

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125328.D
 Acq On : 2 Sep 2021 19:09
 Operator : JU/CG
 Sample : M3627-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STAIN-FEEDER-2

Quant Time: Sep 03 04:58:29 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)

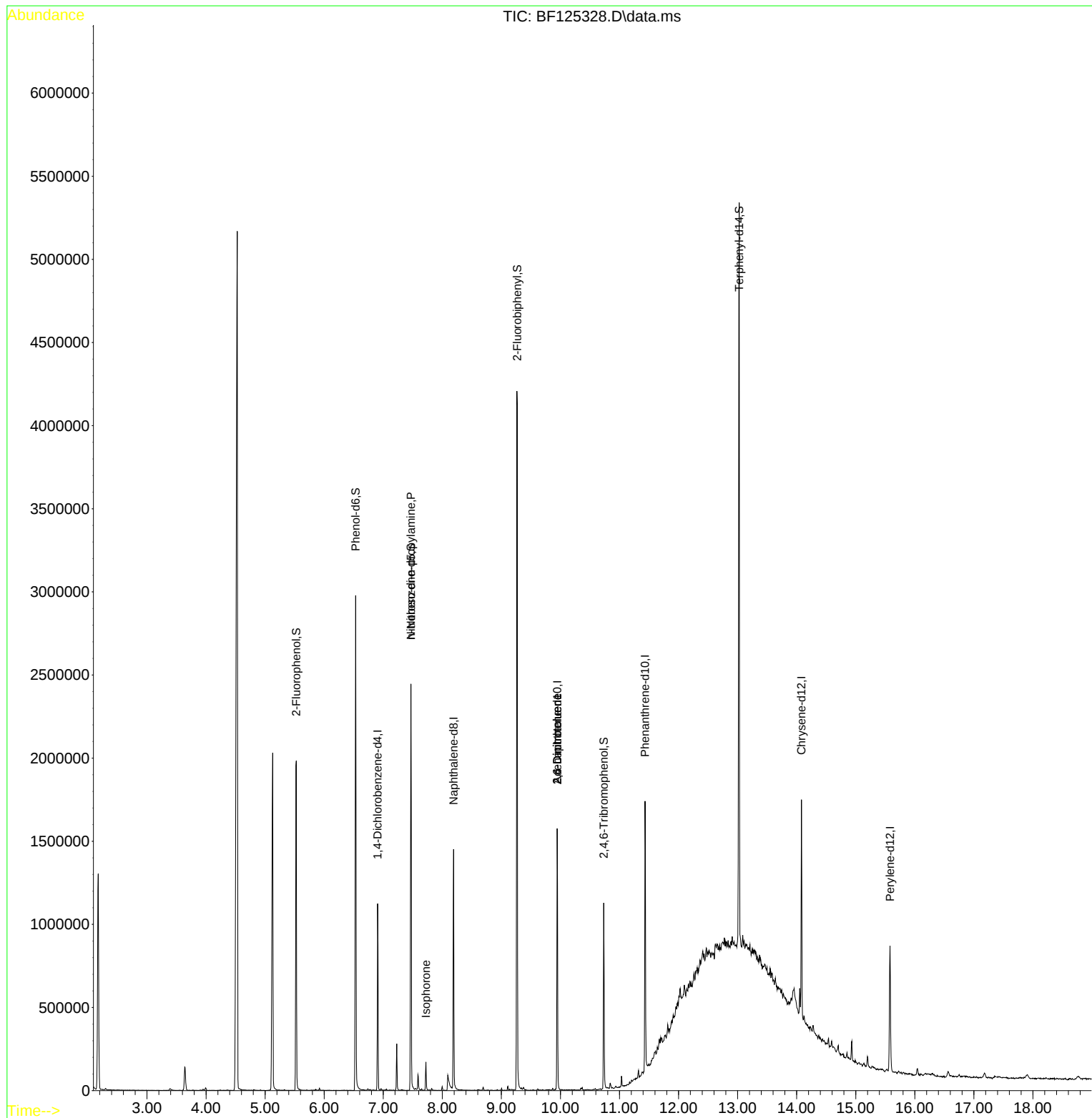
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	151588	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	598922	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	324926	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	609355	20.000	ng	0.00
76) Chrysene-d12	14.080	240	441757	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	347886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	523082	52.229	ng	0.00
7) Phenol-d6	6.534	99	929014	71.724	ng	0.00
23) Nitrobenzene-d5	7.469	82	768296	64.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	134966	41.611	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1400207	60.060	ng	0.00
79) Terphenyl-d14	13.027	244	1712640	61.762	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	103613	13.299	ng	# 57
25) Isophorone	7.722	82	64341	2.804	ng	# 90
51) 2,6-Dinitrotoluene	9.945	165	41038	8.405	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	41038	6.945	ng	# 20

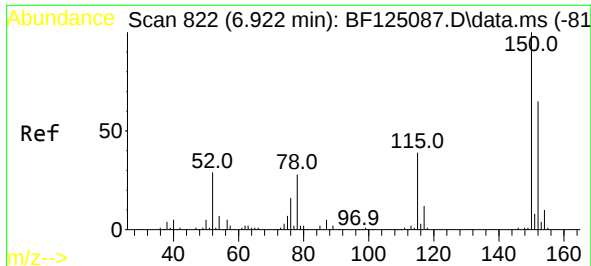
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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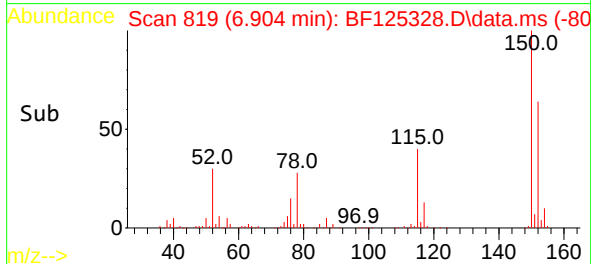
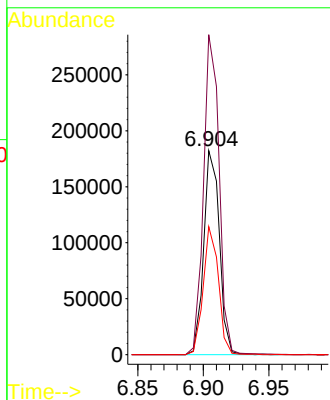
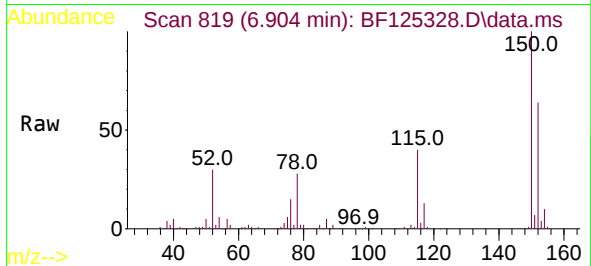




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

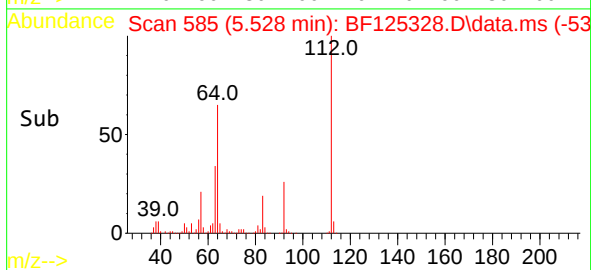
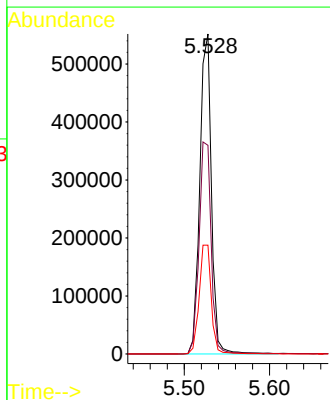
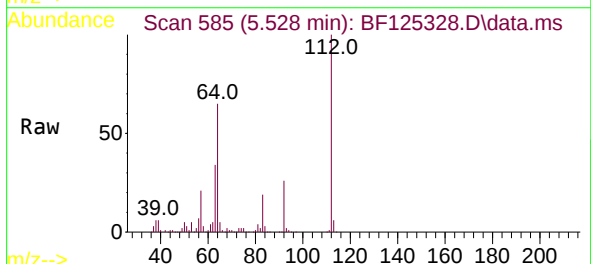
Instrument :
BNA_F
ClientSampleId :
STAIN-FEEDER-2

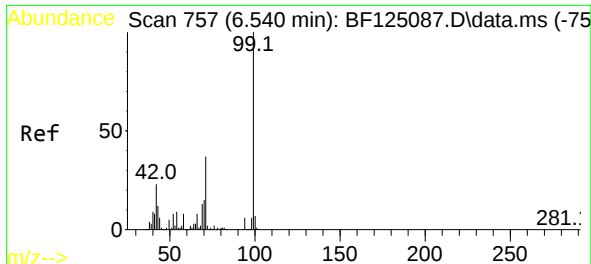
Tgt Ion:152 Resp: 151588
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 62.8 47.1 70.7



#5
2-Fluorophenol
Concen: 52.229 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

Tgt Ion:112 Resp: 523082
Ion Ratio Lower Upper
112 100
64 65.2 44.2 66.2
63 34.0 26.2 39.2

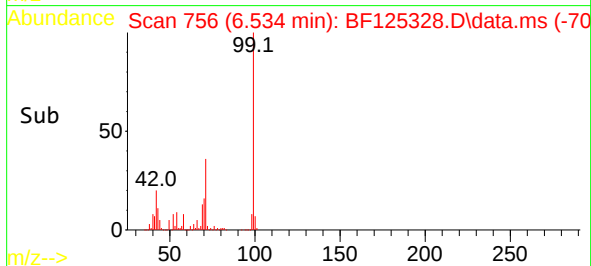
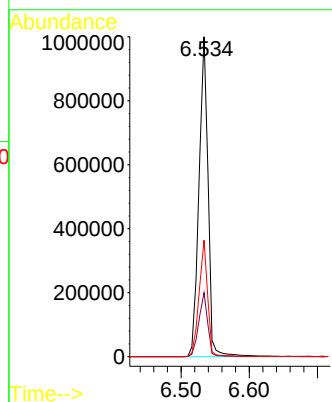
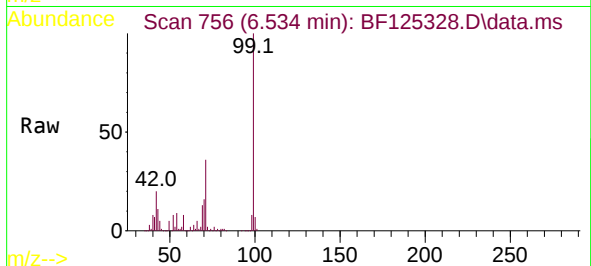




#7
Phenol-d6
Concen: 71.724 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

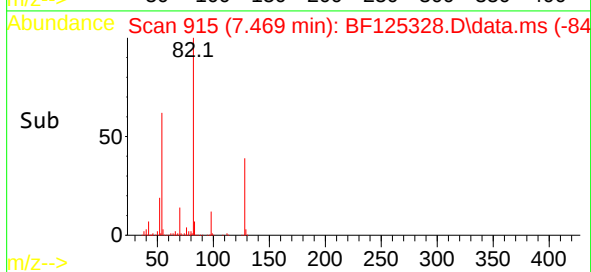
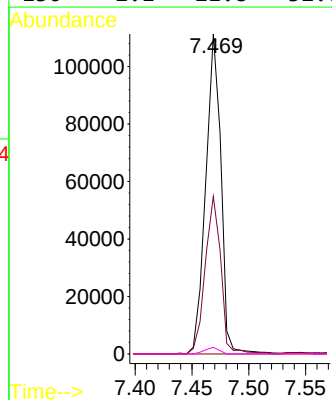
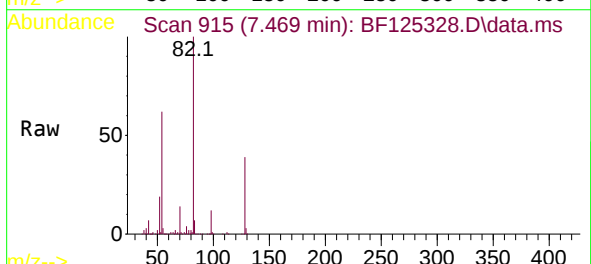
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BNA_F
ClientSampleId :
STAIN-FEEDER-2

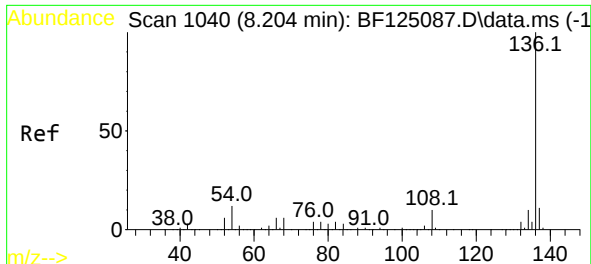
Tgt Ion: 99 Resp: 929014
Ion Ratio Lower Upper
99 100
42 20.0 23.5 35.3#
71 36.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.299 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

Tgt Ion: 70 Resp: 103613
Ion Ratio Lower Upper
70 100
42 49.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

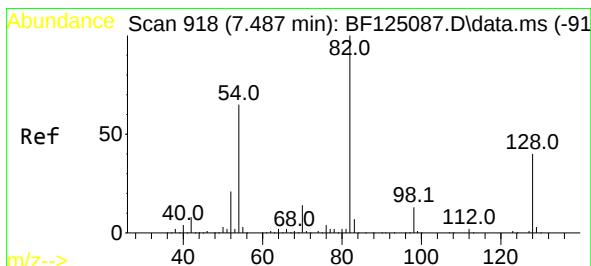
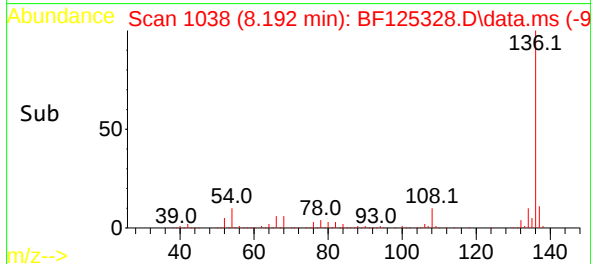
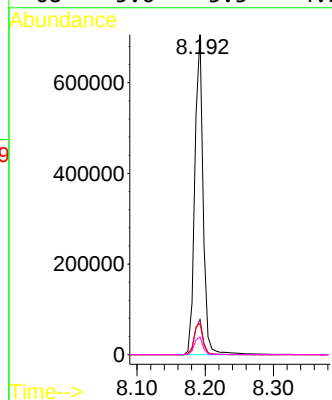
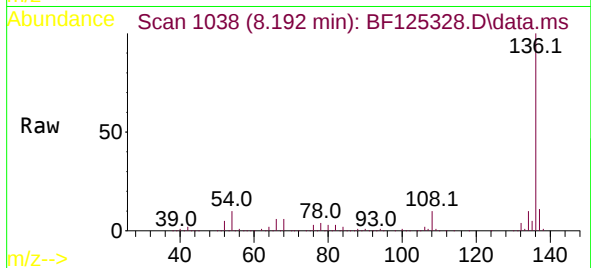




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

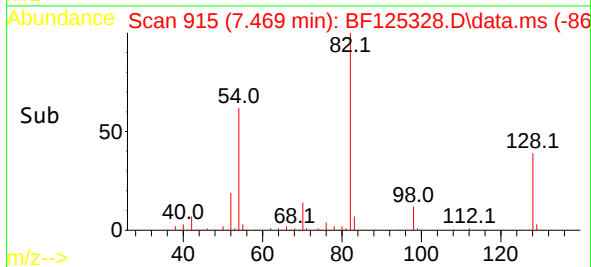
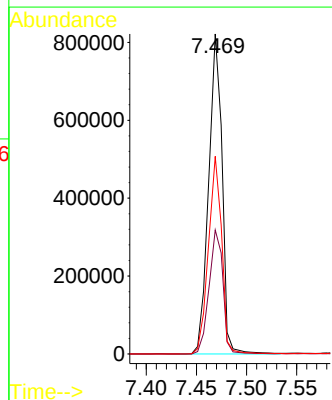
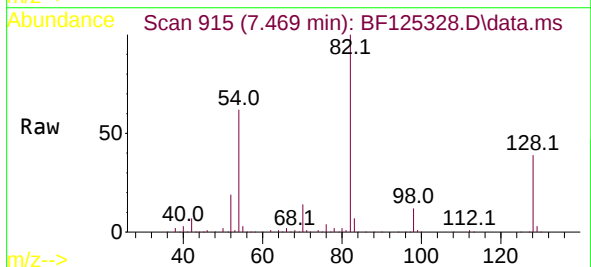
Instrument :
BNA_F
ClientSampleId :
STAIN-FEEDER-2

Tgt Ion:136 Resp: 598922
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 64.581 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

Tgt Ion: 82 Resp: 768296
Ion Ratio Lower Upper
82 100
128 38.8 40.6 60.8#
54 61.7 49.6 74.4

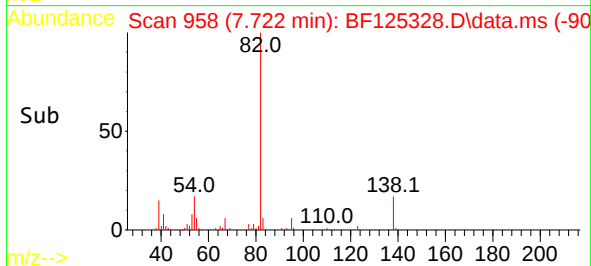
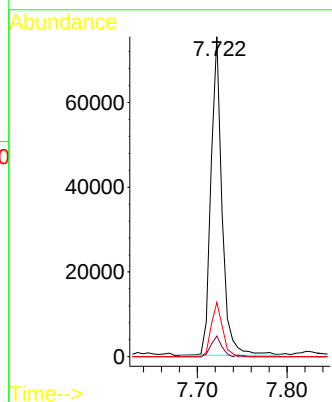
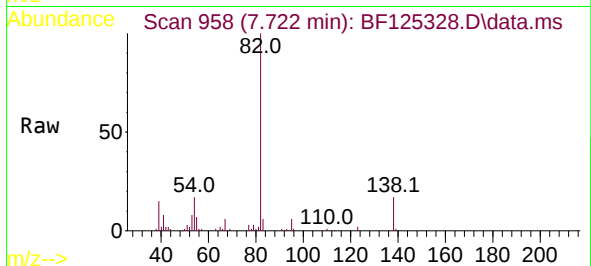




#25
Isophorone
Concen: 2.804 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

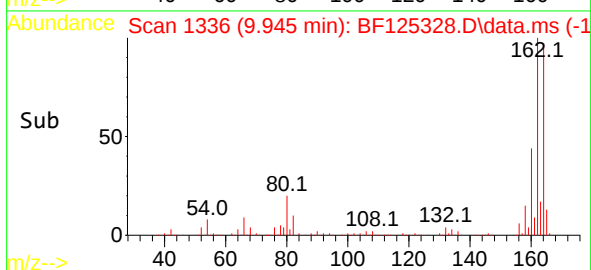
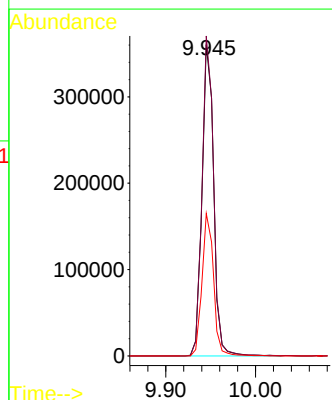
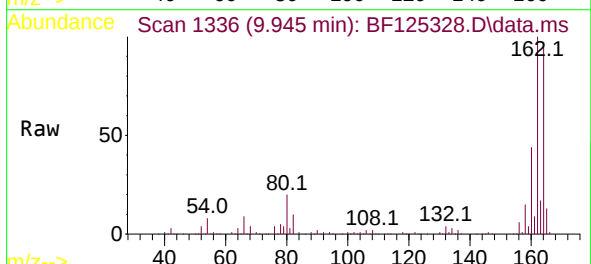
Instrument :
BNA_F
ClientSampleId :
STAIN-FEEDER-2

Tgt Ion: 82 Resp: 64341
Ion Ratio Lower Upper
82 100
95 6.4 6.5 9.7#
138 16.9 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: BF125328.D
Acq: 2 Sep 2021 19:09

Tgt Ion: 164 Resp: 324926
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.7 38.0 57.0

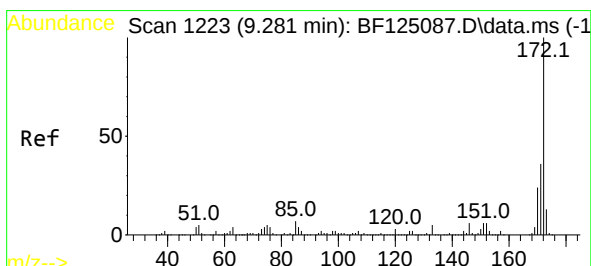
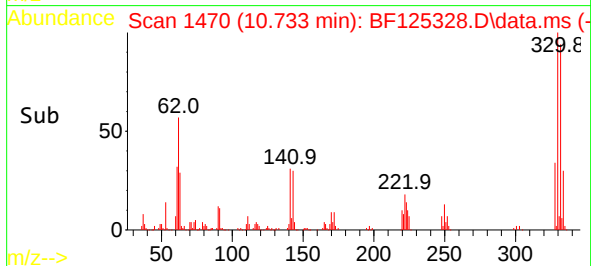
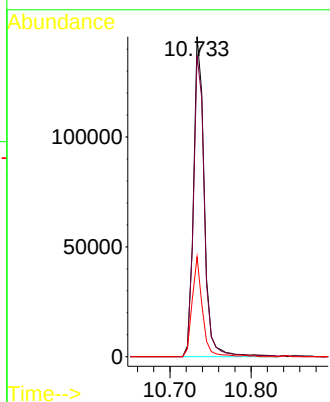
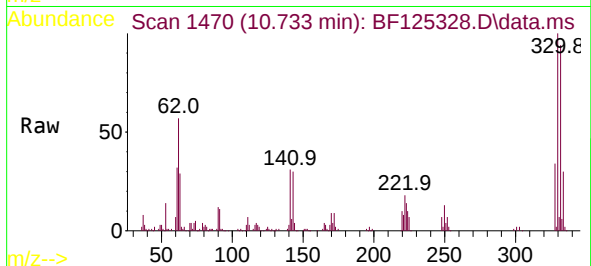




#42
2,4,6-Tribromophenol
Concen: 41.611 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

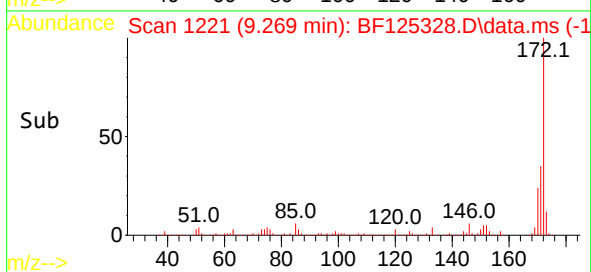
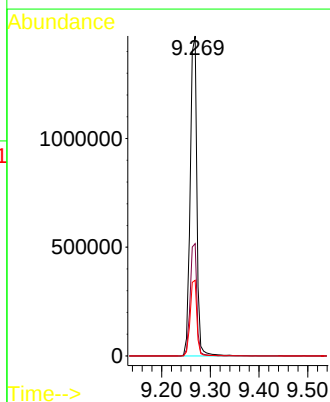
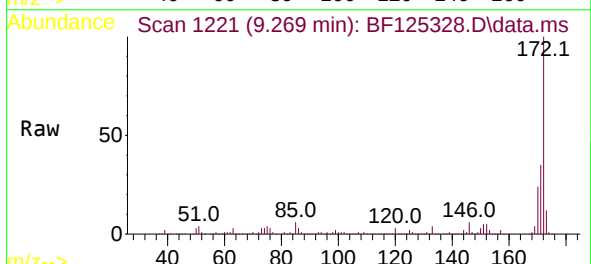
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ClientSampleId :
STAIN-FEEDER-2

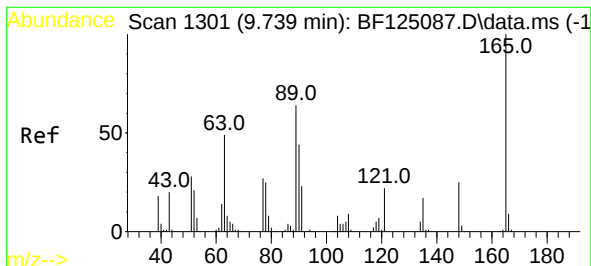
Tgt Ion:330 Resp: 134966
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 29.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 60.060 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

Tgt Ion:172 Resp: 1400207
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.6 18.8 28.2

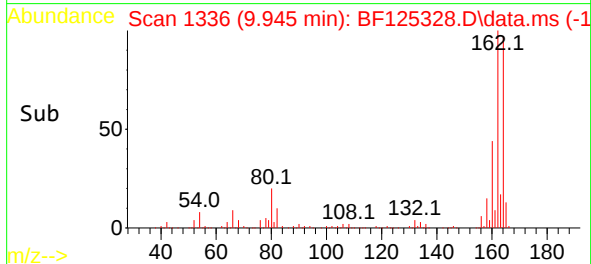
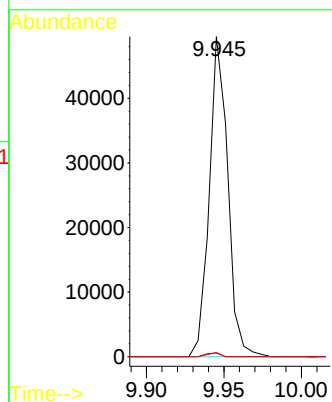
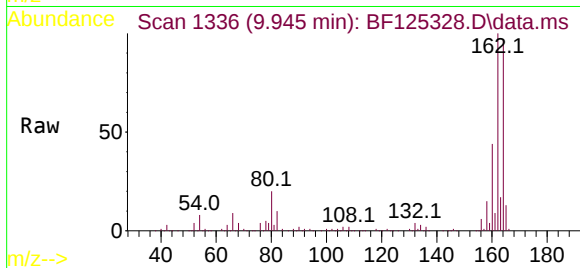




#51
2,6-Dinitrotoluene
Concen: 8.405 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

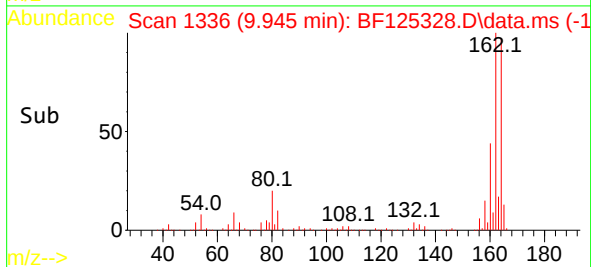
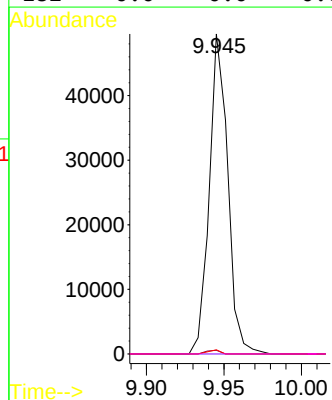
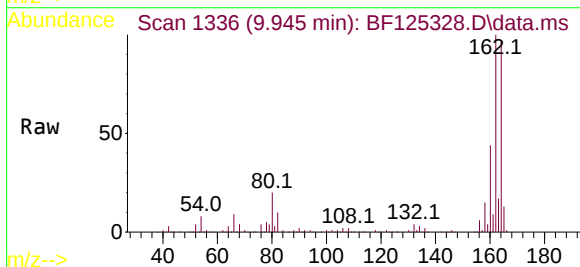
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ClientSampleId :
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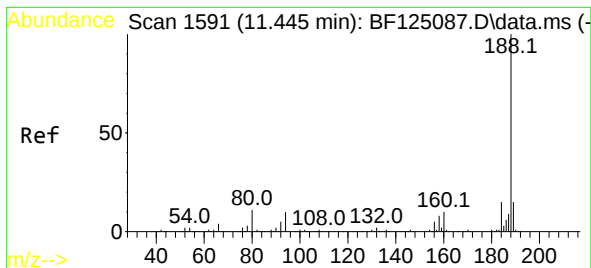
Tgt Ion:165 Resp: 41038
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.945 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

Tgt Ion:165 Resp: 41038
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

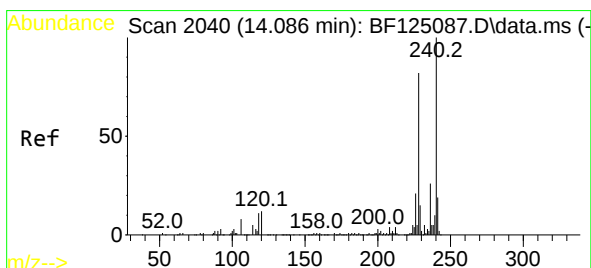
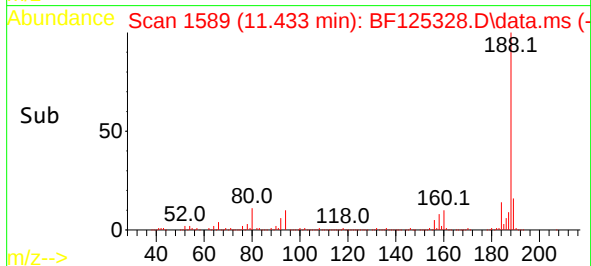
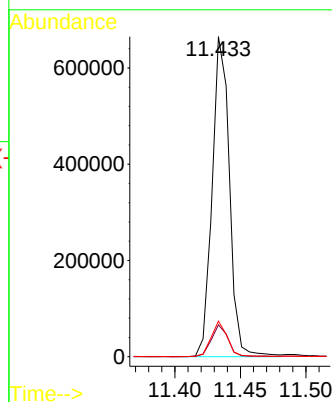
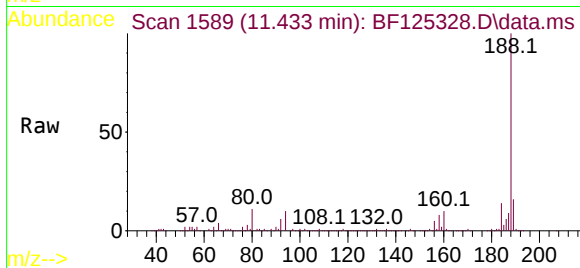




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

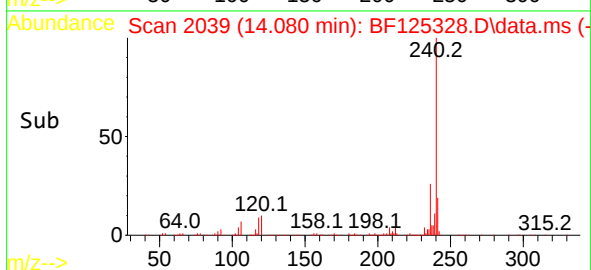
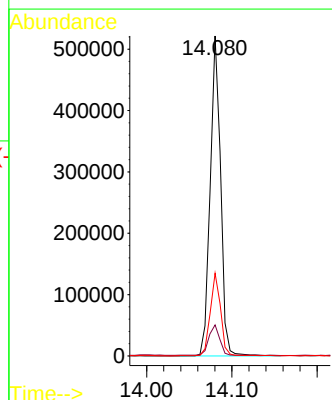
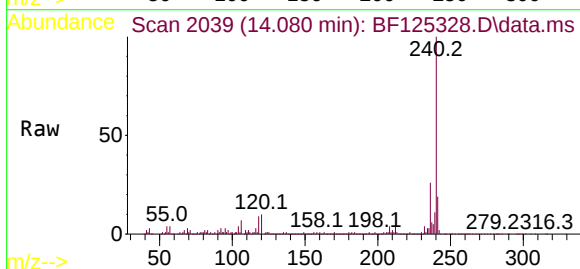
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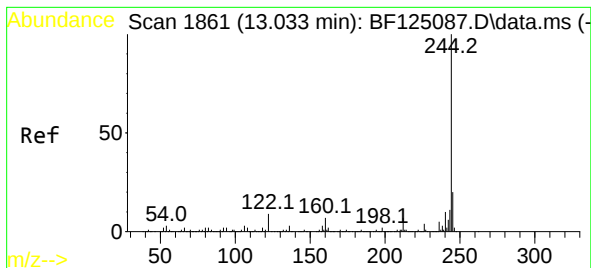
Tgt Ion:188 Resp: 609355
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 11.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125328.D
Acq: 2 Sep 2021 19:09

Tgt Ion:240 Resp: 441757
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 25.9 21.6 32.4





#79

Terphenyl-d14

Concen: 61.762 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF125328.D

Acq: 2 Sep 2021 19:09

Instrument :

BNA_F

ClientSampleId :

STAIN-FEEDER-2

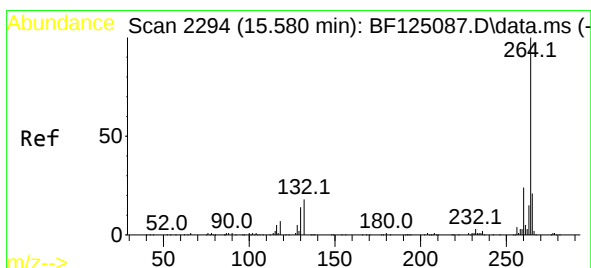
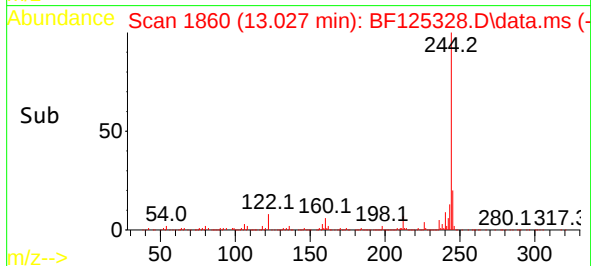
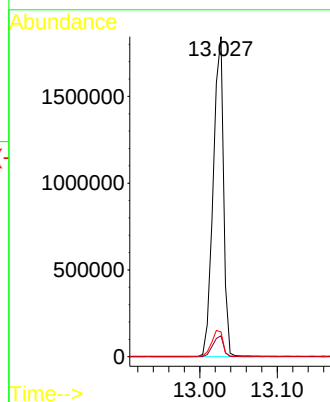
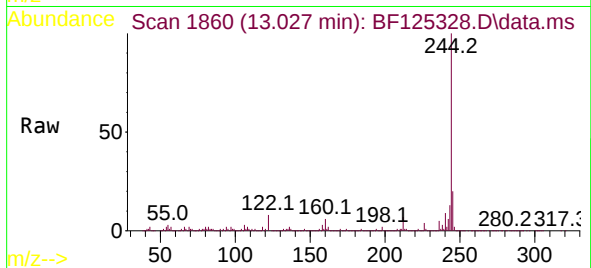
Tgt Ion:244 Resp: 1712640

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: 15.580 min Scan# 2294

Delta R.T. 0.006 min

Lab File: BF125328.D

Acq: 2 Sep 2021 19:09

Tgt Ion:264 Resp: 347886

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.6 17.2 25.8

