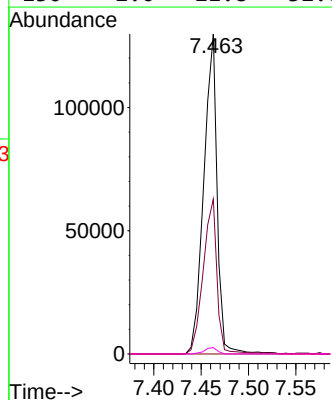
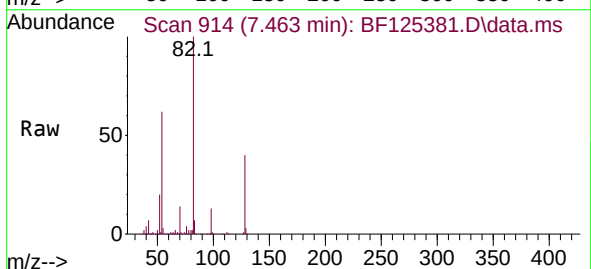
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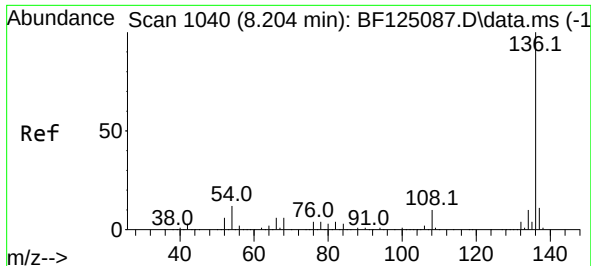
Tgt Ion: 99 Resp: 1401756
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 37.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.998 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion: 70 Resp: 126988
Ion Ratio Lower Upper
70 100
42 48.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

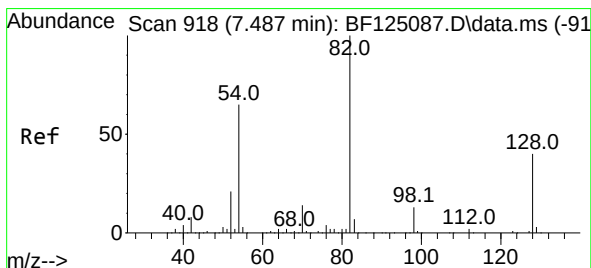
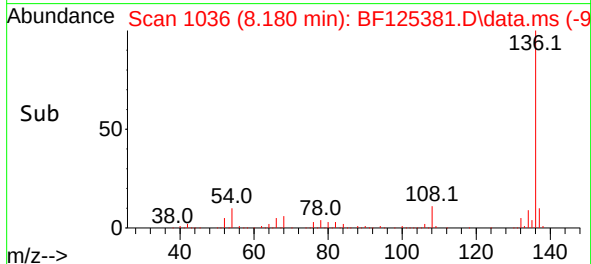
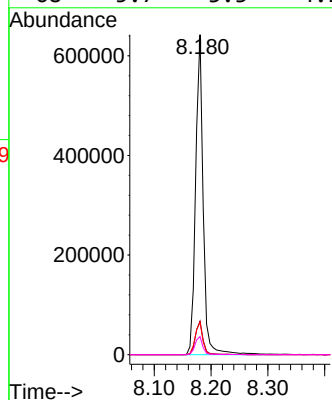
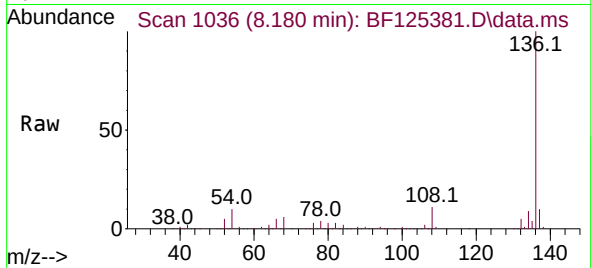




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

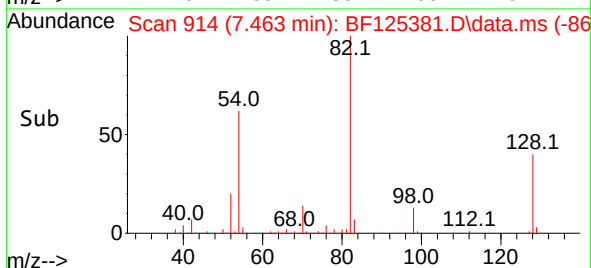
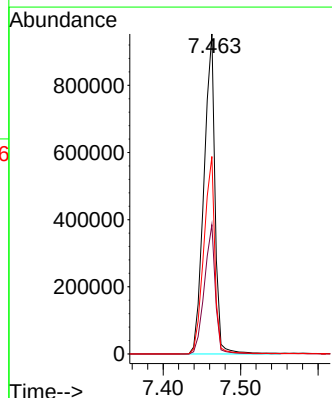
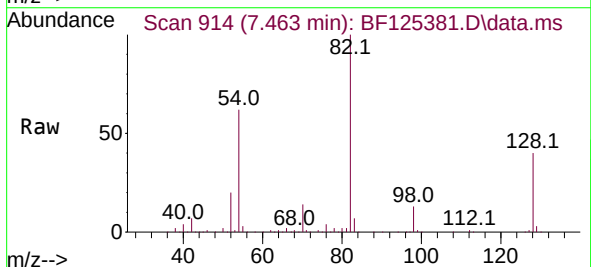
Instrument :
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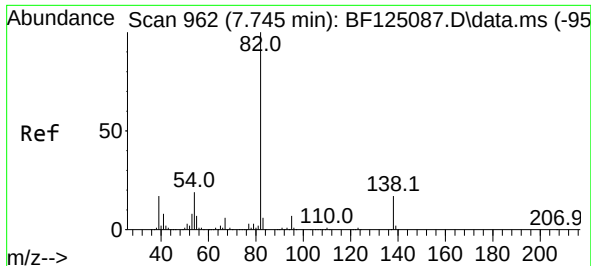
Tgt Ion:136 Resp: 600863
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 10.1 6.4 9.6#
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.267 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion: 82 Resp: 946060
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 61.7 49.6 74.4

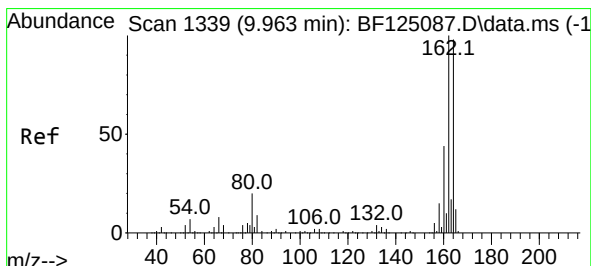
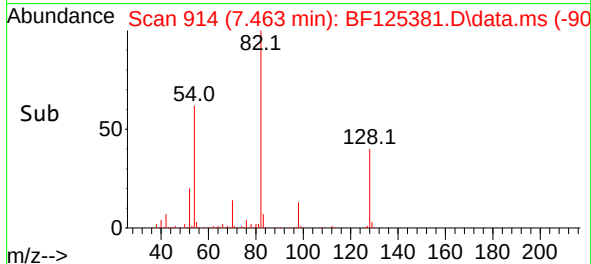
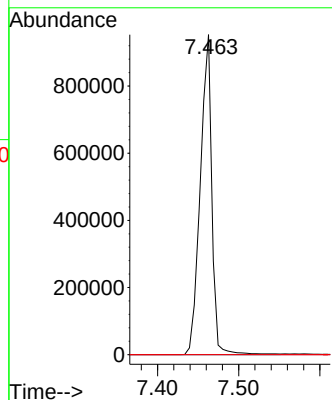
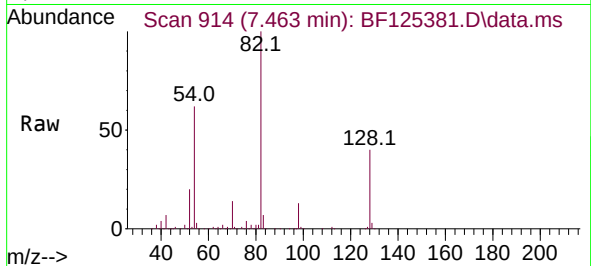




#25
Isophorone
Concen: 41.089 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

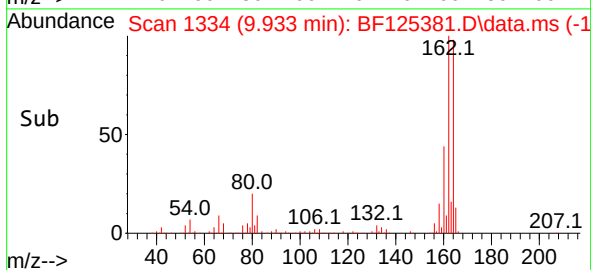
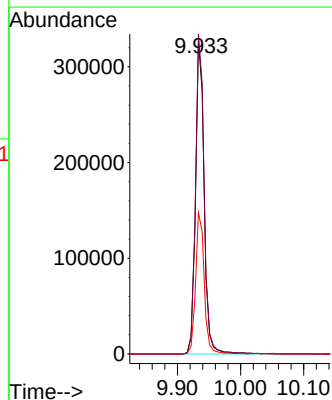
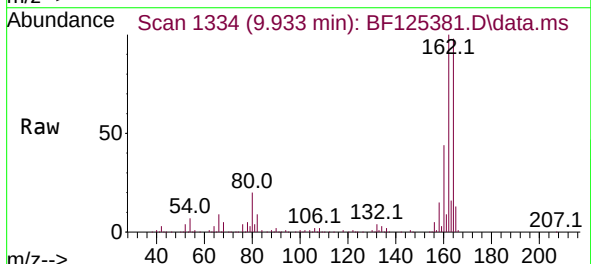
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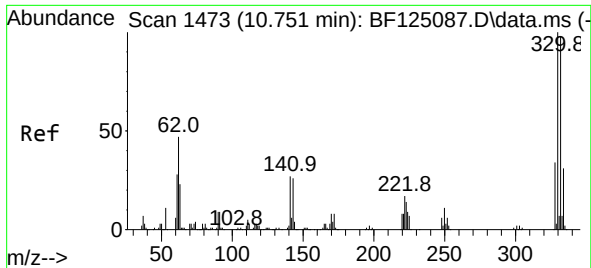
Tgt Ion: 82 Resp: 946055
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion: 164 Resp: 309140
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.2 38.0 57.0

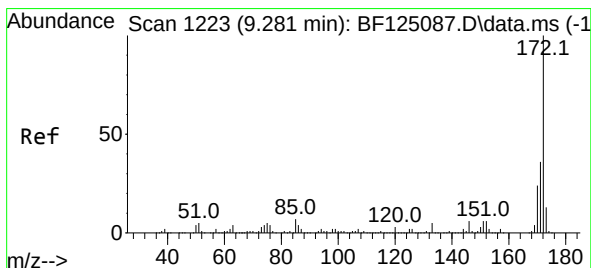
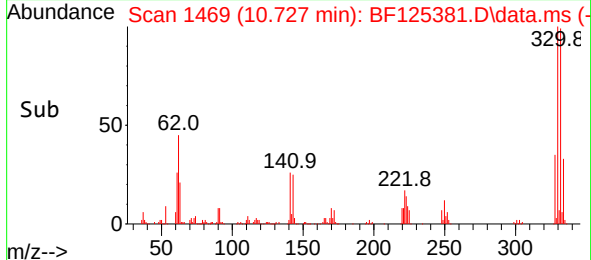
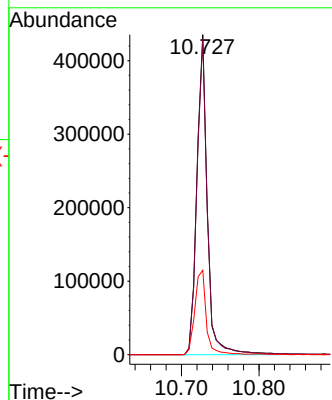
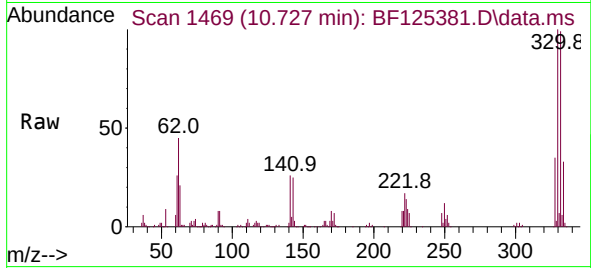




#42
2,4,6-Tribromophenol
Concen: 131.927 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

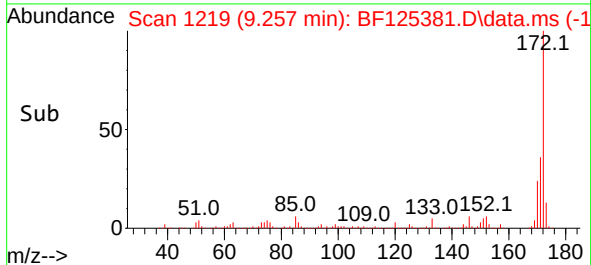
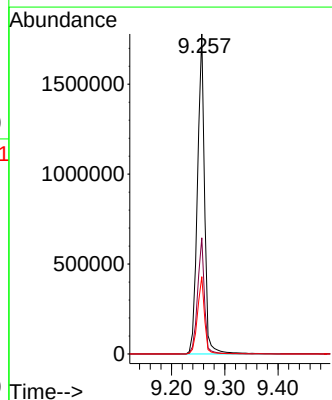
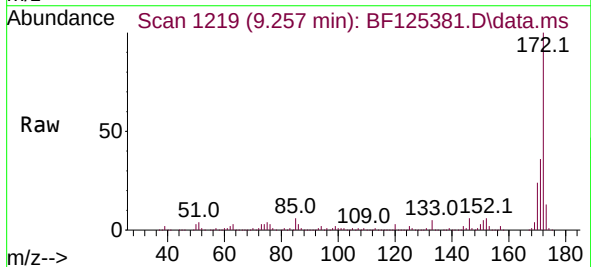
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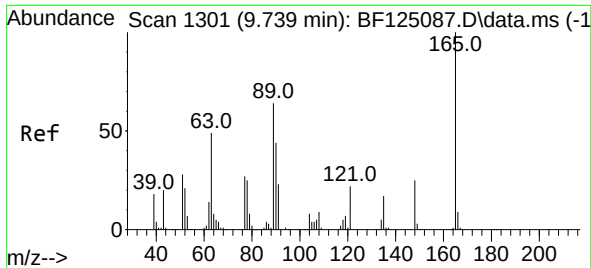
Tgt Ion:330 Resp: 407115
Ion Ratio Lower Upper
330 100
332 98.6 76.2 114.4
141 28.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.938 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion:172 Resp: 1662171
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.2 18.8 28.2

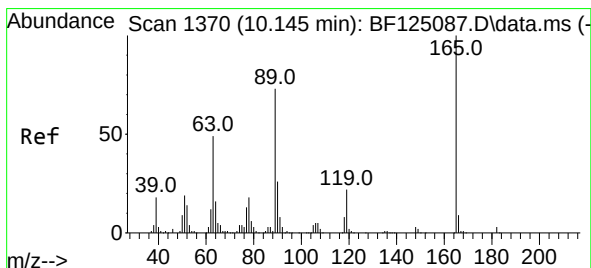
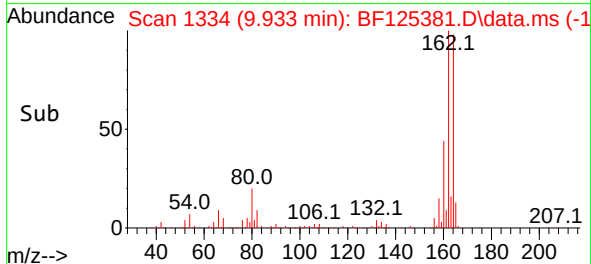
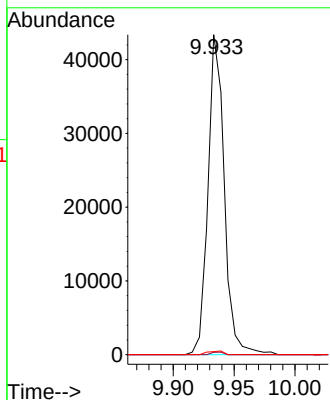
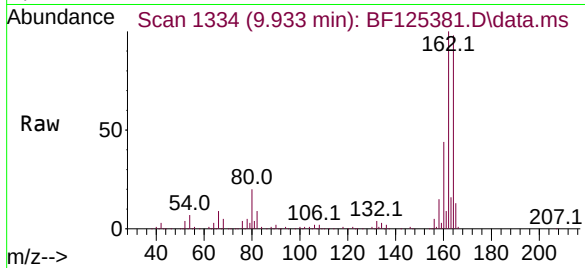




#51
2,6-Dinitrotoluene
Concen: 8.709 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

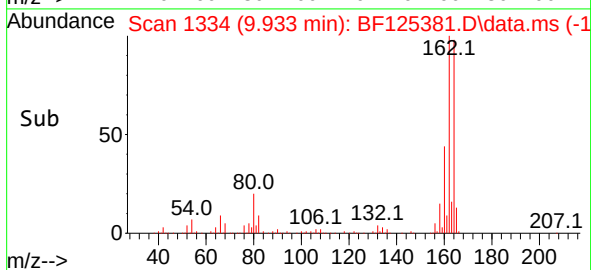
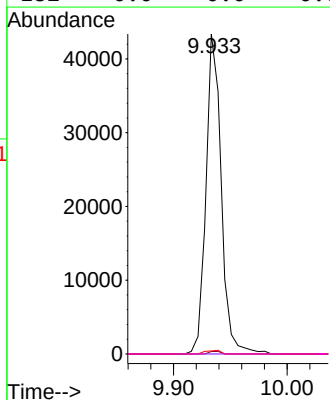
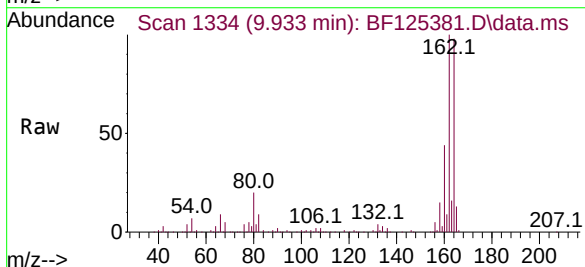
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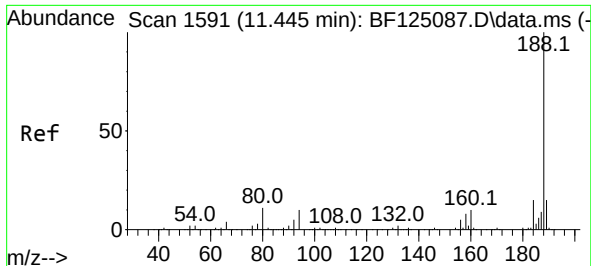
Tgt Ion:165 Resp: 40456
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.196 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion:165 Resp: 40456
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

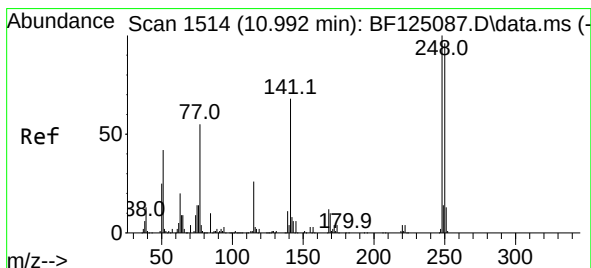
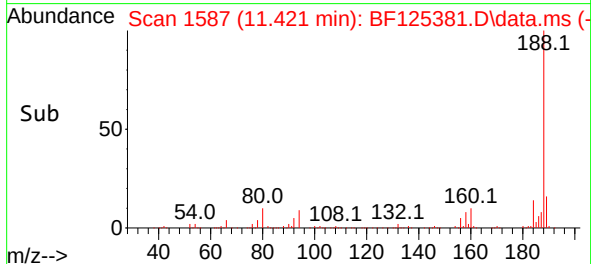
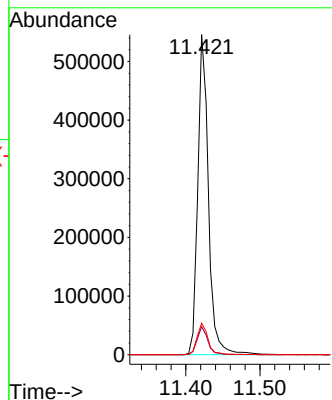
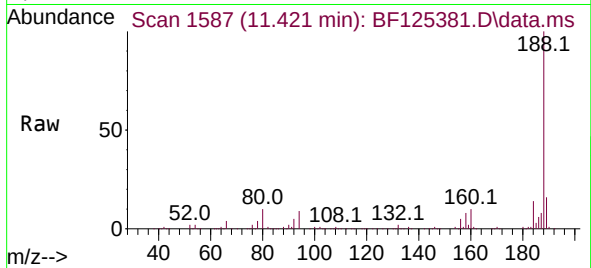




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

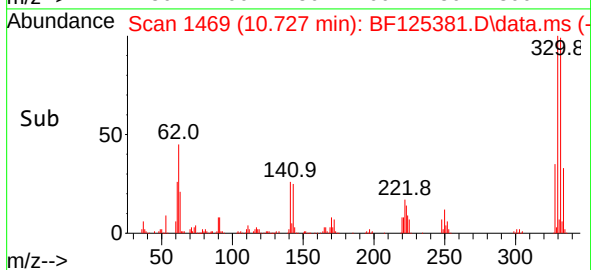
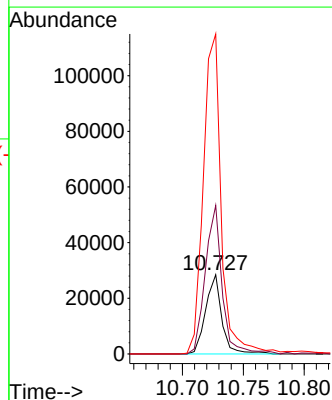
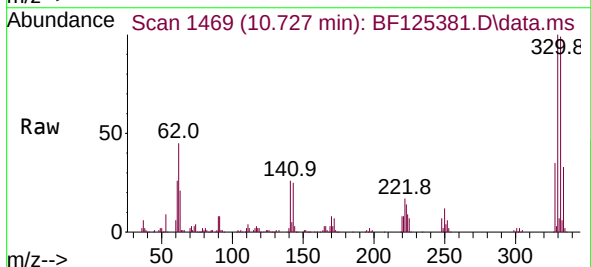
Instrument :
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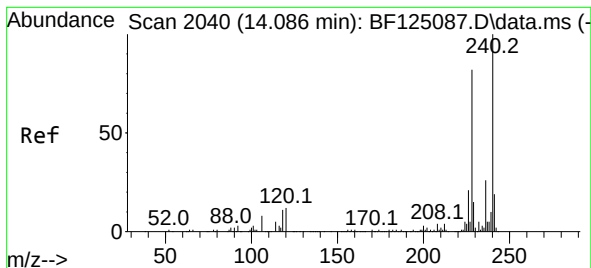
Tgt Ion:188 Resp: 542053
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion:248 Resp: 26301
Ion Ratio Lower Upper
248 100
250 187.3 74.2 111.4#
141 403.6 60.4 90.6#

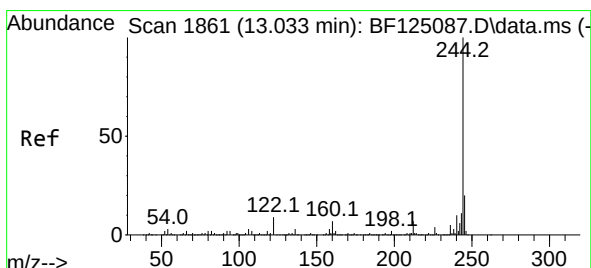
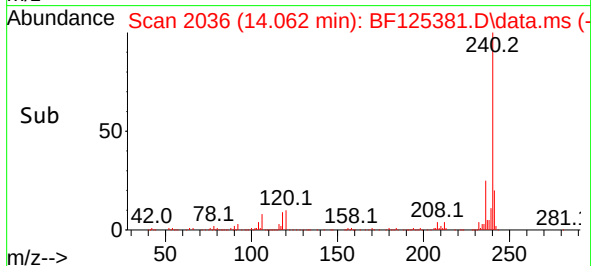
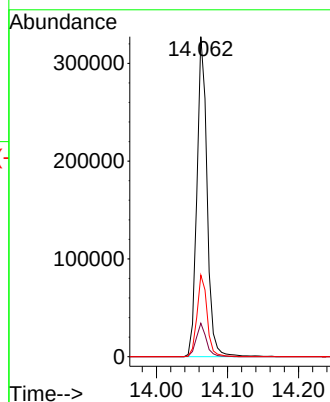
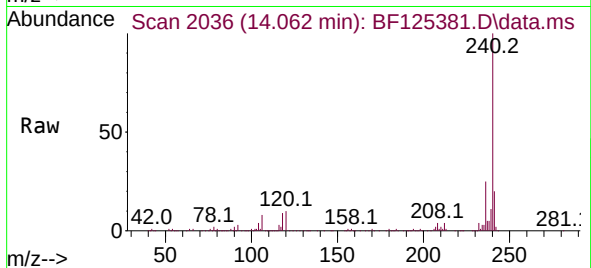




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

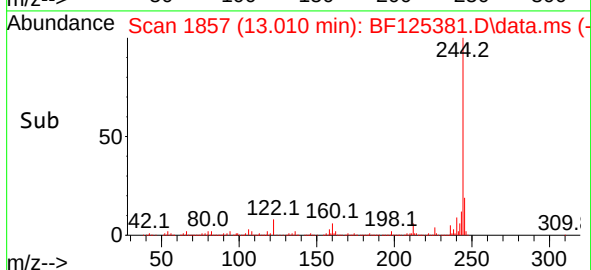
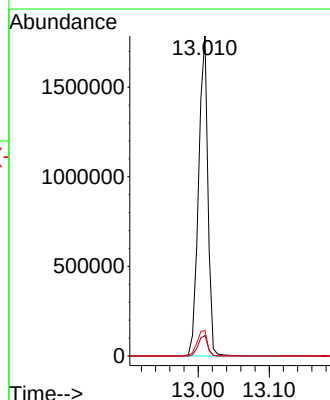
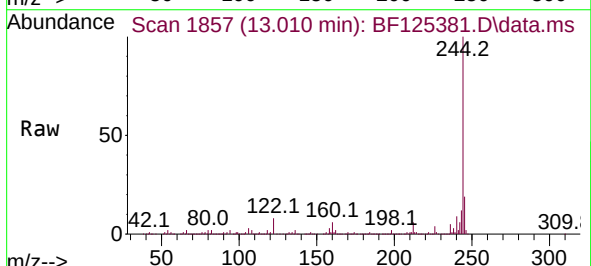
Instrument :
BNA_F
ClientSampleId :
PB138926BL

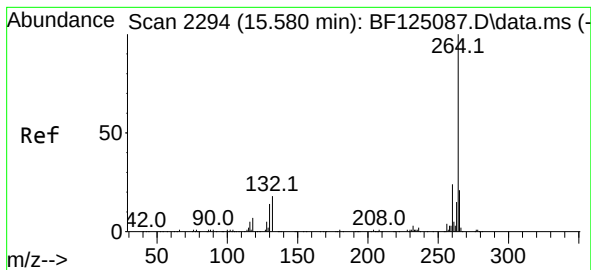
Tgt Ion:240 Resp: 326501
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 79.421 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125381.D
Acq: 7 Sep 2021 11:24

Tgt Ion:244 Resp: 1627719
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 8.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF125381.D
 Acq: 7 Sep 2021 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB138926BL

Tgt Ion:264 Resp: 321750
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.4 17.2 25.8

