

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125525.D
 Acq On : 16 Sep 2021 2:28
 Operator : JU/CG
 Sample : M3731-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-091421

Quant Time: Sep 16 03:09:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

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

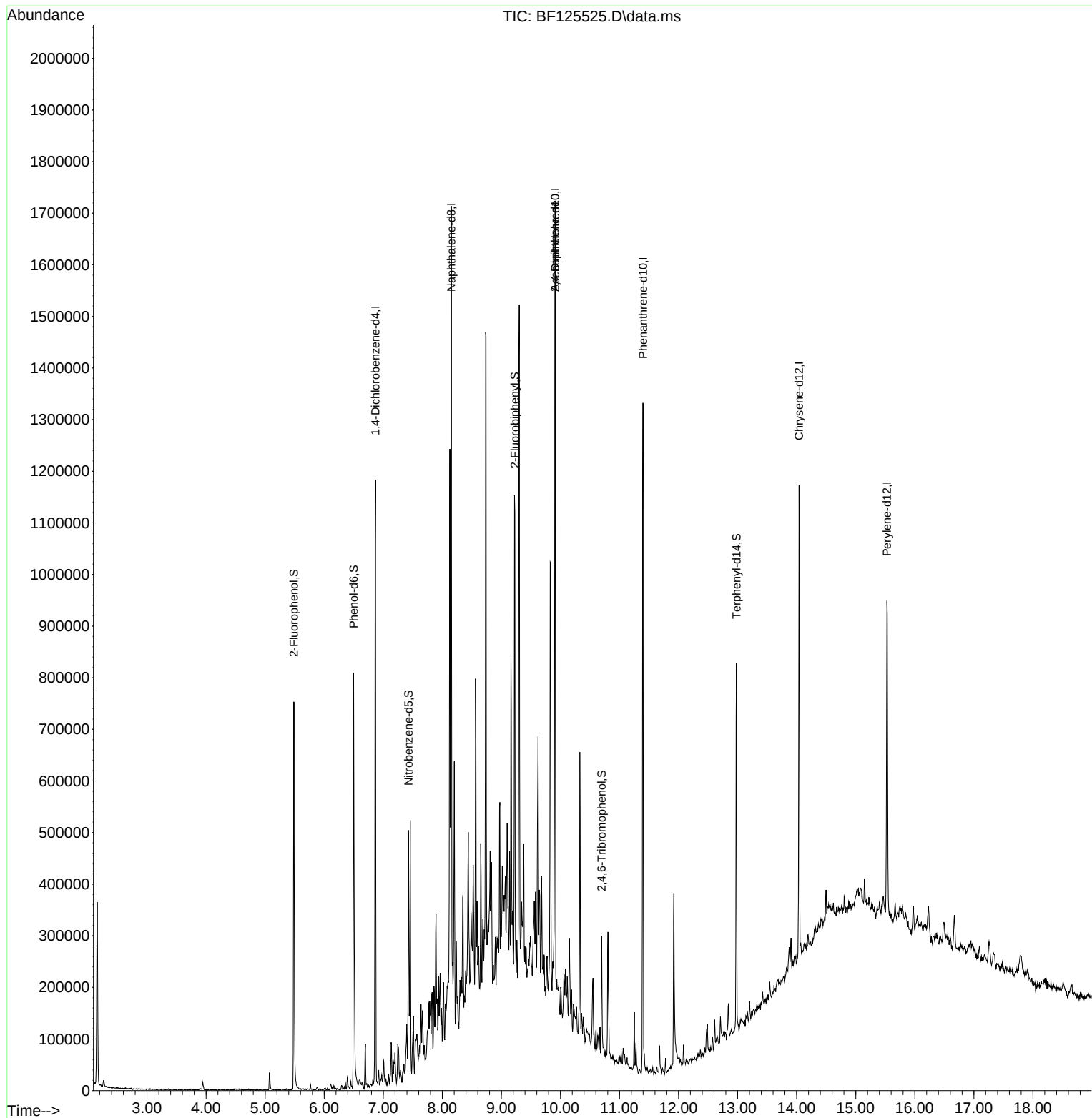
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	170426	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	622616	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	303382	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	471308	20.000	ng	0.00
76) Chrysene-d12	14.039	240	315903	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	277568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	198596	18.515	ng	0.00
7) Phenol-d6	6.498	99	258814	18.155	ng	-0.01
23) Nitrobenzene-d5	7.428	82	132617	10.517	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	27857	7.539	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	302561	14.634	ng	0.00
79) Terphenyl-d14	12.980	244	239658	12.302	ng	0.00
Target Compounds						
9) Benzaldehyde	6.392	77	132	Below Cal	#	1
20) 3+4-Methylphenols	7.292	107	120	Below Cal	#	3
57) 2,4-Dinitrotoluene	9.910	165	40745	6.514	ng	# 21

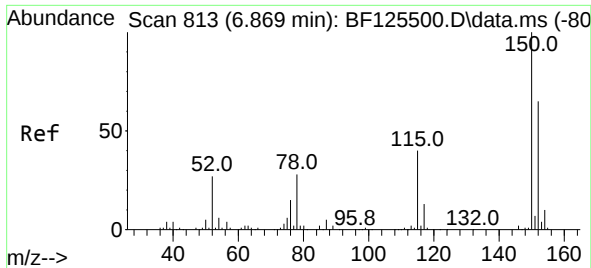
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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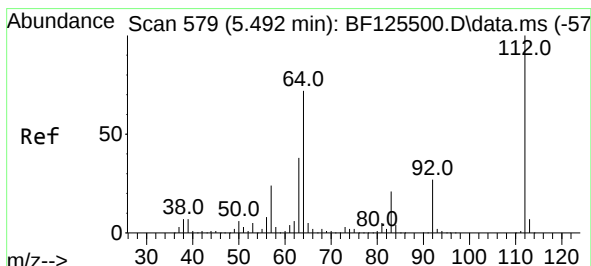
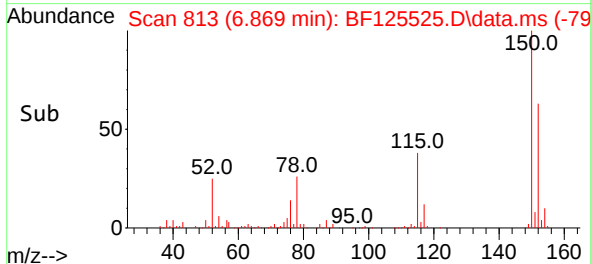
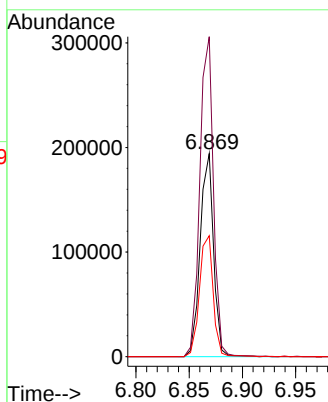
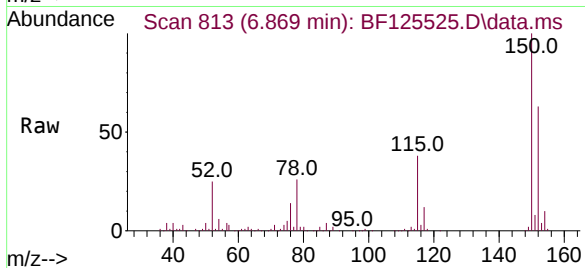




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

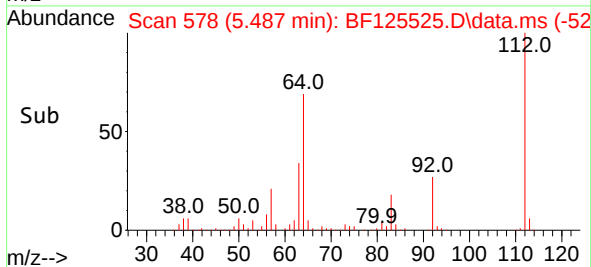
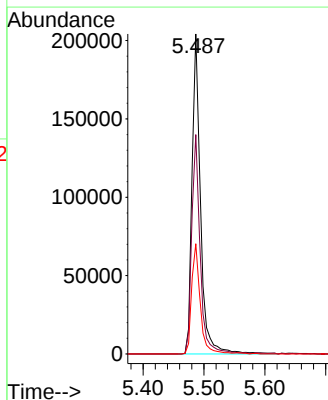
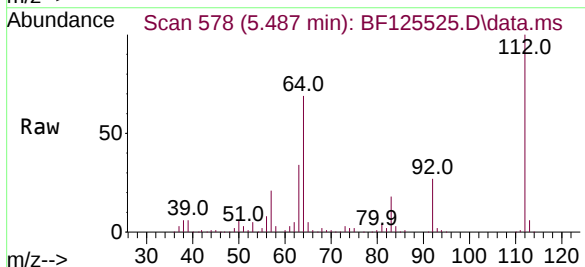
Instrument :
BNA_F
ClientSampleId :
HR-02-091421

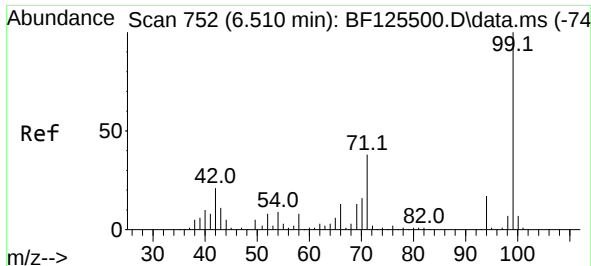
Tgt Ion:152 Resp: 170426
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 18.515 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.005 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

Tgt Ion:112 Resp: 198596
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 34.5 26.2 39.2

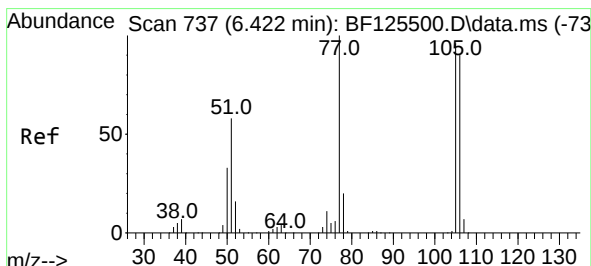
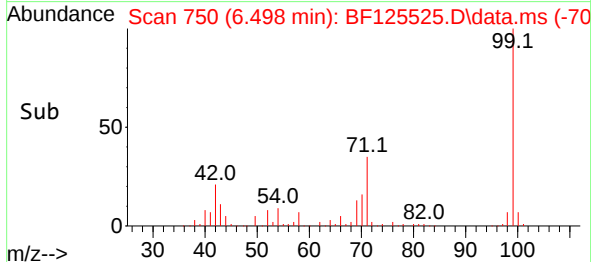
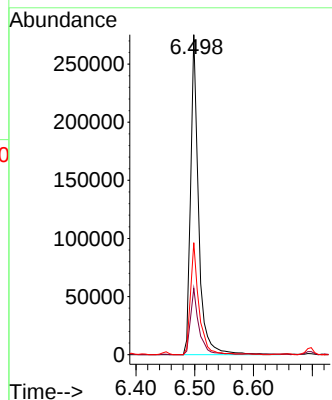
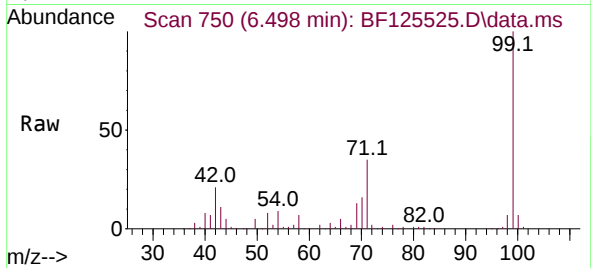




#7
Phenol-d6
Concen: 18.155 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

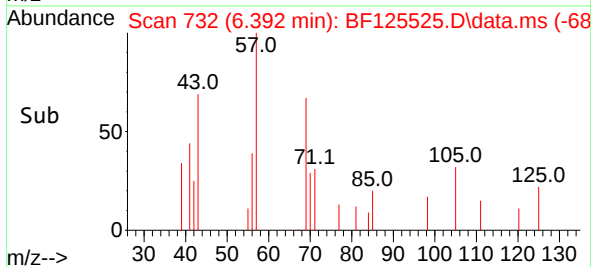
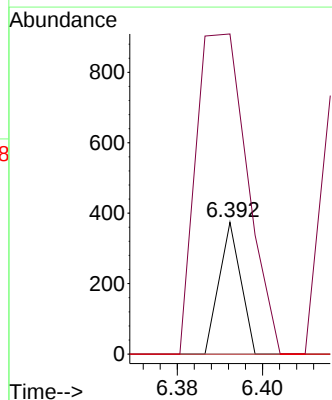
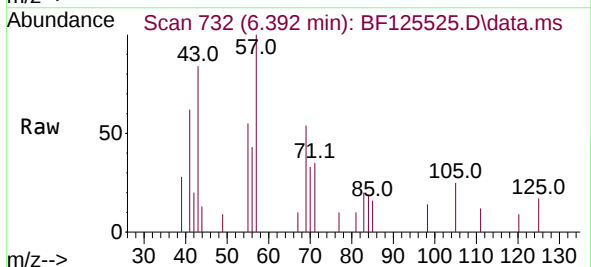
Instrument :
BNA_F
ClientSampleId :
HR-02-091421

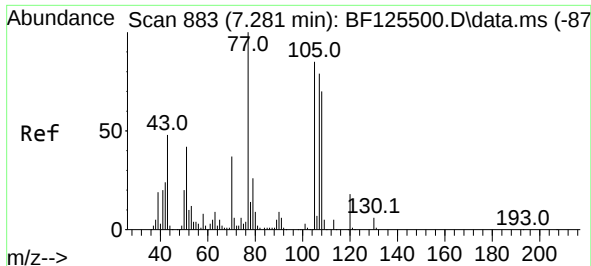
Tgt Ion: 99 Resp: 258814
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 35.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.392 min Scan# 732
Delta R.T. -0.030 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

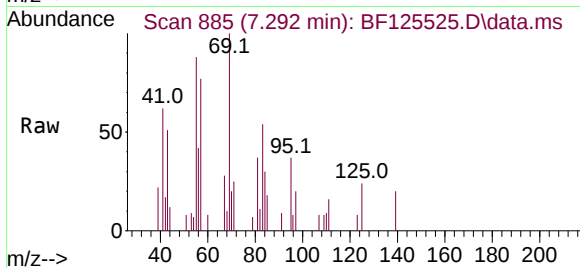
Tgt Ion: 77 Resp: 132
Ion Ratio Lower Upper
77 100
105 243.0 75.9 115.9#
106 0.0 84.0 124.0#



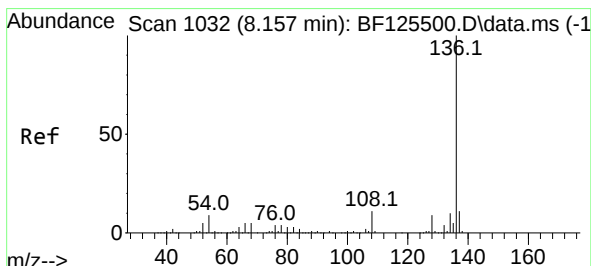
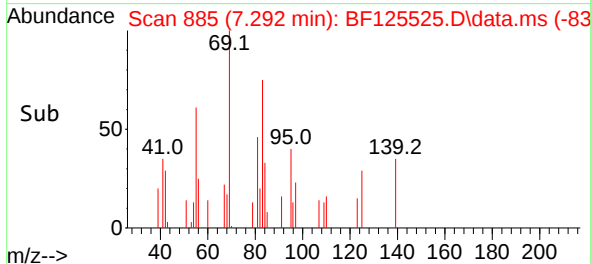
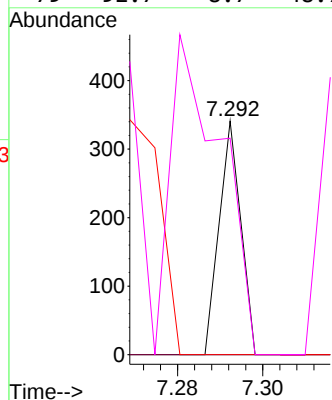


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.292 min Scan# 885
Delta R.T. 0.011 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

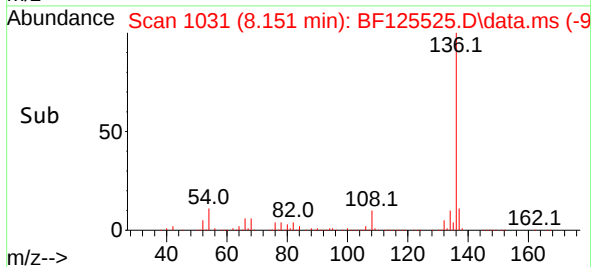
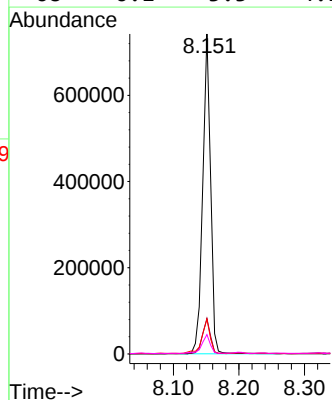
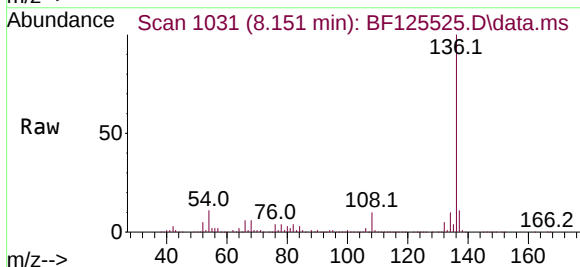


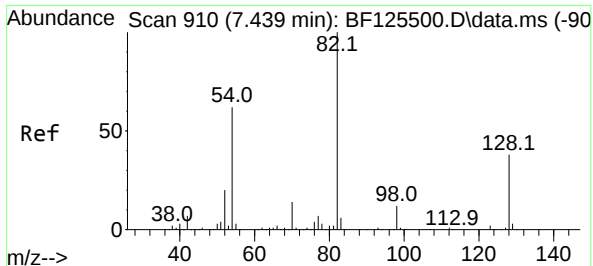
Tgt Ion:107 Resp: 120
Ion Ratio Lower Upper
107 100
108 0.0 76.6 116.6#
77 0.0 53.3 93.3#
79 92.7 8.7 48.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

Tgt Ion:136 Resp: 622616
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.9 6.4 9.6#
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 10.517 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125525.D

Acq: 16 Sep 2021 2:28

Instrument :

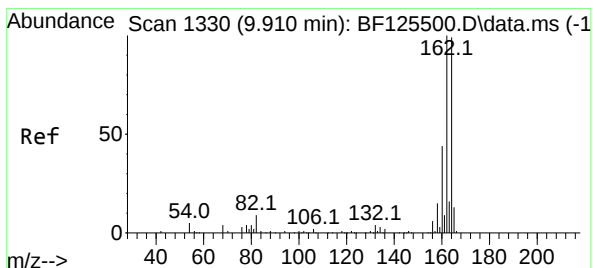
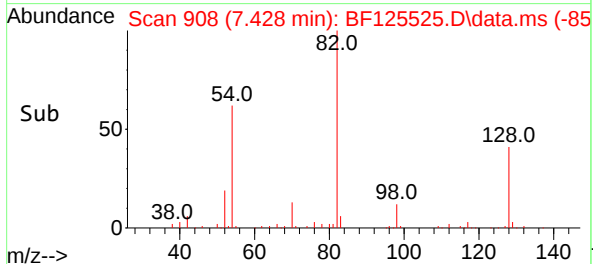
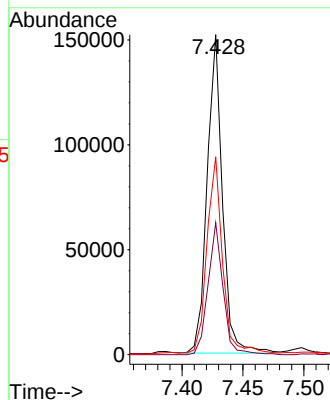
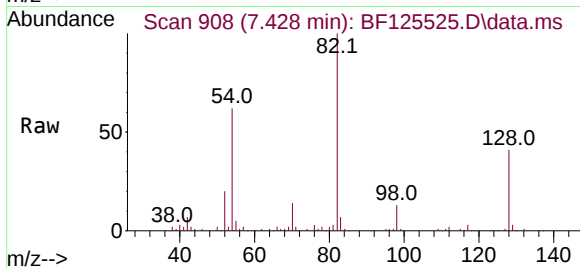
BNA_F

ClientSampleId :

HR-02-091421

Tgt Ion: 82 Resp: 132617

Ion	Ratio	Lower	Upper
82	100		
128	41.2	40.6	60.8
54	61.9	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

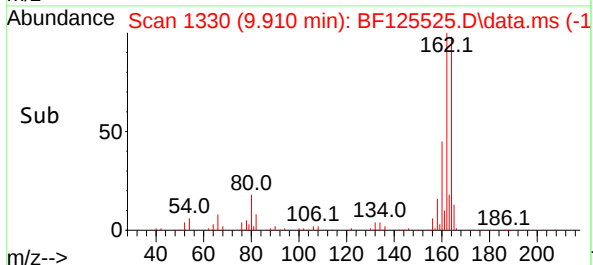
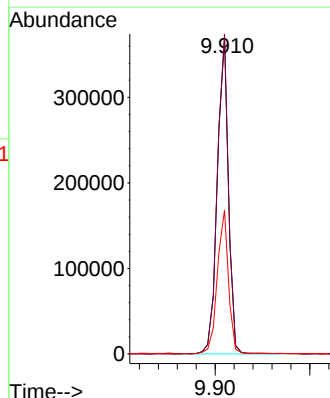
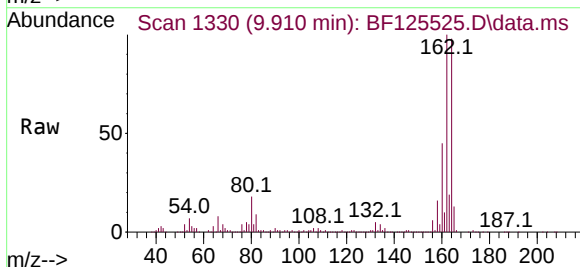
Delta R.T. 0.000 min

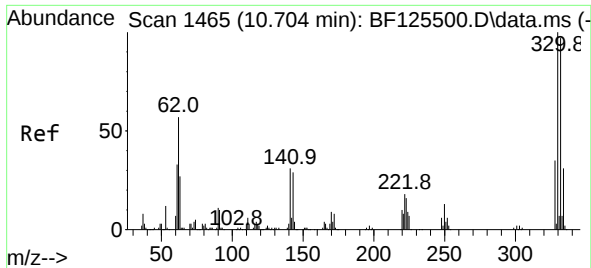
Lab File: BF125525.D

Acq: 16 Sep 2021 2:28

Tgt Ion: 164 Resp: 303382

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	45.7	38.0	57.0

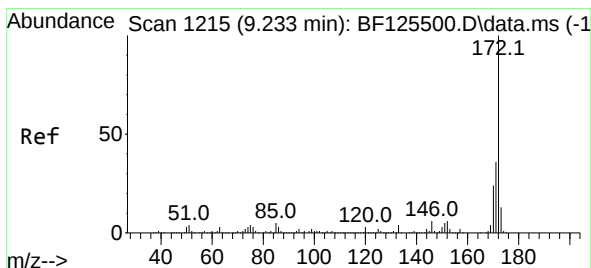
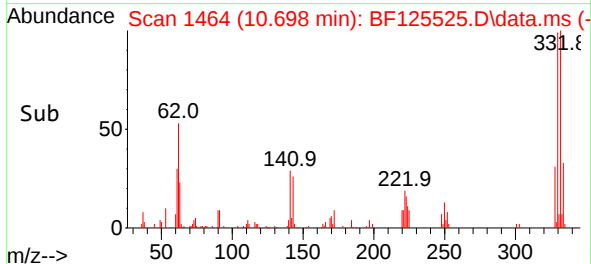
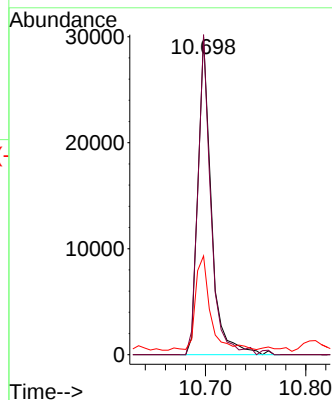
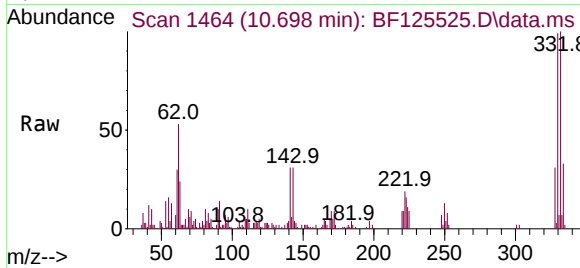




#42
2,4,6-Tribromophenol
Concen: 7.539 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

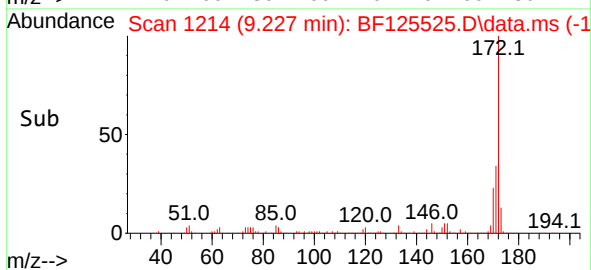
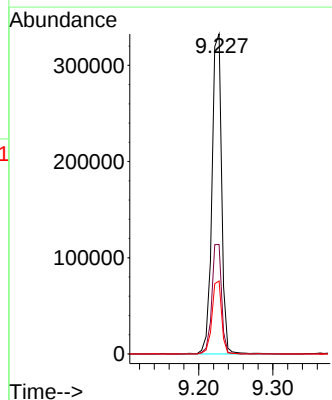
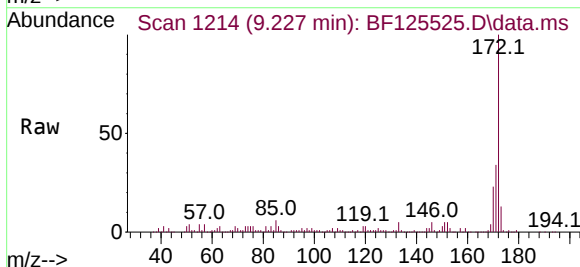
Instrument :
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HR-02-091421

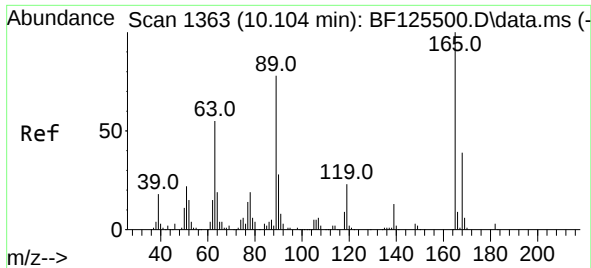
Tgt Ion: 330 Resp: 27857
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 33.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 14.634 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

Tgt Ion: 172 Resp: 302561
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 22.8 18.8 28.2

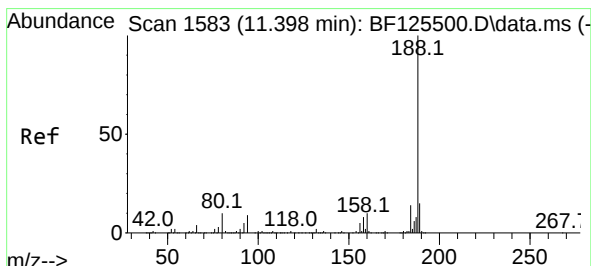
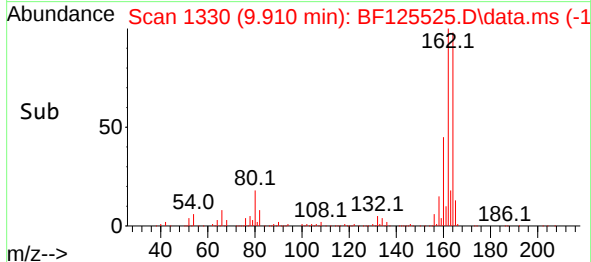
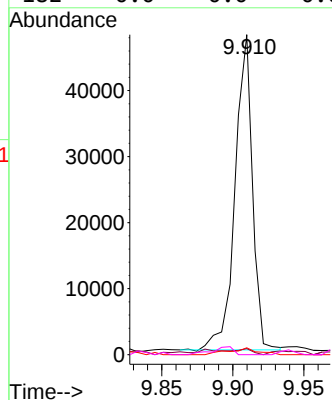
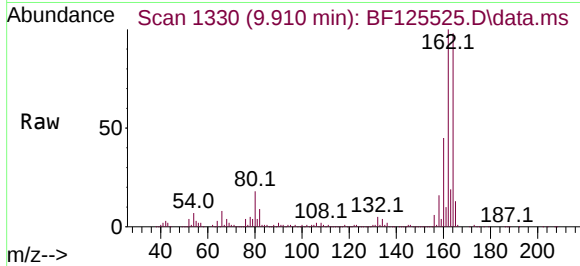




#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

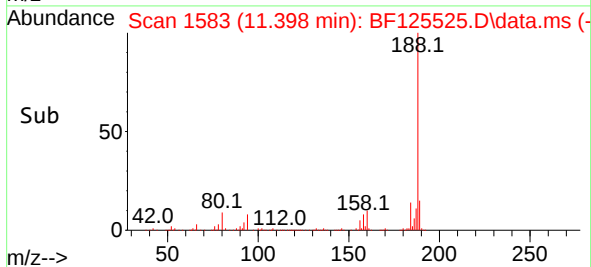
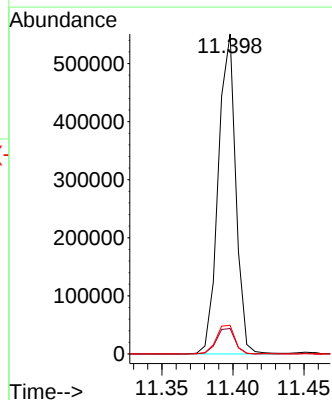
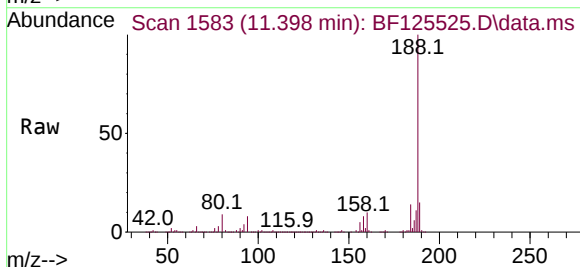
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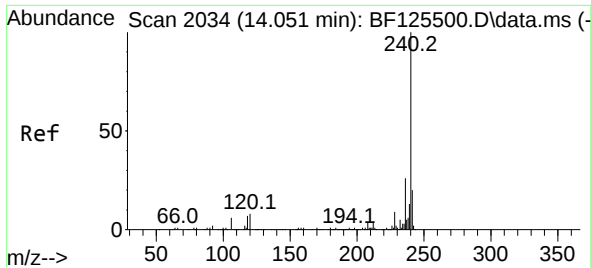
Tgt Ion:165	Resp:	40745
Ion Ratio	Lower	Upper
165	100	
63	1.9	40.9 61.3#
89	2.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

Tgt Ion:188	Resp:	471308
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.7 10.1
80	9.0	7.5 11.3

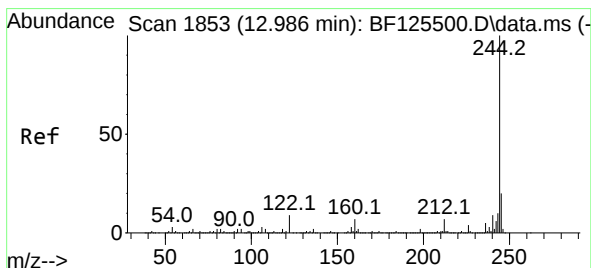
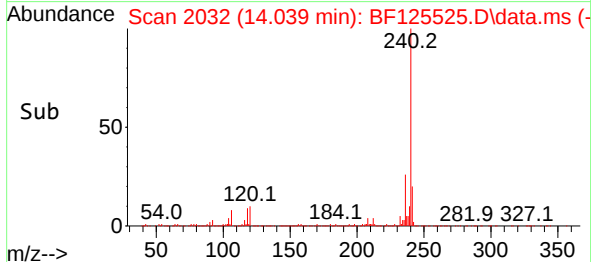
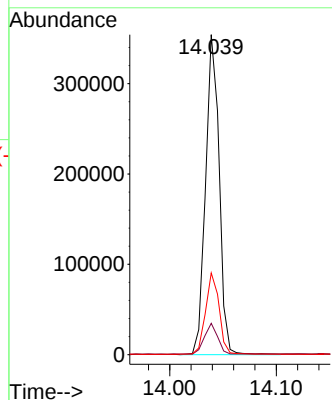
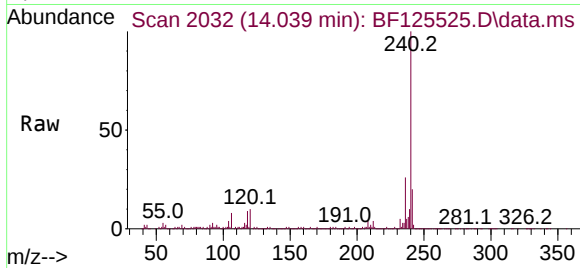




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

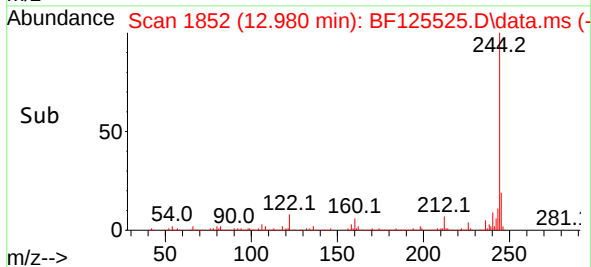
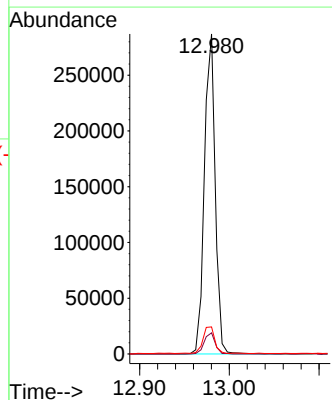
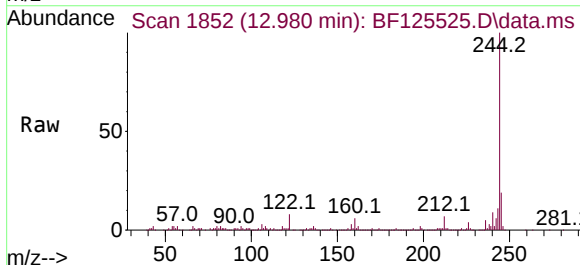
Instrument :
BNA_F
ClientSampleId :
HR-02-091421

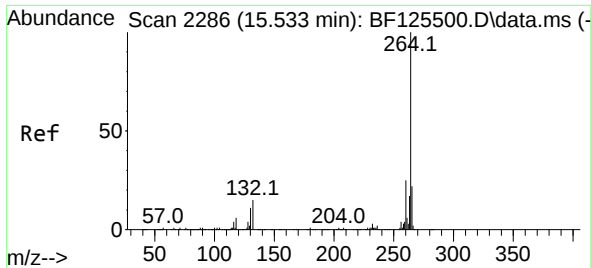
Tgt Ion:240 Resp: 315903
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 12.302 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

Tgt Ion:244 Resp: 239658
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.5 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF125525.D
Acq: 16 Sep 2021 2:28

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

Tgt Ion:264 Resp: 277568

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.4	17.2	25.8

