

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125326.D
 Acq On : 2 Sep 2021 18:04
 Operator : JU/CG
 Sample : M3627-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-2-FEEDER

Quant Time: Sep 02 18:27:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

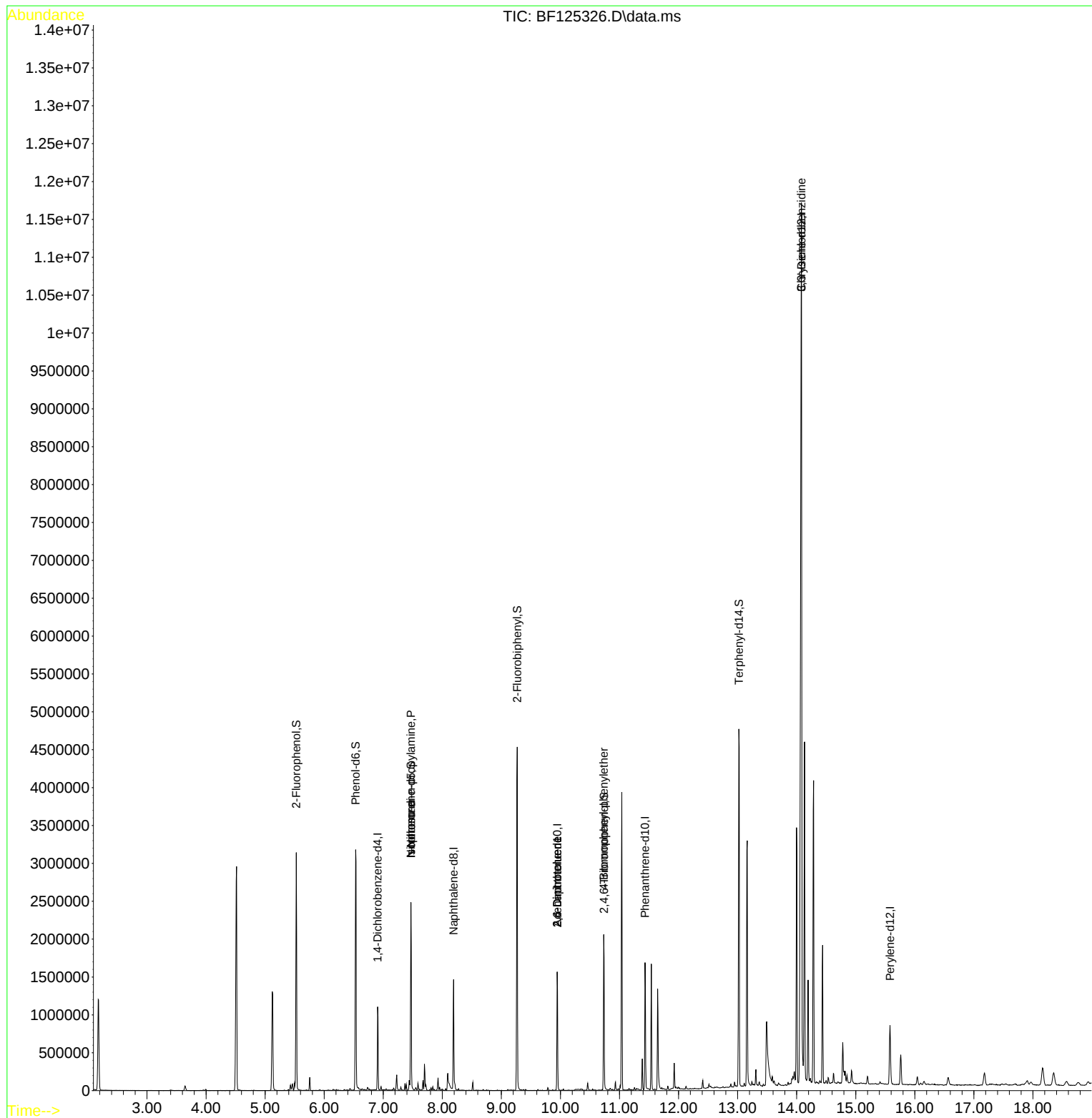
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	153129	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	599626	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	330121	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	623609	20.000	ng	0.00
76) Chrysene-d12	14.080	240	328803	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	358625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	782892	77.385	ng	0.00
7) Phenol-d6	6.534	99	1125759	86.039	ng	0.00
23) Nitrobenzene-d5	7.469	82	793590	66.629	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	254572	77.252	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1435376	60.600	ng	0.00
79) Terphenyl-d14	13.021	244	1832332	88.779	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	107326	13.637	ng	# 59
25) Isophorone	7.469	82	793585	34.538	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	42110	8.489	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	42110	7.014	ng	# 20
67) 4-Bromophenyl-phenylether	10.733	248	15537	2.075	ng	# 1
82) 3,3'-Dichlorobenzidine	14.080	252	43948	5.985	ng	# 51

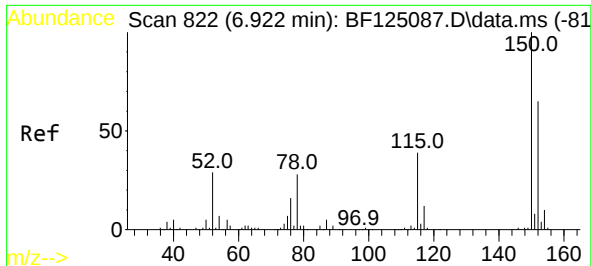
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

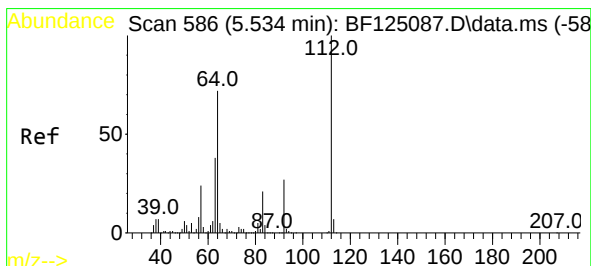
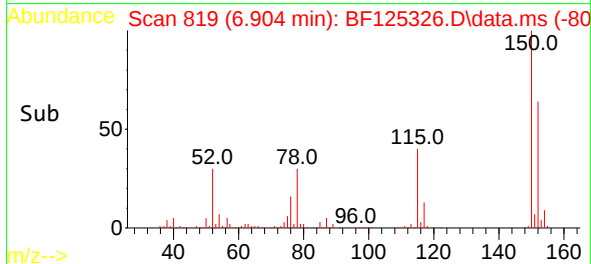
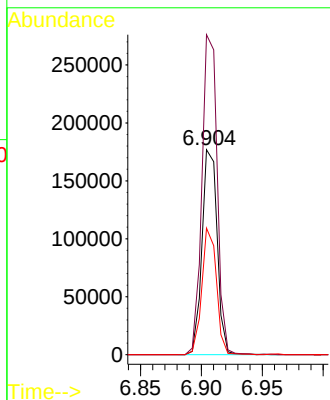
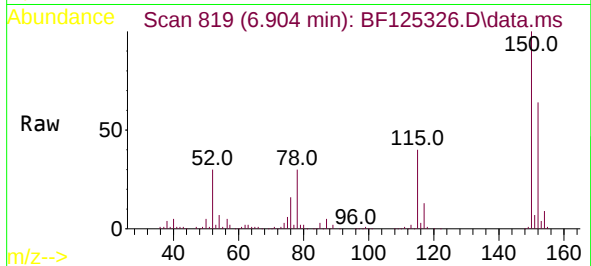




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

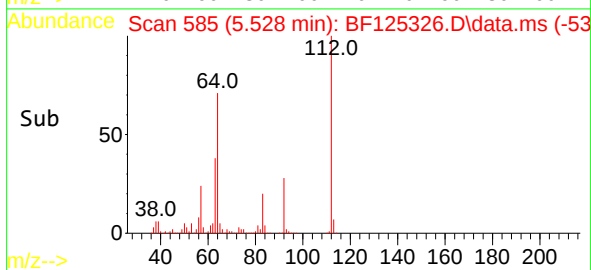
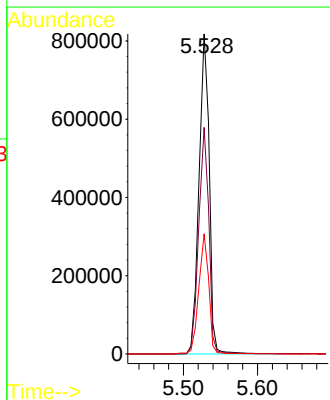
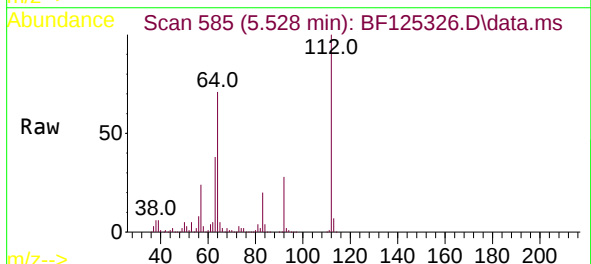
Instrument :
BNA_F
ClientSampleId :
1-2-FEEDER

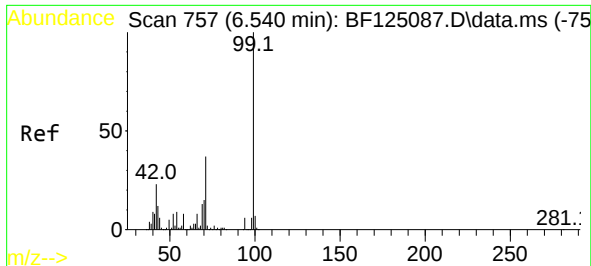
Tgt Ion:152 Resp: 153129
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 77.385 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Tgt Ion:112 Resp: 782892
Ion Ratio Lower Upper
112 100
64 70.8 44.2 66.2#
63 37.6 26.2 39.2

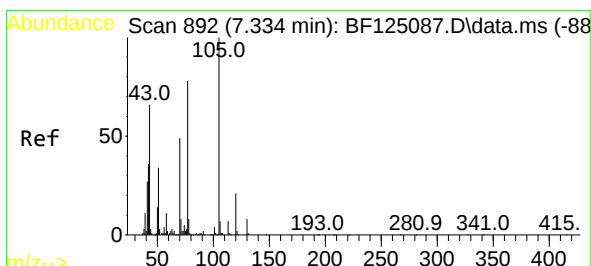
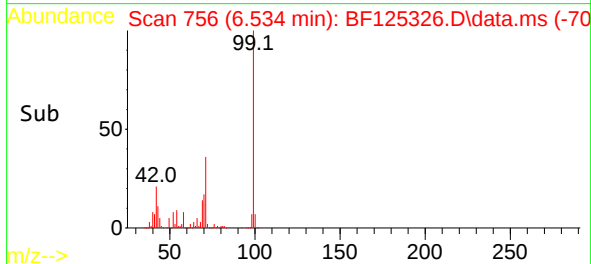
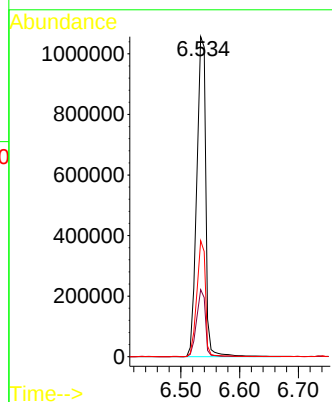
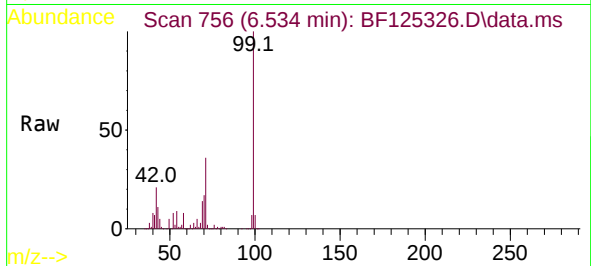




#7
Phenol-d6
Concen: 86.039 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

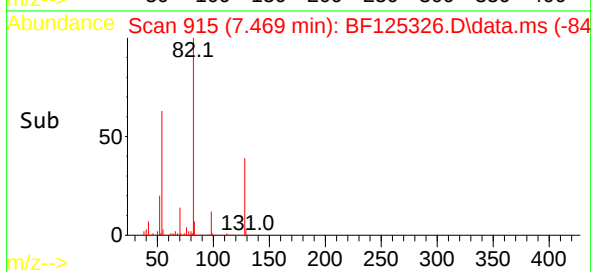
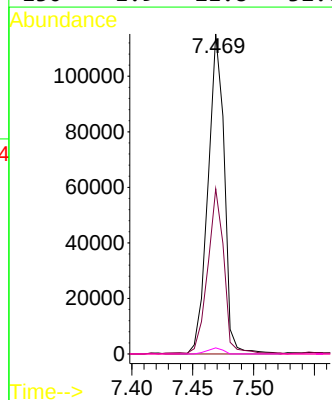
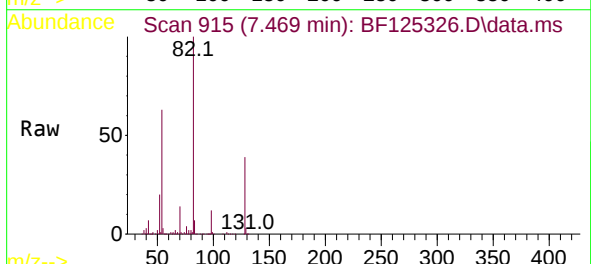
Instrument :
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ClientSampleId :
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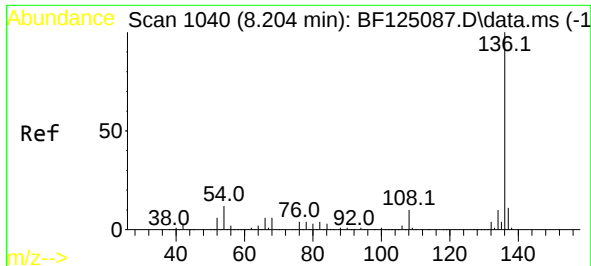
Tgt Ion: 99 Resp: 1125759
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 36.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.637 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

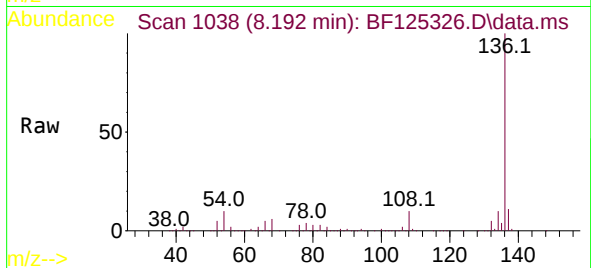
Tgt Ion: 70 Resp: 107326
Ion Ratio Lower Upper
70 100
42 51.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



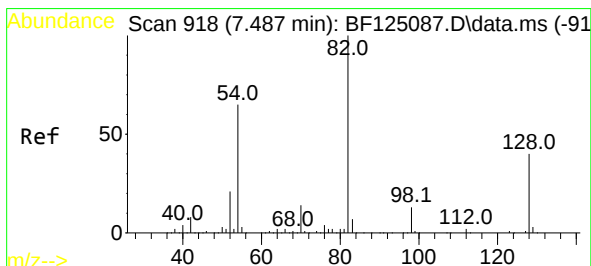
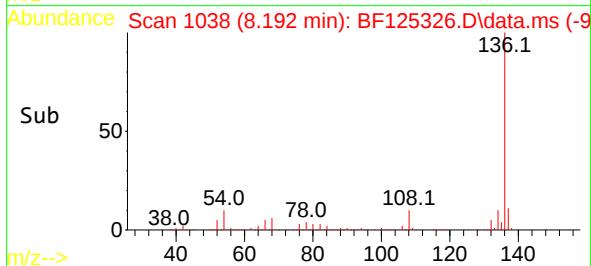
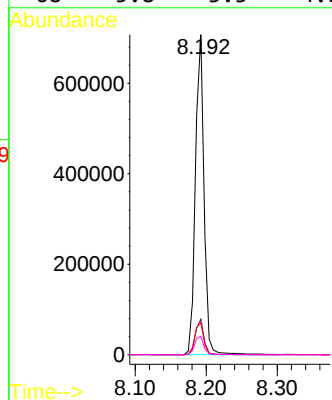


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Instrument :
BNA_F
ClientSampleId :
1-2-FEEDER

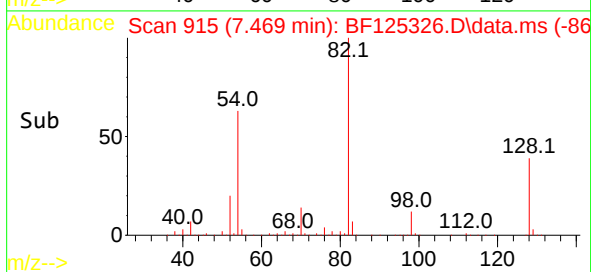
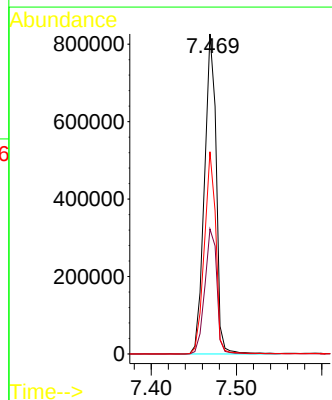
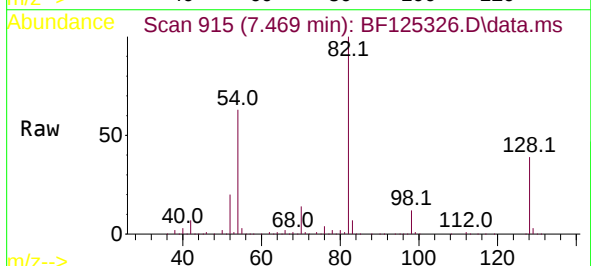


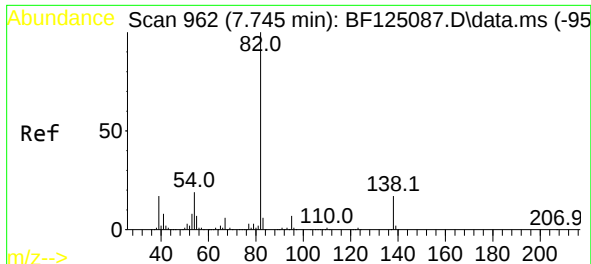
Tgt Ion:136 Resp: 599626
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.0 6.4 9.6#
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 66.629 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

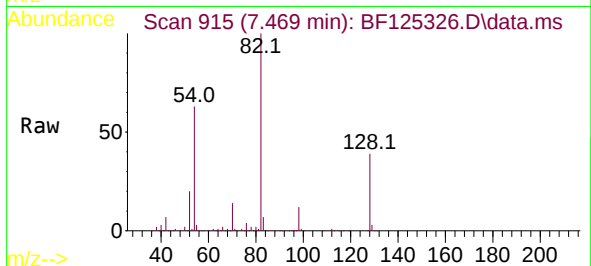
Tgt Ion: 82 Resp: 793590
Ion Ratio Lower Upper
82 100
128 39.1 40.6 60.8#
54 63.2 49.6 74.4



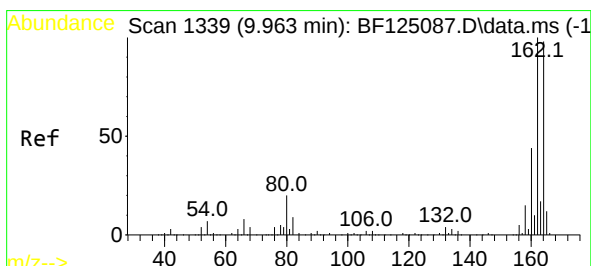
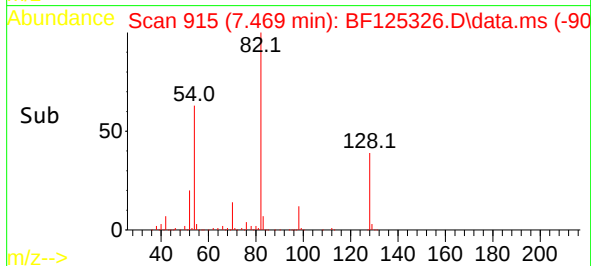
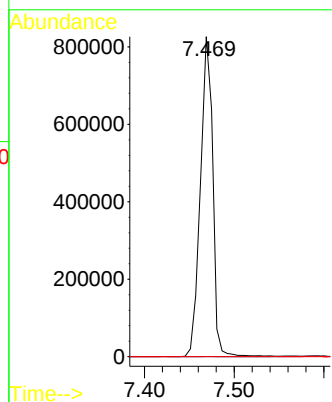


#25
Isophorone
Concen: 34.538 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Instrument :
BNA_F
ClientSampleId :
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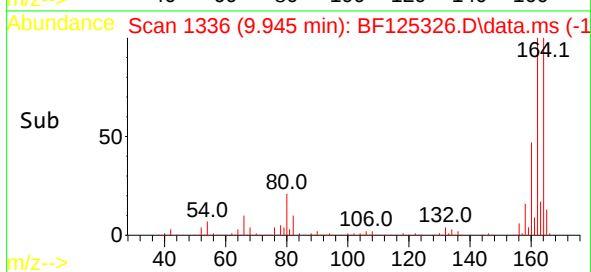
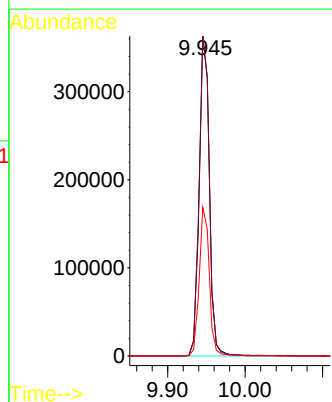
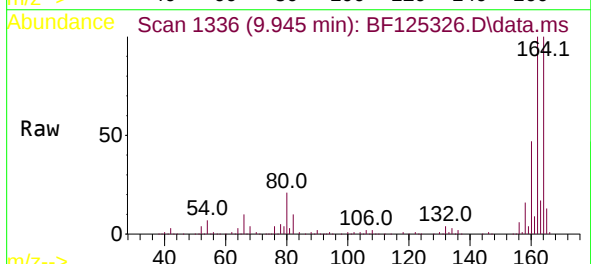


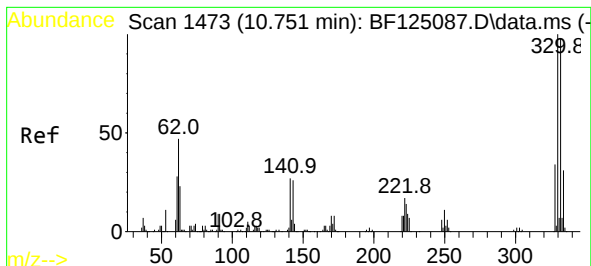
Tgt Ion: 82 Resp: 793585
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Tgt Ion: 164 Resp: 330121
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 46.6 38.0 57.0

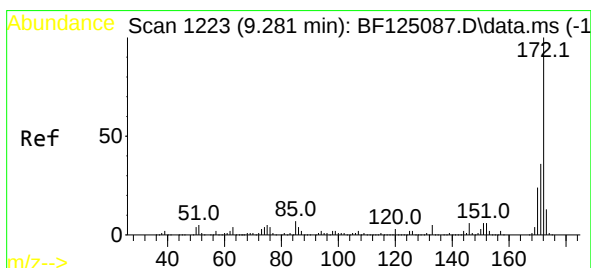
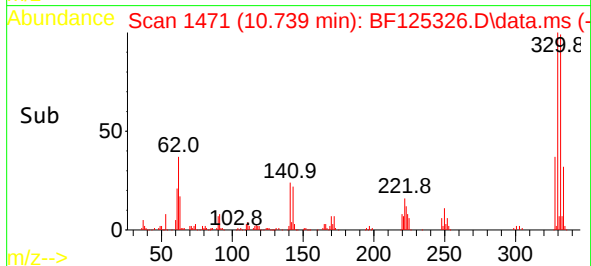
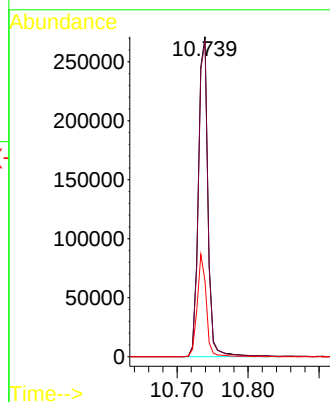
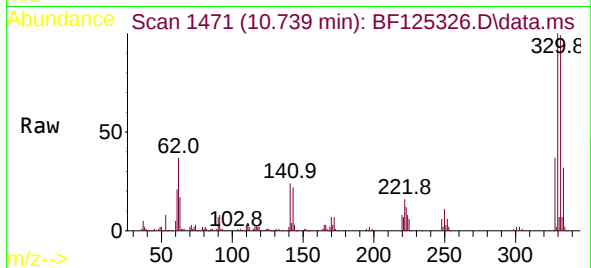




#42
2,4,6-Tribromophenol
Concen: 77.252 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

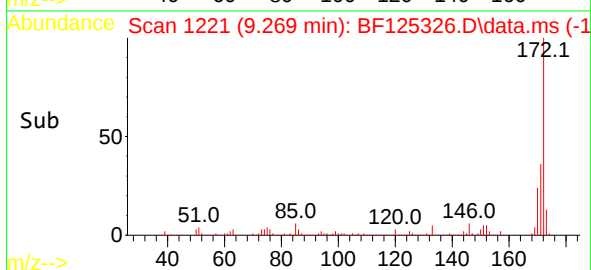
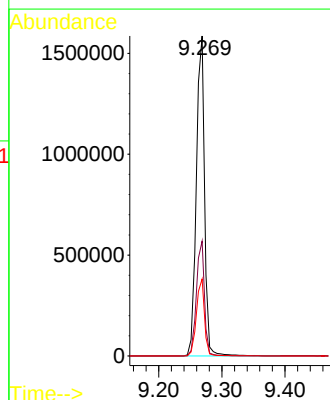
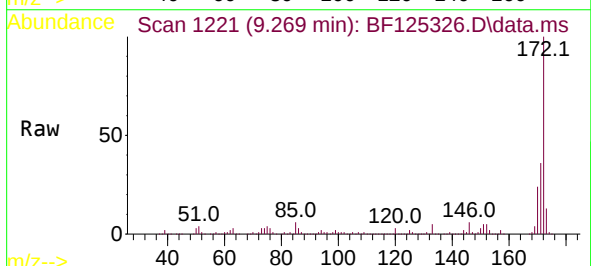
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ClientSampleId :
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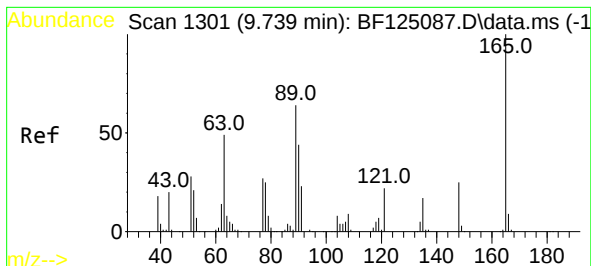
Tgt Ion:330 Resp: 254572
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 30.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 60.600 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Tgt Ion:172 Resp: 1435376
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.1 18.8 28.2

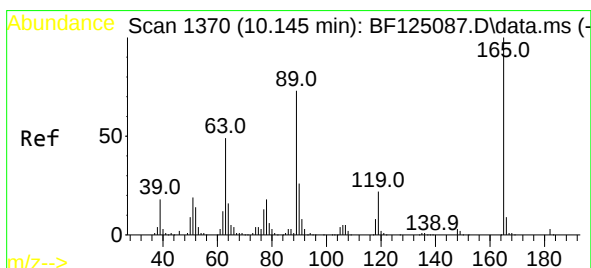
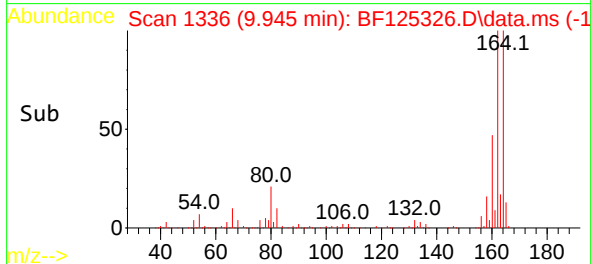
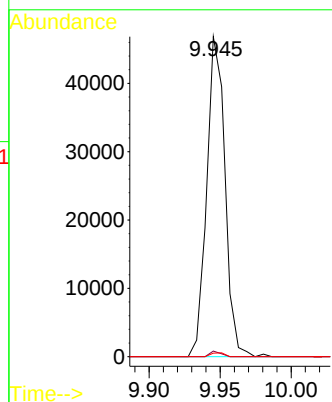
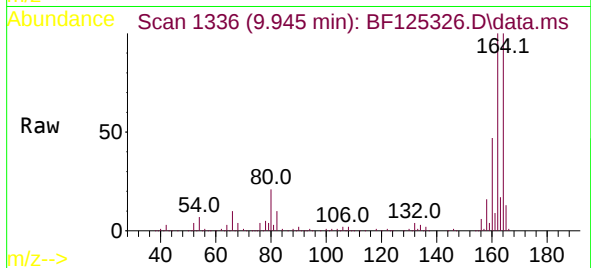




#51
2,6-Dinitrotoluene
Concen: 8.489 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

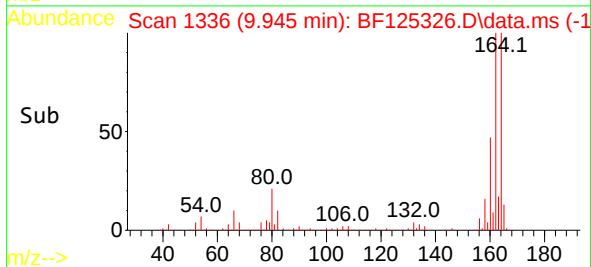
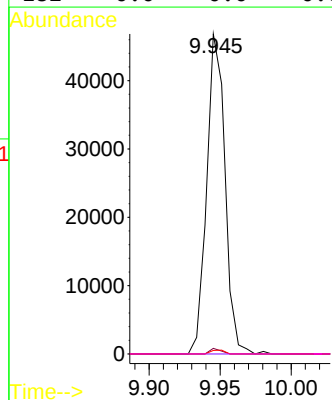
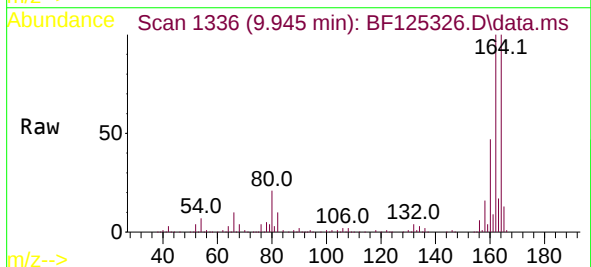
Instrument :
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1-2-FEEDER

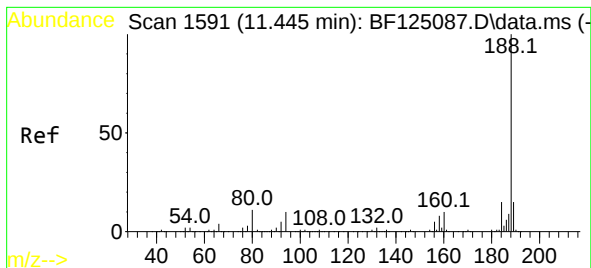
Tgt Ion:165 Resp: 42110
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.014 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Tgt Ion:165 Resp: 42110
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

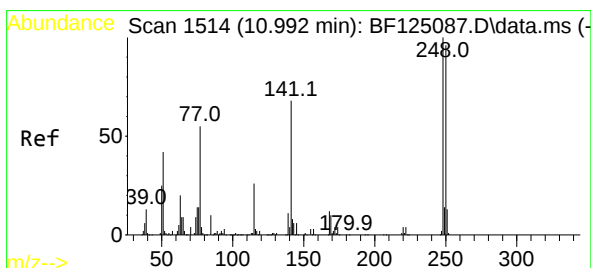
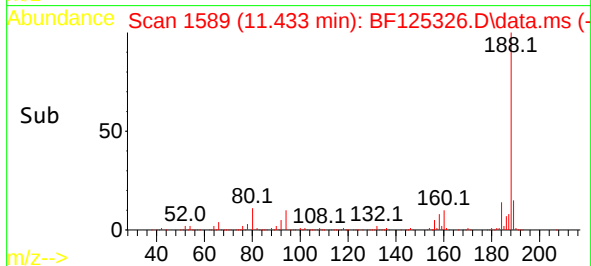
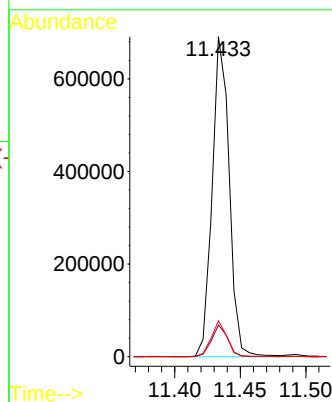
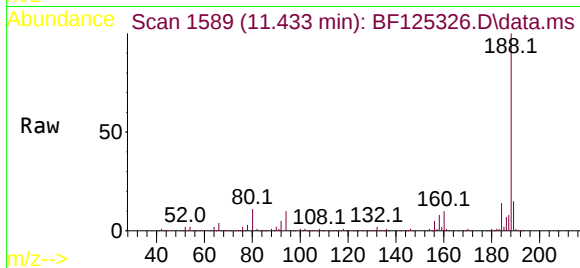




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

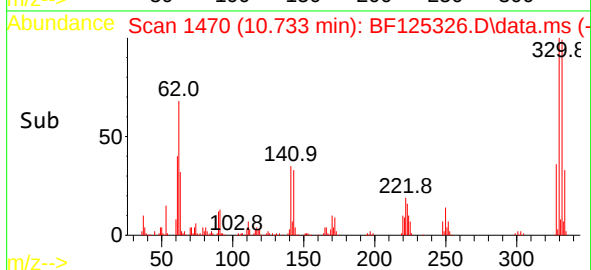
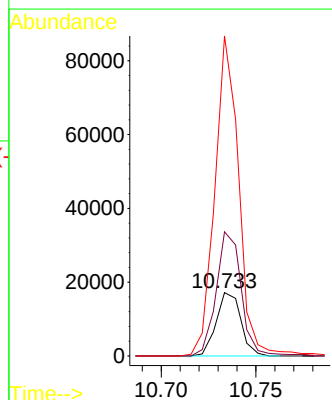
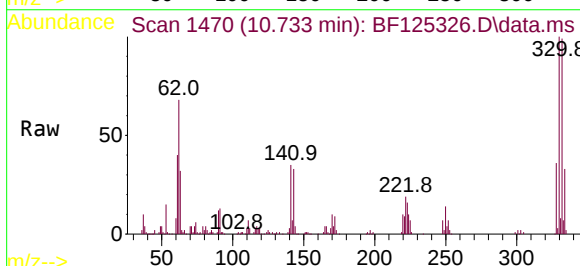
Instrument :
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ClientSampleId :
1-2-FEEDER

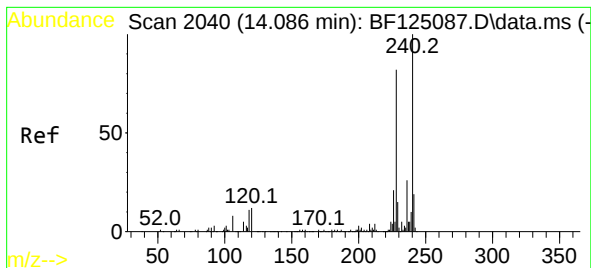
Tgt Ion:188 Resp: 623609
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 11.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.075 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Tgt Ion:248 Resp: 15537
Ion Ratio Lower Upper
248 100
250 196.1 74.2 111.4#
141 505.4 60.4 90.6#

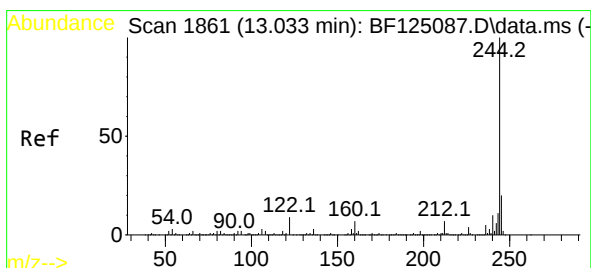
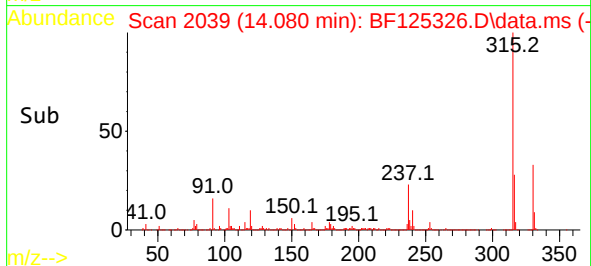
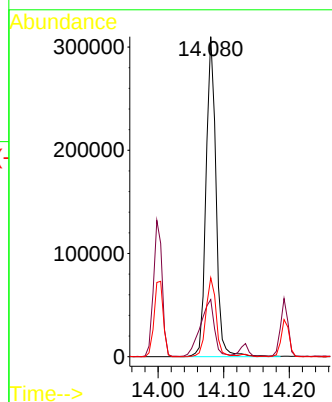
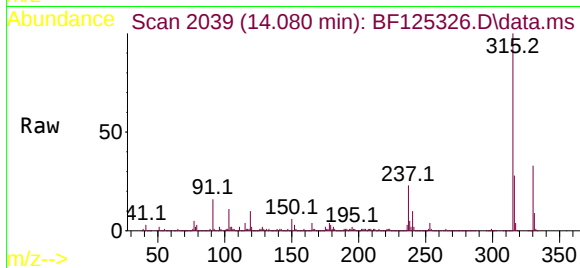




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

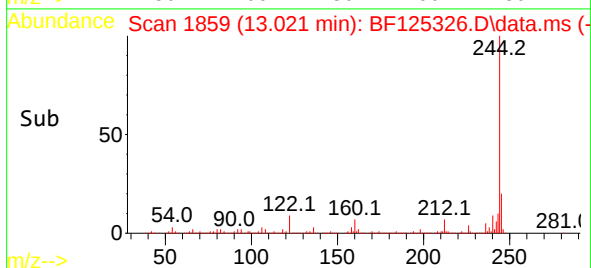
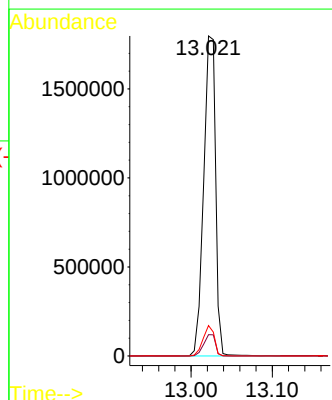
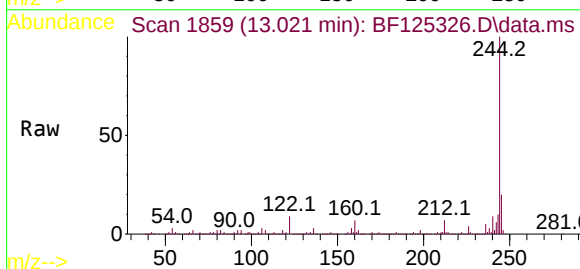
Instrument :
BNA_F
ClientSampleId :
1-2-FEEDER

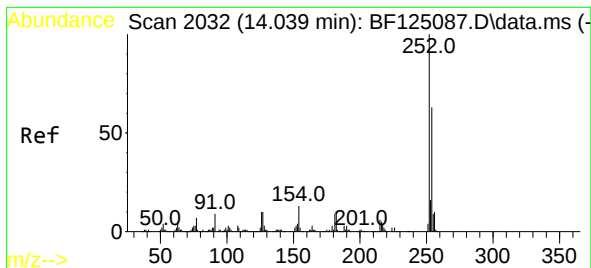
Tgt Ion:240 Resp: 328803
Ion Ratio Lower Upper
240 100
120 17.8 10.8 16.2#
236 24.7 21.6 32.4



#79
Terphenyl-d14
Concen: 88.779 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Tgt Ion:244 Resp: 1832332
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.5 9.0 13.4

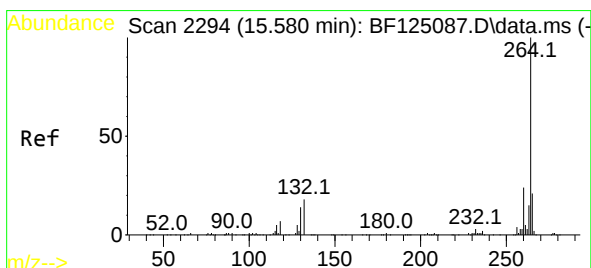
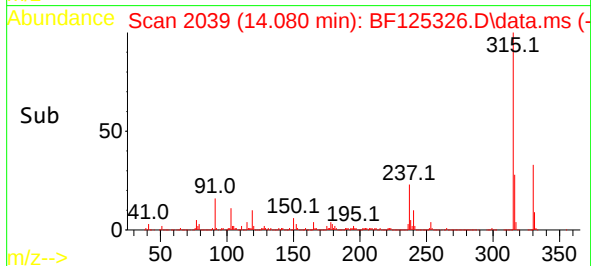
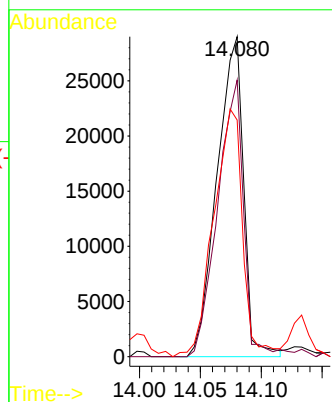
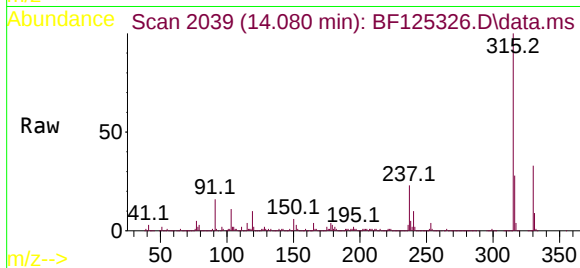




#82
3,3'-Dichlorobenzidine
Concen: 5.985 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.047 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Instrument :
BNA_F
ClientSampleId :
1-2-FEEDER

Tgt Ion:252 Resp: 43948
Ion Ratio Lower Upper
252 100
254 86.5 51.4 77.0#
126 73.9 9.5 14.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125326.D
Acq: 2 Sep 2021 18:04

Tgt Ion:264 Resp: 358625
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 21.2 17.2 25.8

