

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125378.D
 Acq On : 4 Sep 2021 19:56
 Operator : JU/CG
 Sample : M3646-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-94

Quant Time: Sep 06 08:29:41 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)

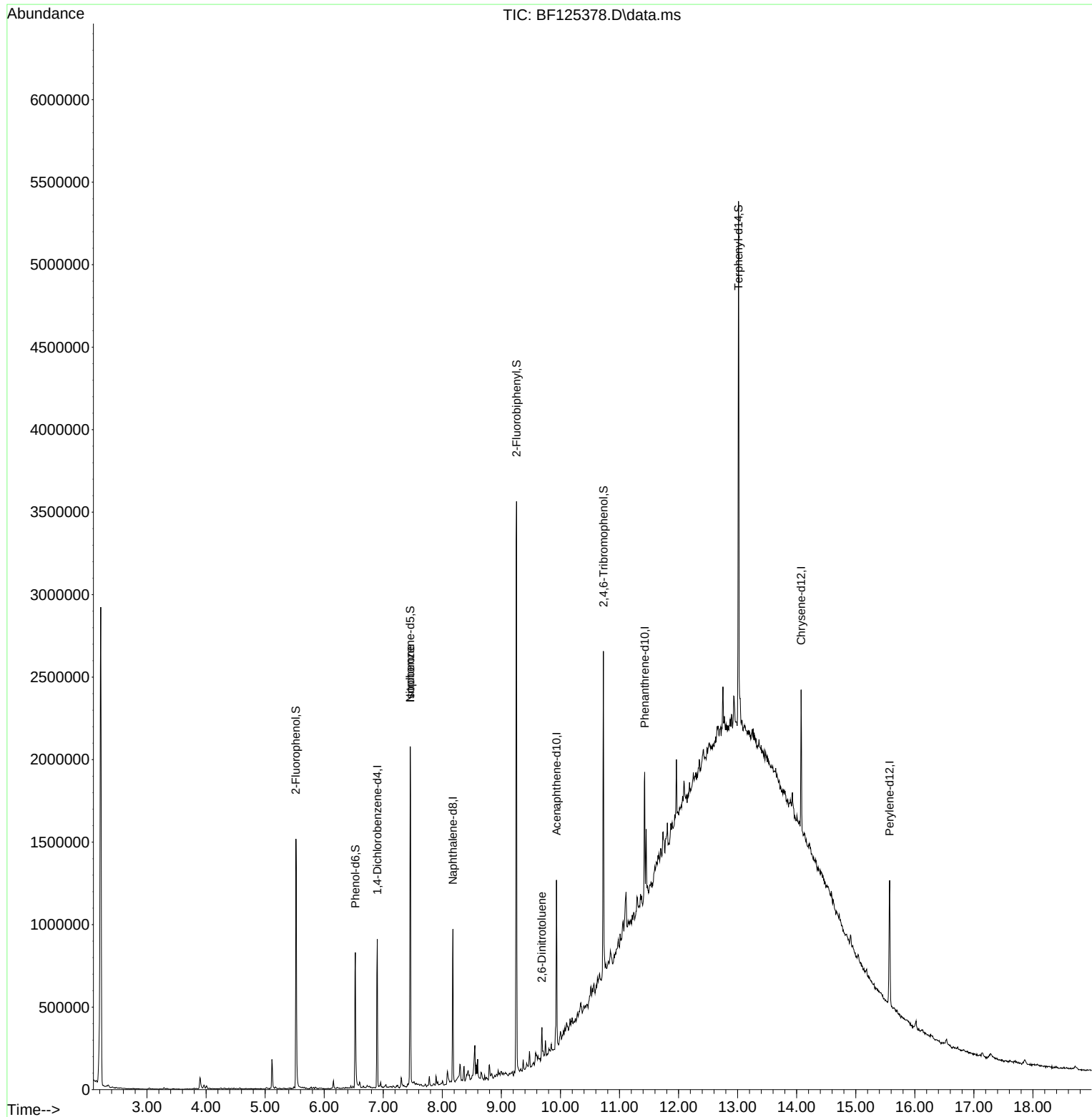
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	122462	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	400514	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	183924	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301545	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	304642	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	353238	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	410121	50.690	ng	0.00
7) Phenol-d6	6.528	99	302662	28.924	ng	0.00
23) Nitrobenzene-d5	7.457	82	685609	86.180	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	256098	139.489	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1123326	85.123	ng	0.00
79) Terphenyl-d14	13.015	244	1225247	64.073	ng	0.00
Target Compounds						
25) Isophorone	7.457	82	685609	44.673	ng	# 59
51) 2,6-Dinitrotoluene	9.686	165	17943	6.492	ng	# 30

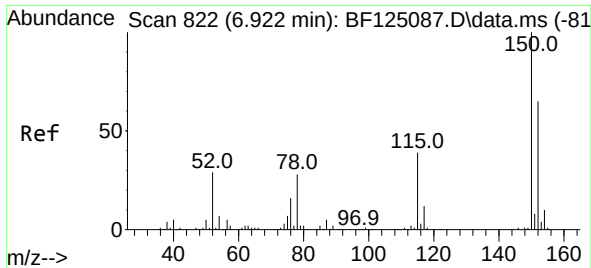
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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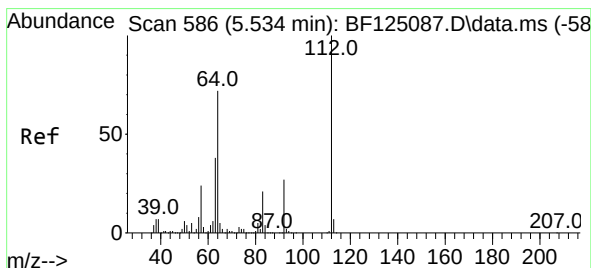
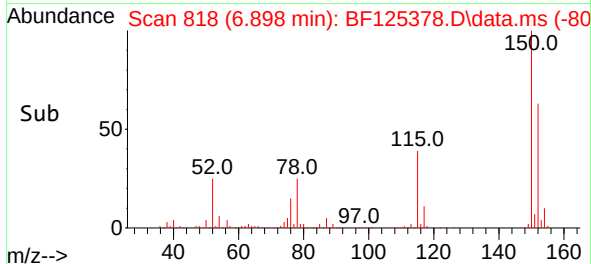
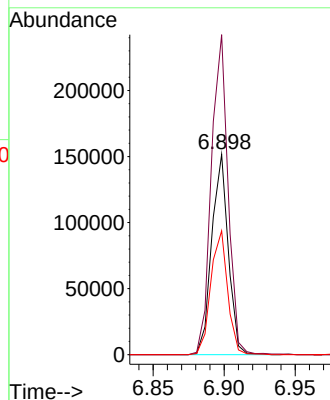
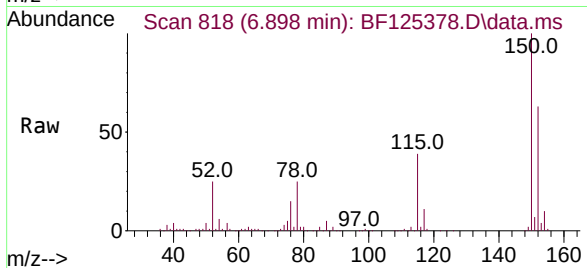




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

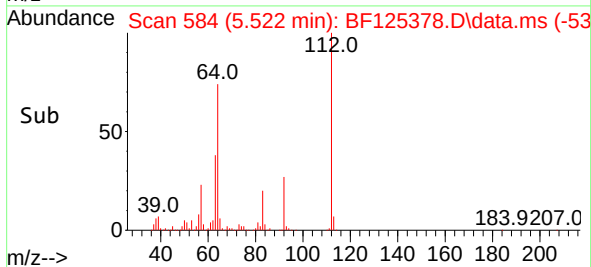
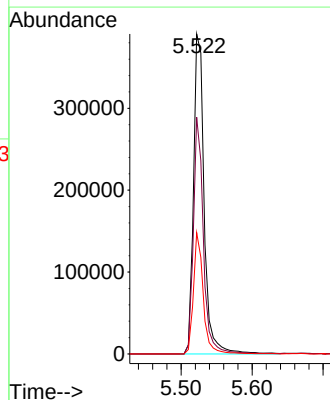
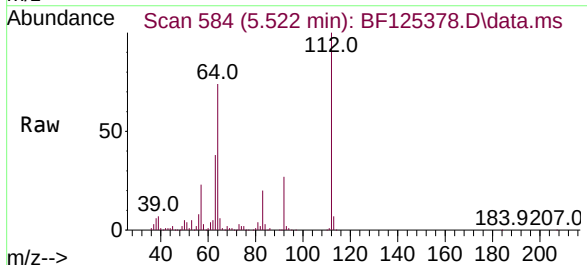
Instrument :
BNA_F
ClientSampleId :
93-94

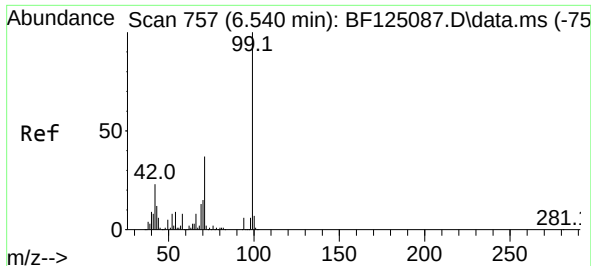
Tgt Ion:152 Resp: 122462
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 61.8 47.1 70.7



#5
2-Fluorophenol
Concen: 50.690 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Tgt Ion:112 Resp: 410121
Ion Ratio Lower Upper
112 100
64 74.0 44.2 66.2#
63 37.9 26.2 39.2

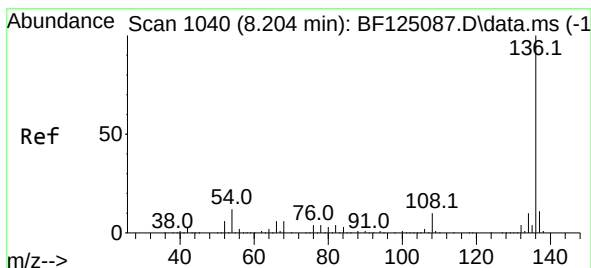
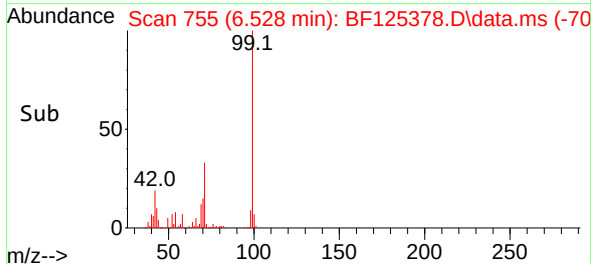
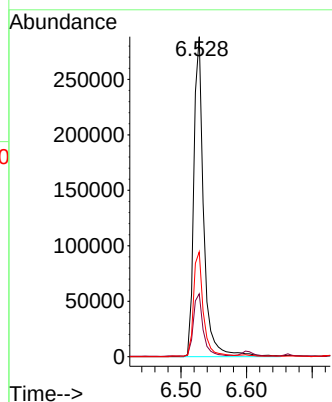
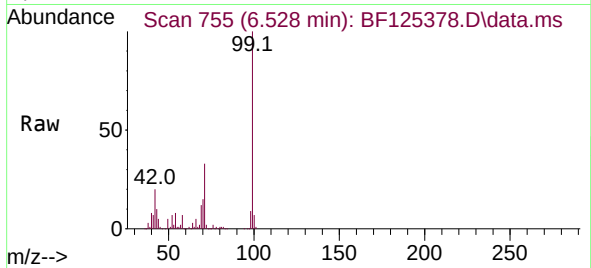




#7
Phenol-d6
Concen: 28.924 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

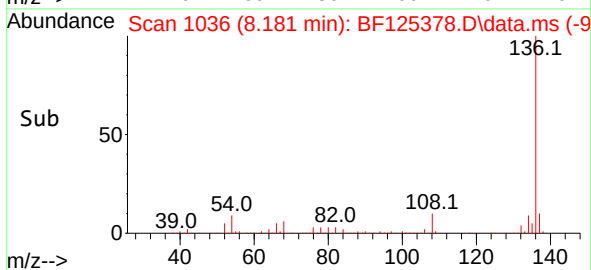
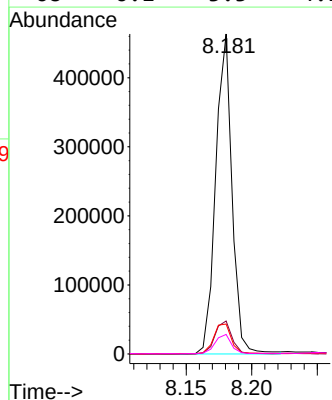
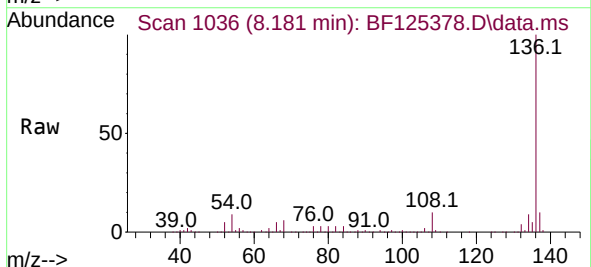
Instrument :
BNA_F
ClientSampleId :
93-94

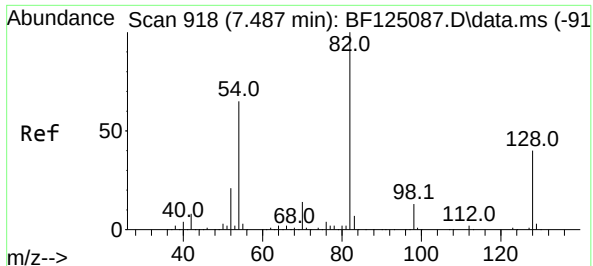
Tgt Ion: 99 Resp: 302662
Ion Ratio Lower Upper
99 100
42 19.7 23.5 35.3#
71 32.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Tgt Ion: 136 Resp: 400514
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 9.3 6.4 9.6
68 6.1 3.3 4.9#

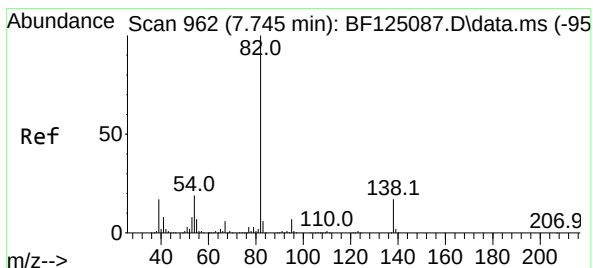
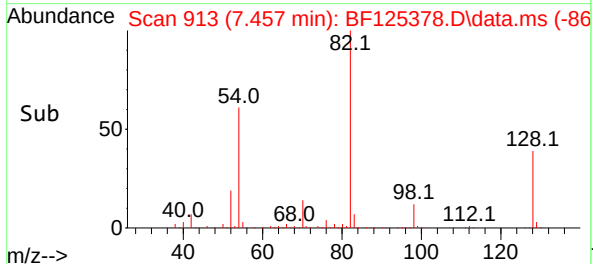
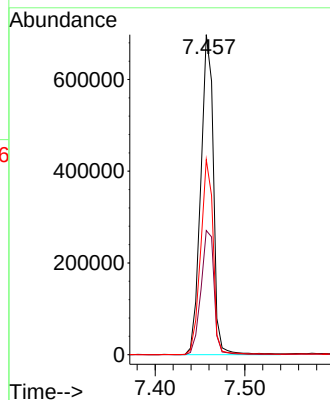
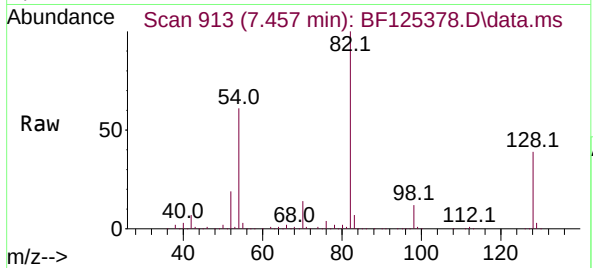




#23
Nitrobenzene-d5
Concen: 86.180 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

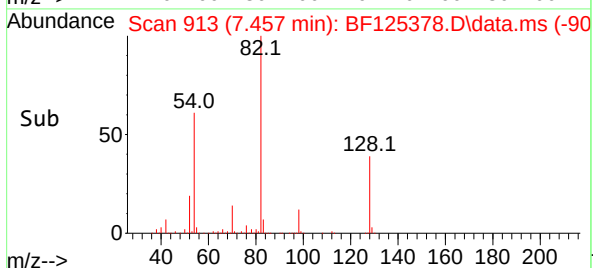
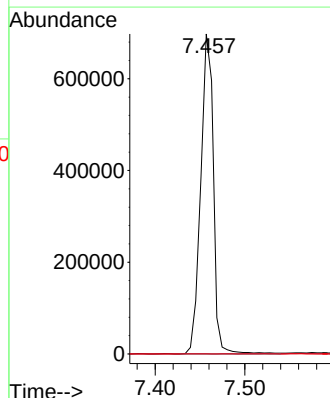
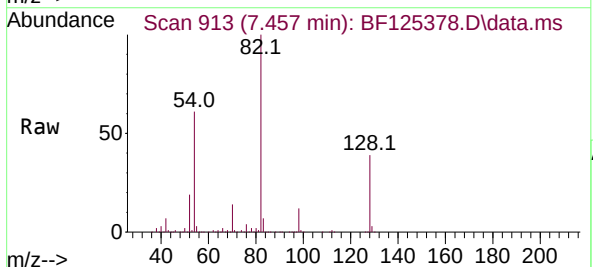
Instrument :
BNA_F
ClientSampled :
93-94

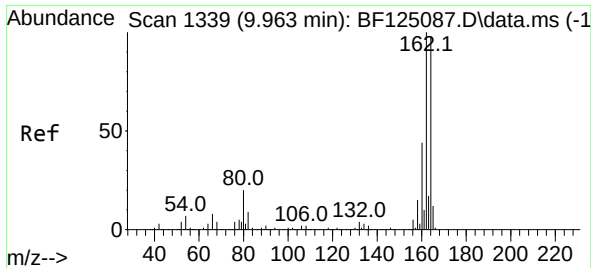
Tgt Ion: 82 Resp: 685609
Ion Ratio Lower Upper
82 100
128 38.8 40.6 60.8#
54 61.0 49.6 74.4



#25
Isophorone
Concen: 44.673 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Tgt Ion: 82 Resp: 685609
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#

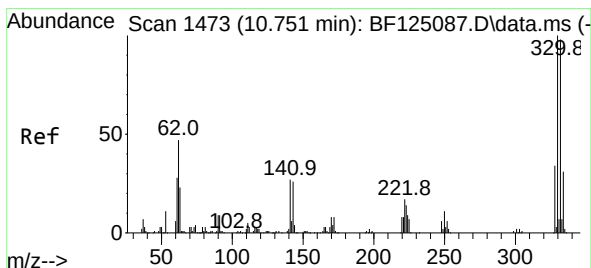
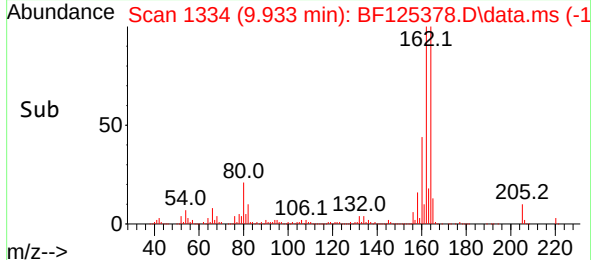
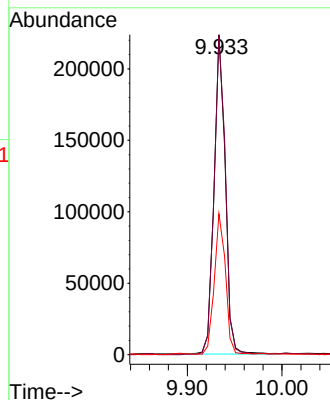
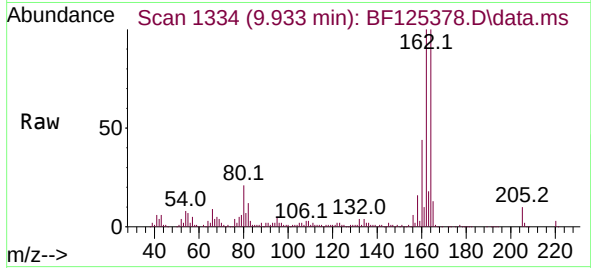




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

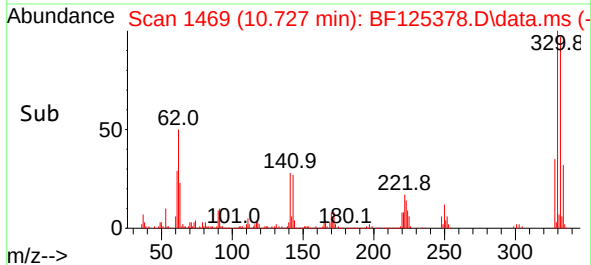
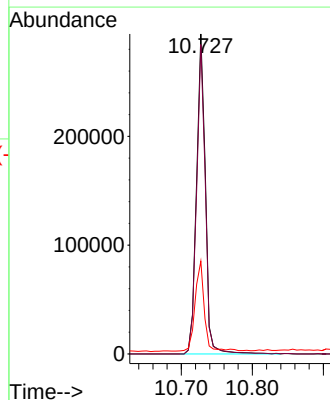
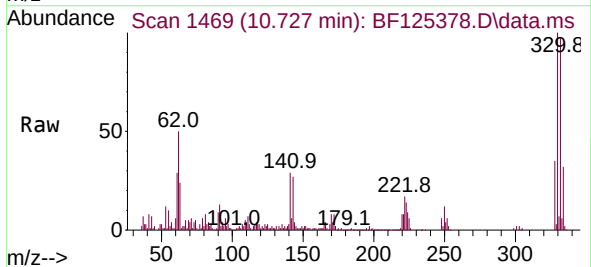
Instrument :
BNA_F
ClientSampleId :
93-94

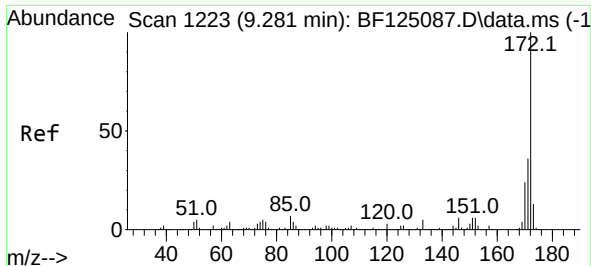
Tgt Ion:164 Resp: 183924
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 139.489 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Tgt Ion:330 Resp: 256098
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 29.0 44.6 66.8#

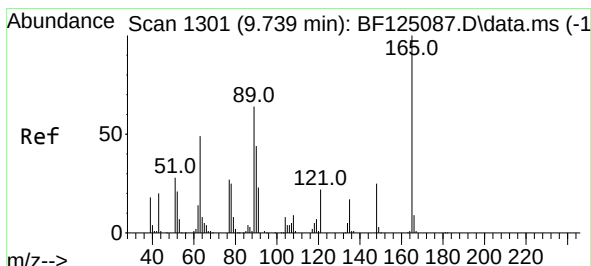
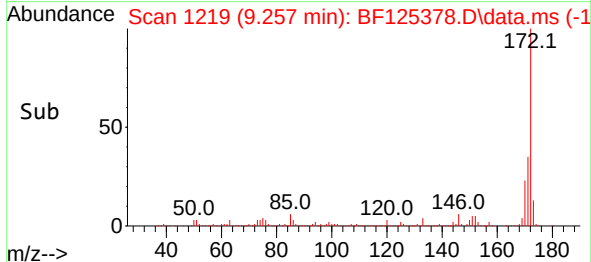
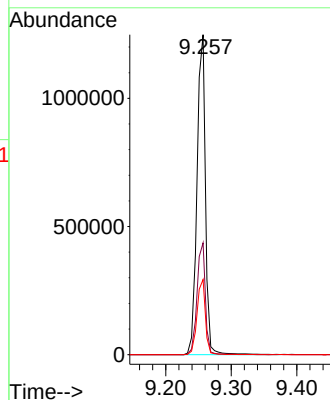
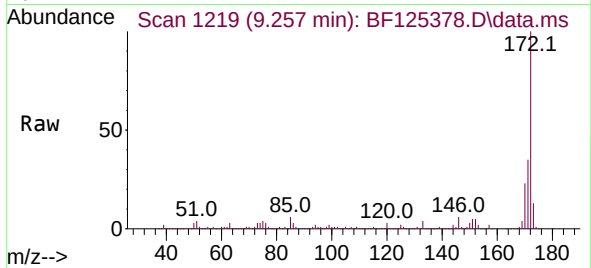




#45
2-Fluorobiphenyl
Concen: 85.123 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

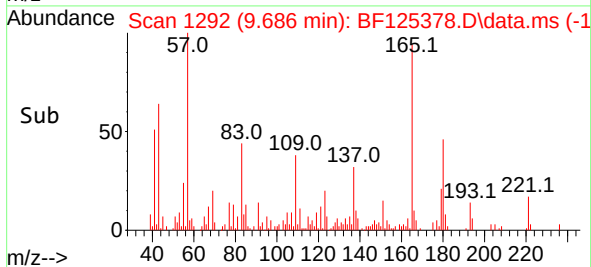
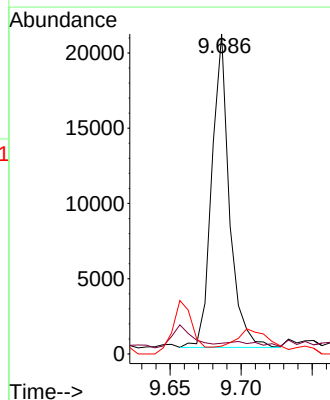
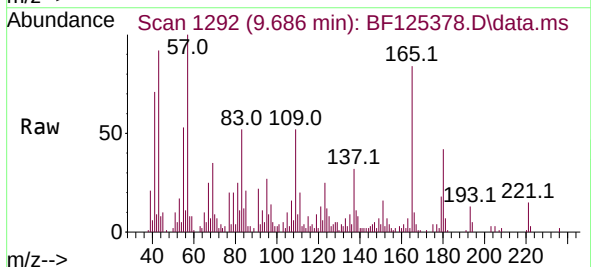
Instrument :
BNA_F
ClientSampled :
93-94

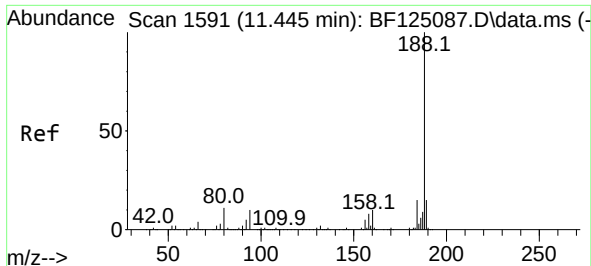
Tgt Ion:172 Resp: 1123326
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 6.492 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.035 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Tgt Ion:165 Resp: 17943
Ion Ratio Lower Upper
165 100
63 3.4 42.6 63.8#
89 2.4 40.6 60.8#

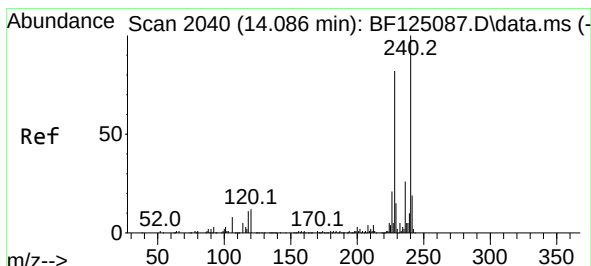
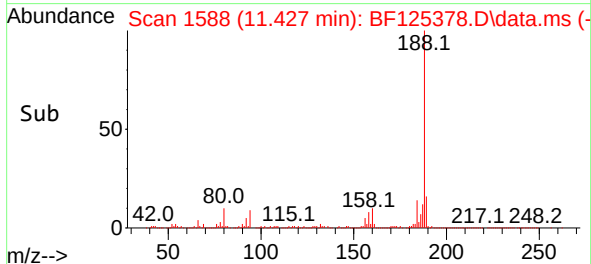
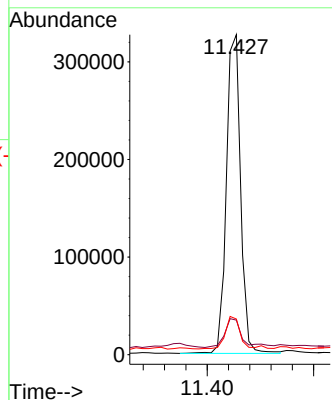
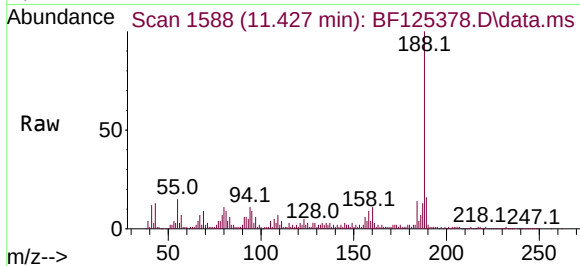




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

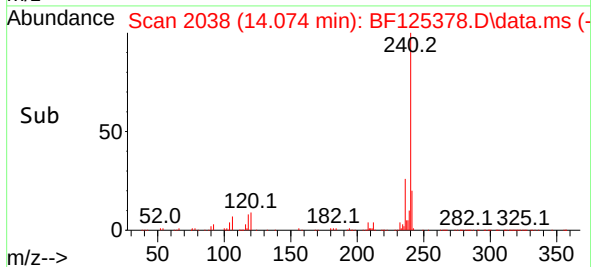
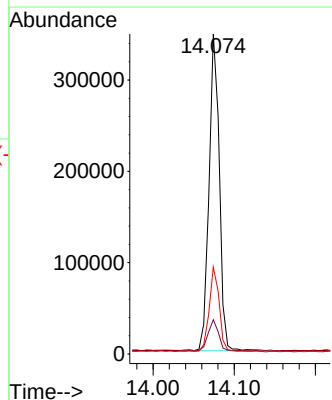
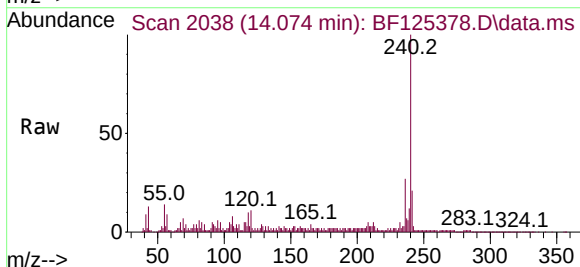
Instrument :
BNA_F
ClientSampled :
93-94

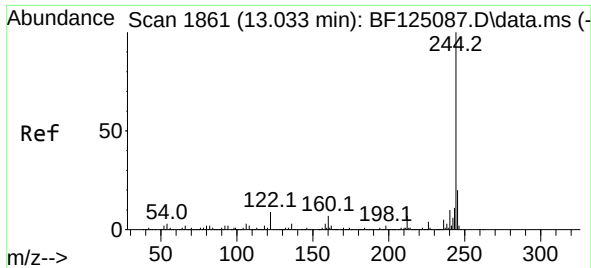
Tgt Ion:188 Resp: 301545
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Tgt Ion:240 Resp: 304642
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 27.1 21.6 32.4

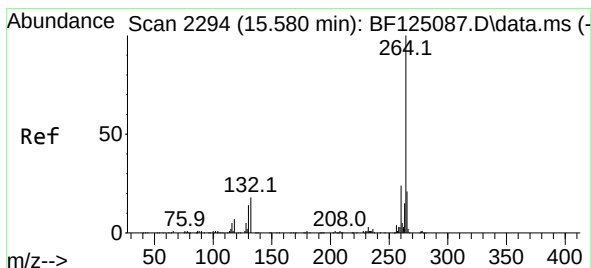
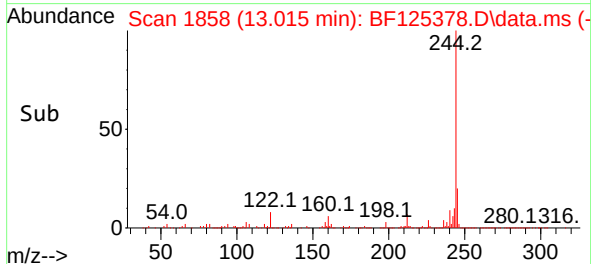
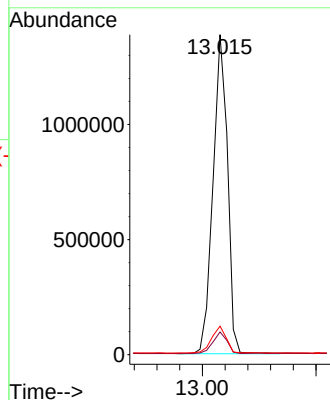
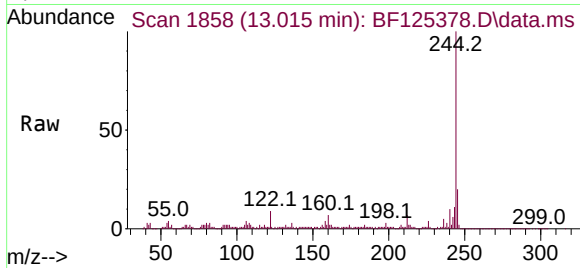




#79
Terphenyl-d14
Concen: 64.073 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1225247
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.9 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.018 min
Lab File: BF125378.D
Acq: 4 Sep 2021 19:56

Tgt Ion:264 Resp: 353238
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.0 17.2 25.8

