

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124087.D
 Acq On : 27 May 2021 3:42
 Operator : JU/CG
 Sample : M2521-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-052521

Quant Time: May 27 04:56:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

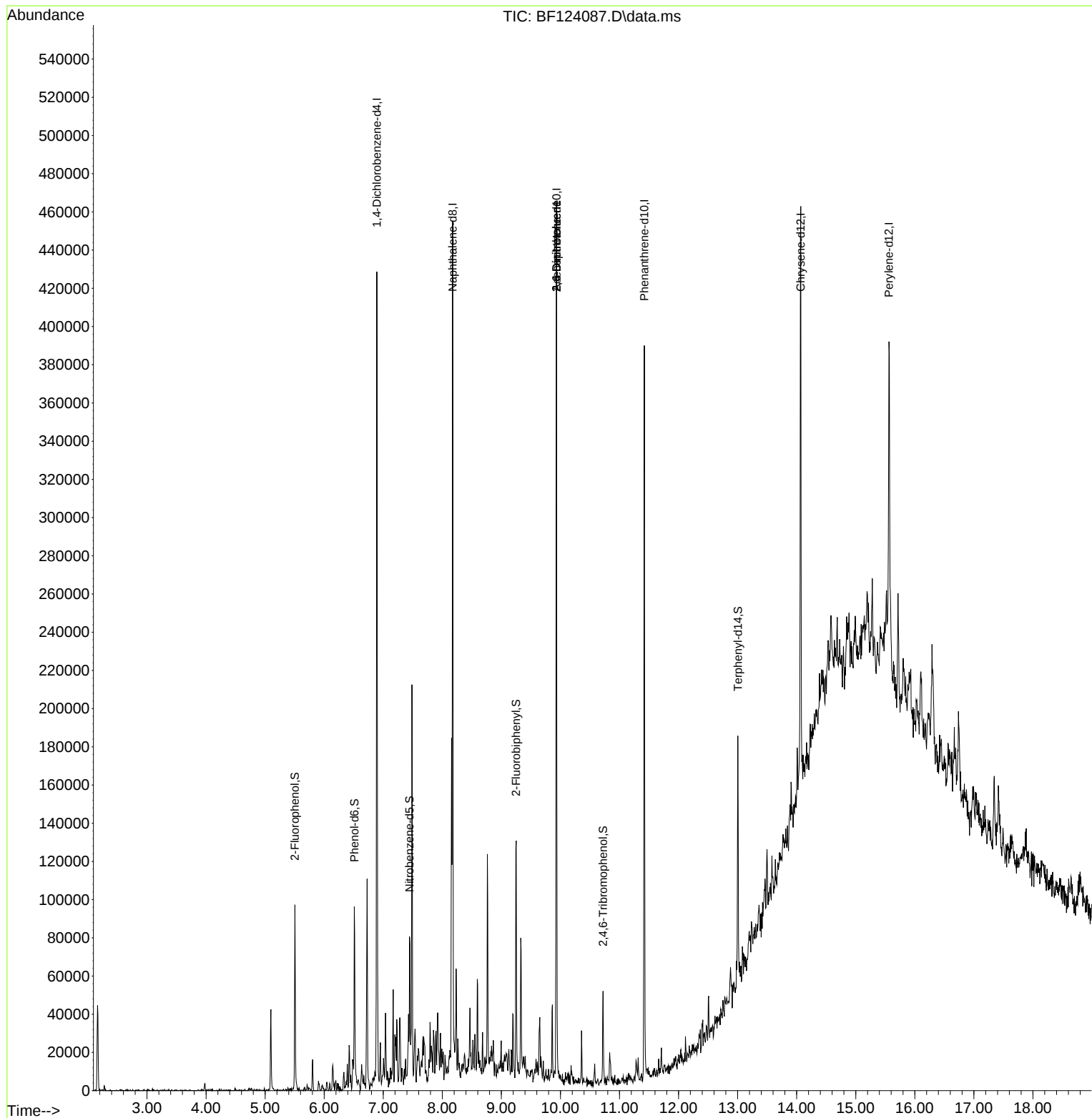
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	50421	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	165667	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	80043	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	122375	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	100351	20.00	ng	0.00
86) Perylene-d12	15.562	264	72477	20.00	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	21358	5.95	ng	0.00
7) Phenol-d6	6.510	99	26932	5.78	ng	-0.01
23) Nitrobenzene-d5	7.445	82	22670	5.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.721	330	5702	5.93	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	37363	5.74	ng	-0.01
79) Terphenyl-d14	13.004	244	32046	4.84	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.933	165	10713	8.29	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	10713	6.76	ng	# 20

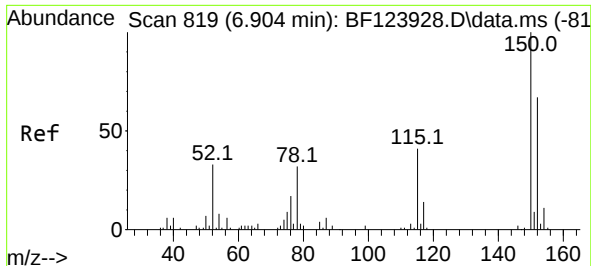
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124087.D
Acq On : 27 May 2021 3:42
Operator : JU/CG
Sample : M2521-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-052521

Quant Time: May 27 04:56:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

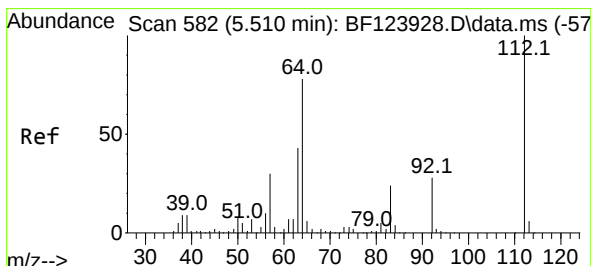
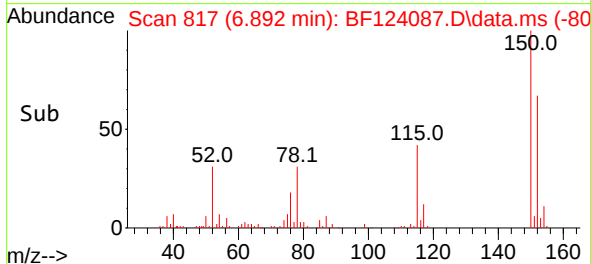
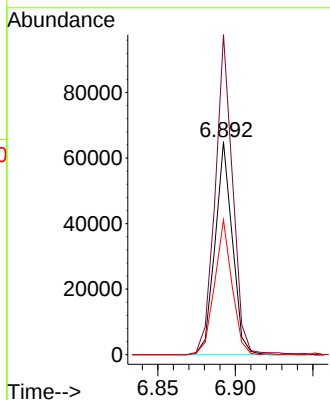
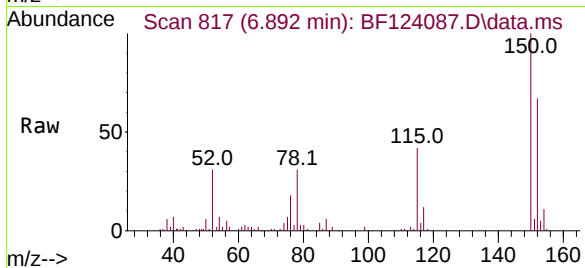




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

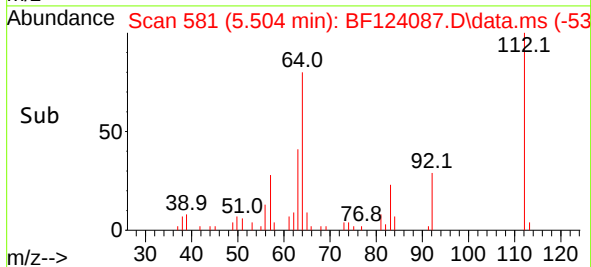
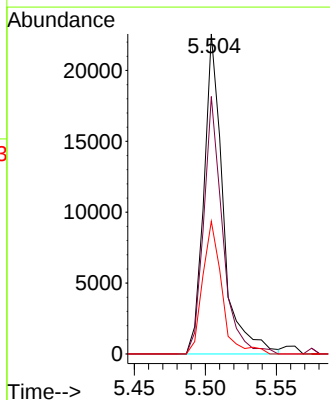
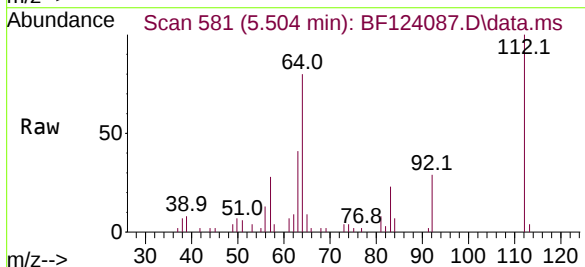
Instrument :
BNA_F
ClientSampleId :
HR-01-052521

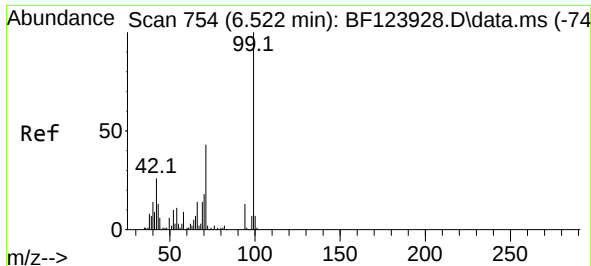
Tgt Ion:152 Resp: 50421
Ion Ratio Lower Upper
152 100
150 150.3 127.0 190.6
115 63.3 54.3 81.5



#5
2-Fluorophenol
Concen: 5.95 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

Tgt Ion:112 Resp: 21358
Ion Ratio Lower Upper
112 100
64 80.4 61.4 92.0
63 41.4 33.0 49.4

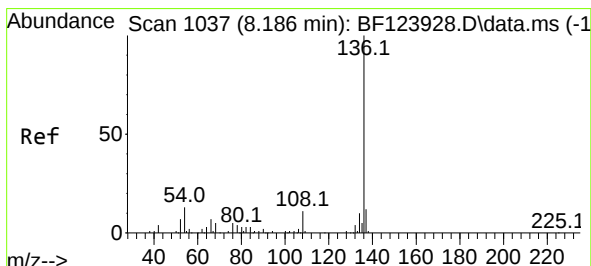
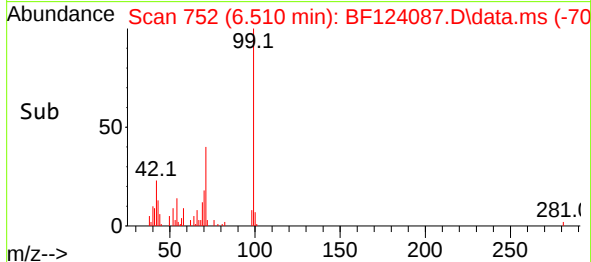
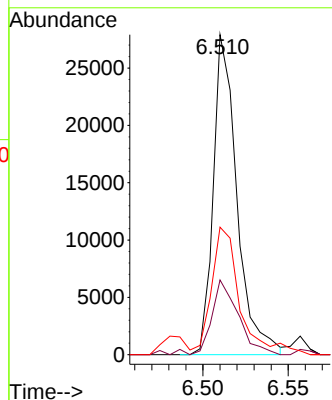
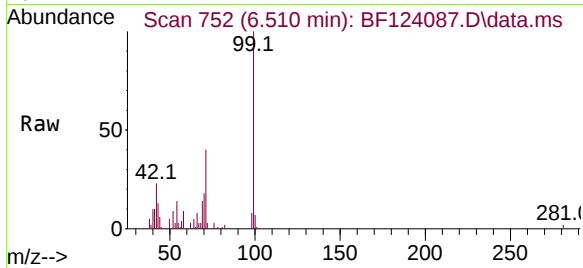




#7
Phenol-d6
Concen: 5.78 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

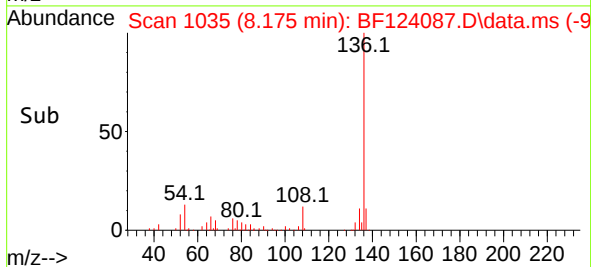
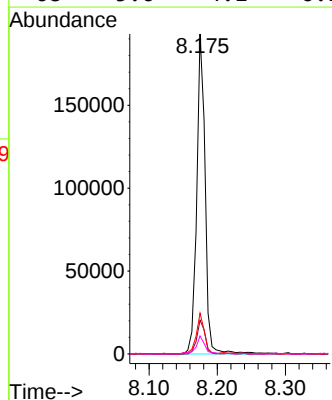
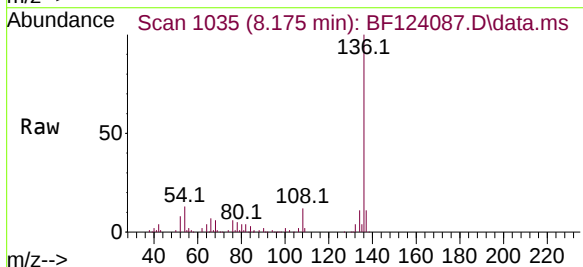
Instrument :
BNA_F
ClientSampleId :
HR-01-052521

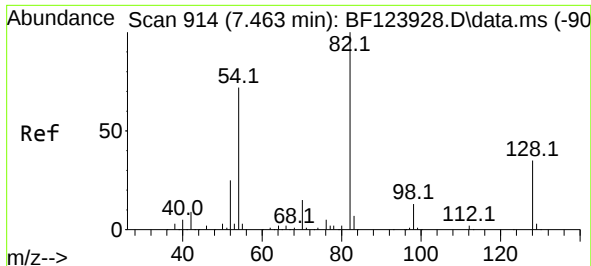
Tgt Ion:	99	Resp:	26932
Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.8	29.8
71	39.9	31.1	46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

Tgt Ion:	136	Resp:	165667
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	12.7	9.8	14.6
68	5.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 5.90 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.018 min

Lab File: BF124087.D

Acq: 27 May 2021 3:42

Tgt Ion: 82 Resp: 22670

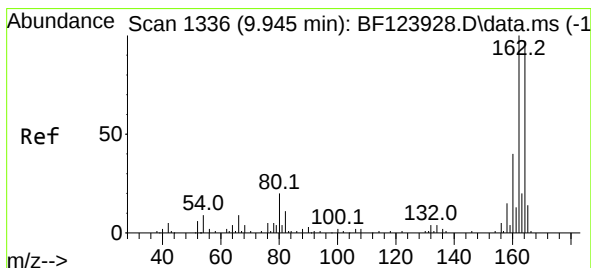
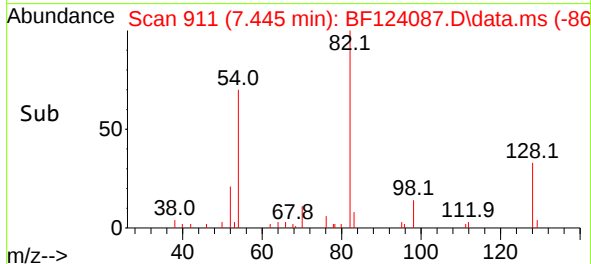
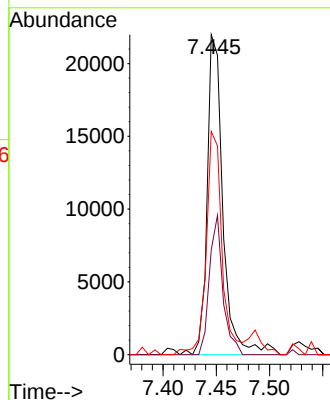
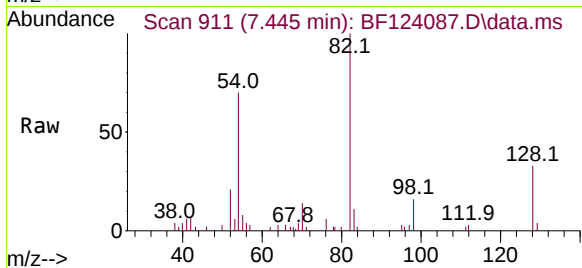
Ion	Ratio	Lower	Upper
82	100		
128	32.7	29.4	44.2
54	69.7	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

HR-01-052521



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.933 min Scan# 1334

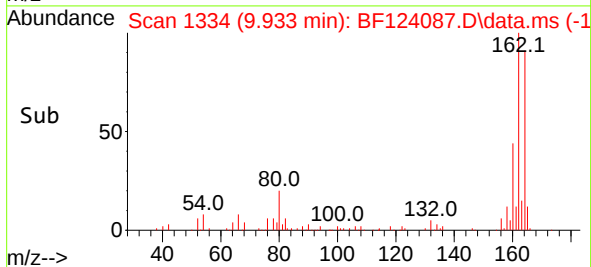
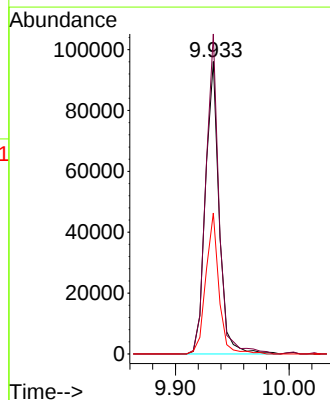
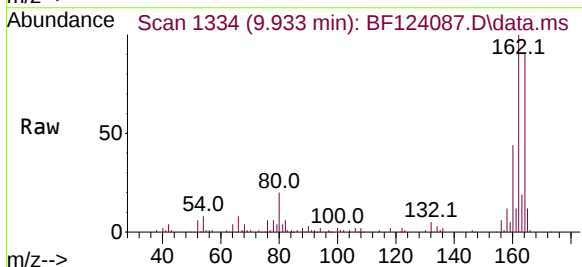
Delta R.T. -0.012 min

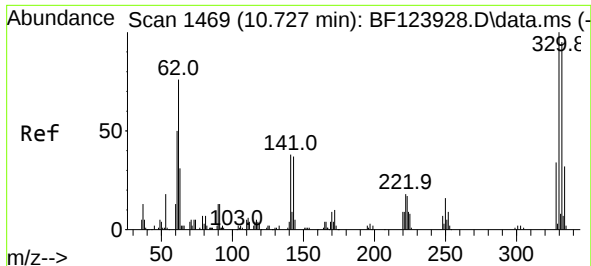
Lab File: BF124087.D

Acq: 27 May 2021 3:42

Tgt Ion:164 Resp: 80043

Ion	Ratio	Lower	Upper
164	100		
162	109.4	80.7	121.1
160	48.2	37.3	55.9

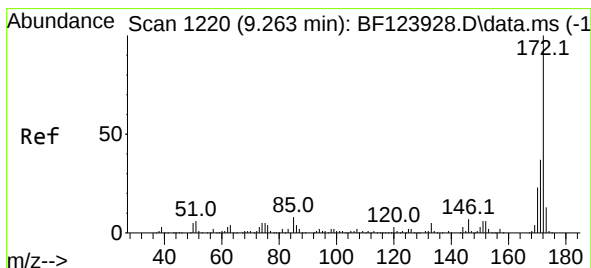
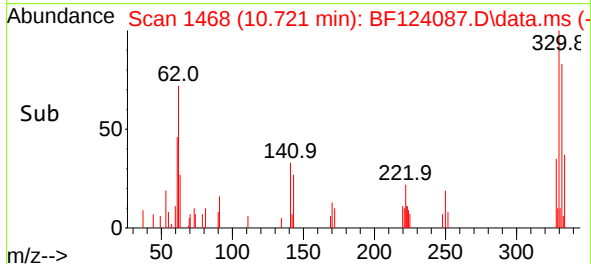
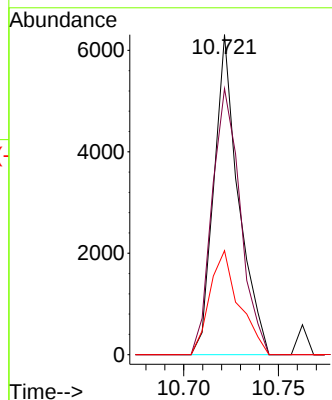
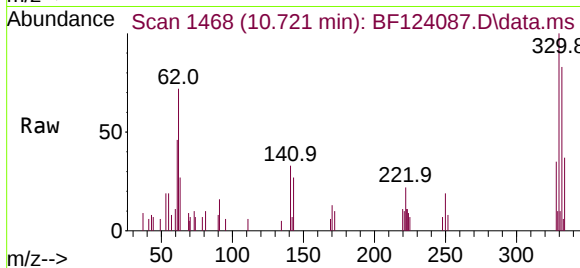




#42
2,4,6-Tribromophenol
Concen: 5.93 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

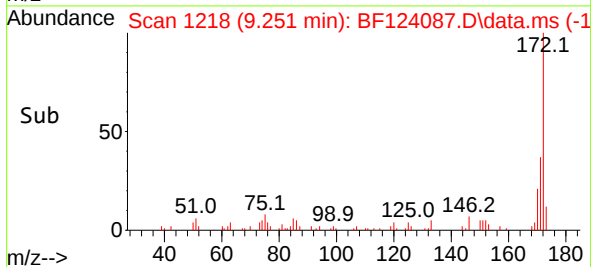
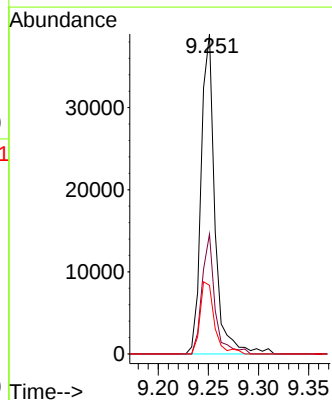
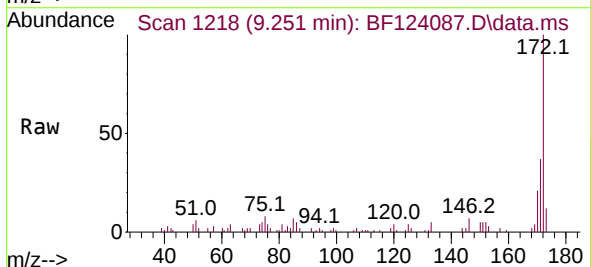
Instrument :
BNA_F
ClientSampleId :
HR-01-052521

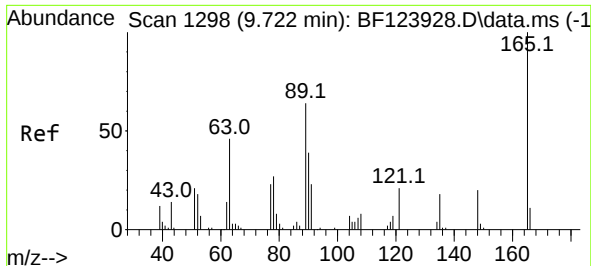
Tgt Ion: 330 Resp: 5702
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 5.74 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

Tgt Ion: 172 Resp: 37363
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 21.4 19.2 28.8

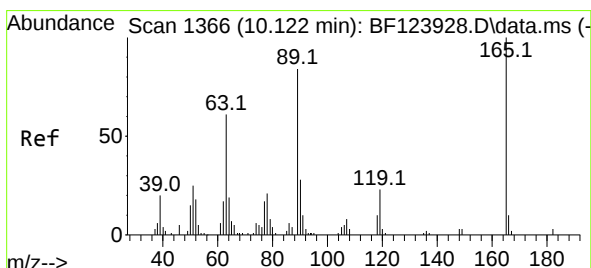
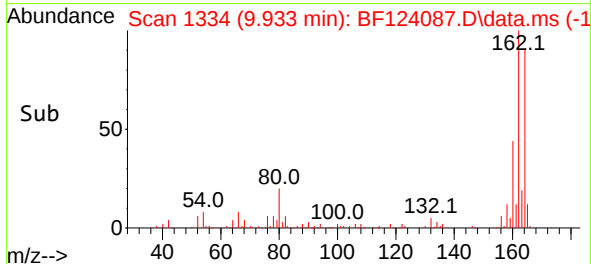
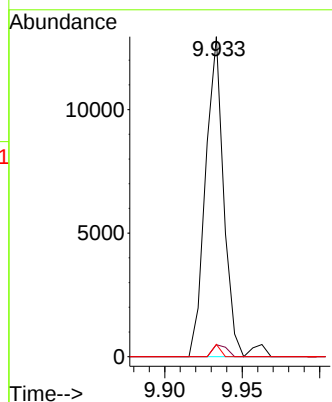
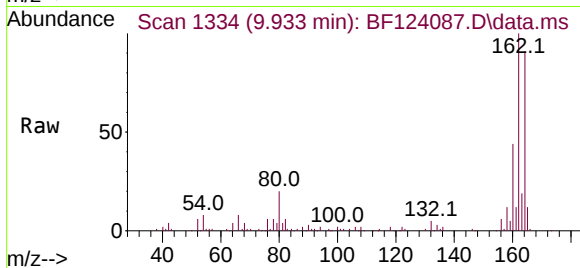




#51
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

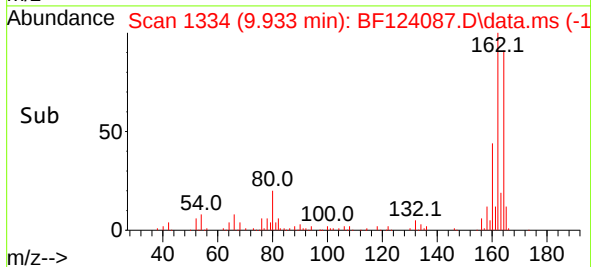
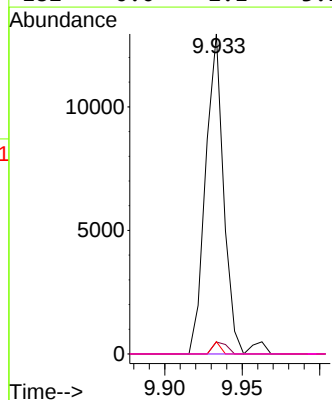
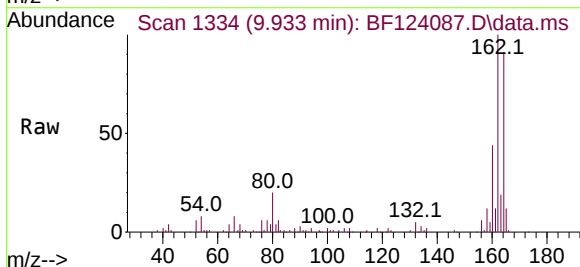
Instrument :
BNA_F
ClientSampleId :
HR-01-052521

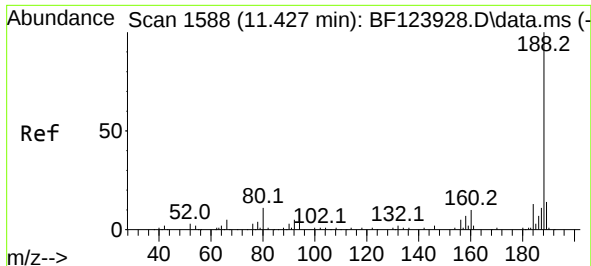
Tgt Ion:165 Resp: 10713
Ion Ratio Lower Upper
165 100
63 3.7 67.7 101.5#
89 3.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

Tgt Ion:165 Resp: 10713
Ion Ratio Lower Upper
165 100
63 3.7 43.5 65.3#
89 3.8 67.7 101.5#
182 0.0 2.1 3.1#

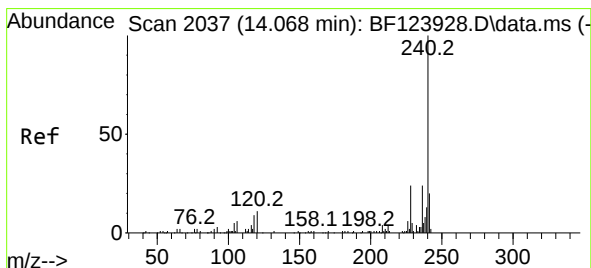
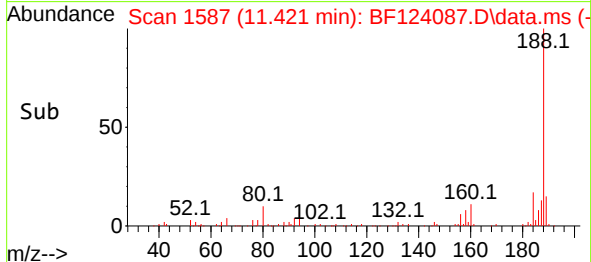
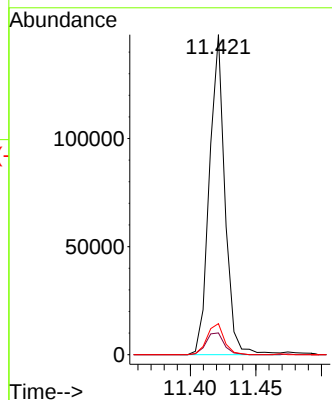
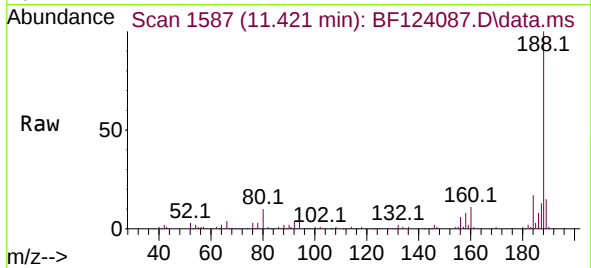




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

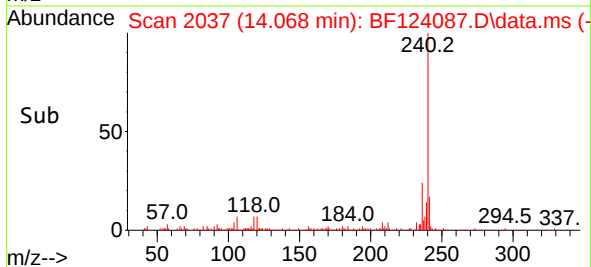
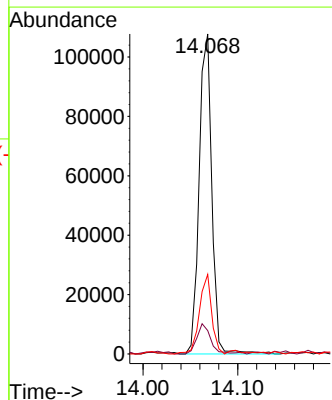
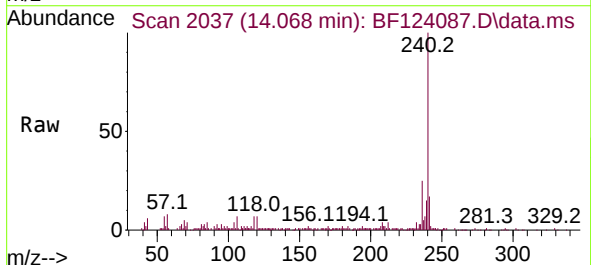
Instrument :
BNA_F
ClientSampleId :
HR-01-052521

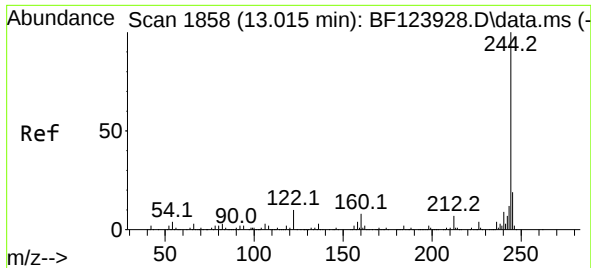
Tgt Ion:188 Resp: 122375
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

Tgt Ion:240 Resp: 100351
Ion Ratio Lower Upper
240 100
120 7.3 7.2 10.8
236 24.8 19.0 28.4

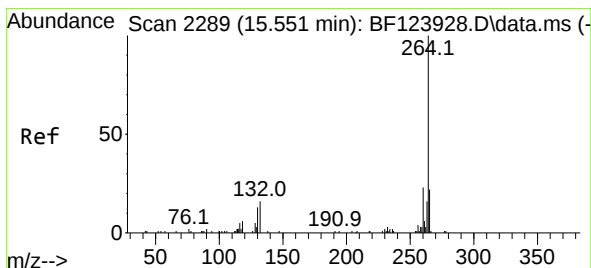
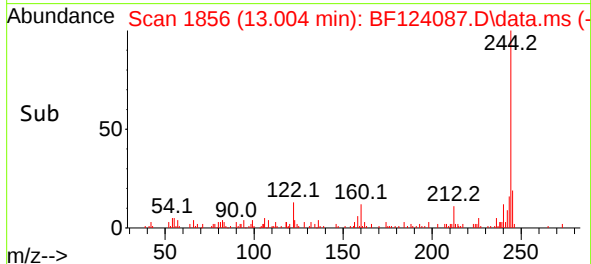
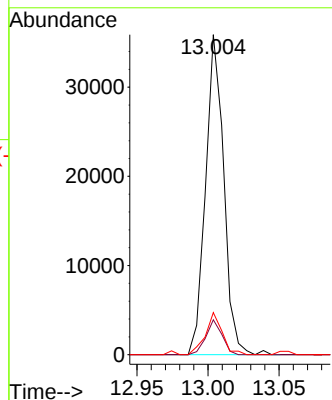
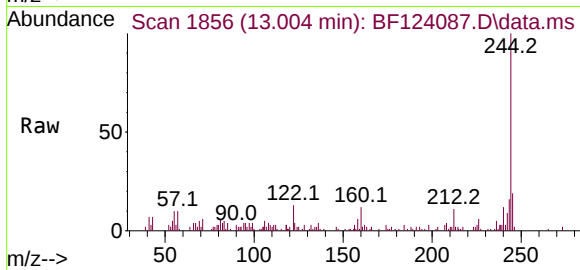




#79
Terphenyl-d14
Concen: 4.84 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

Instrument :
BNA_F
ClientSampleId :
HR-01-052521

Tgt Ion:244 Resp: 32046
Ion Ratio Lower Upper
244 100
212 10.9 5.7 8.5#
122 13.1 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124087.D
Acq: 27 May 2021 3:42

Tgt Ion:264 Resp: 72477
Ion Ratio Lower Upper
264 100
260 18.4 18.7 28.1#
265 18.9 17.8 26.8

