

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125734.D
 Acq On : 30 Sep 2021 15:34
 Operator : JU/CG
 Sample : M3971-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-COMP

Quant Time: Sep 30 16:02:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

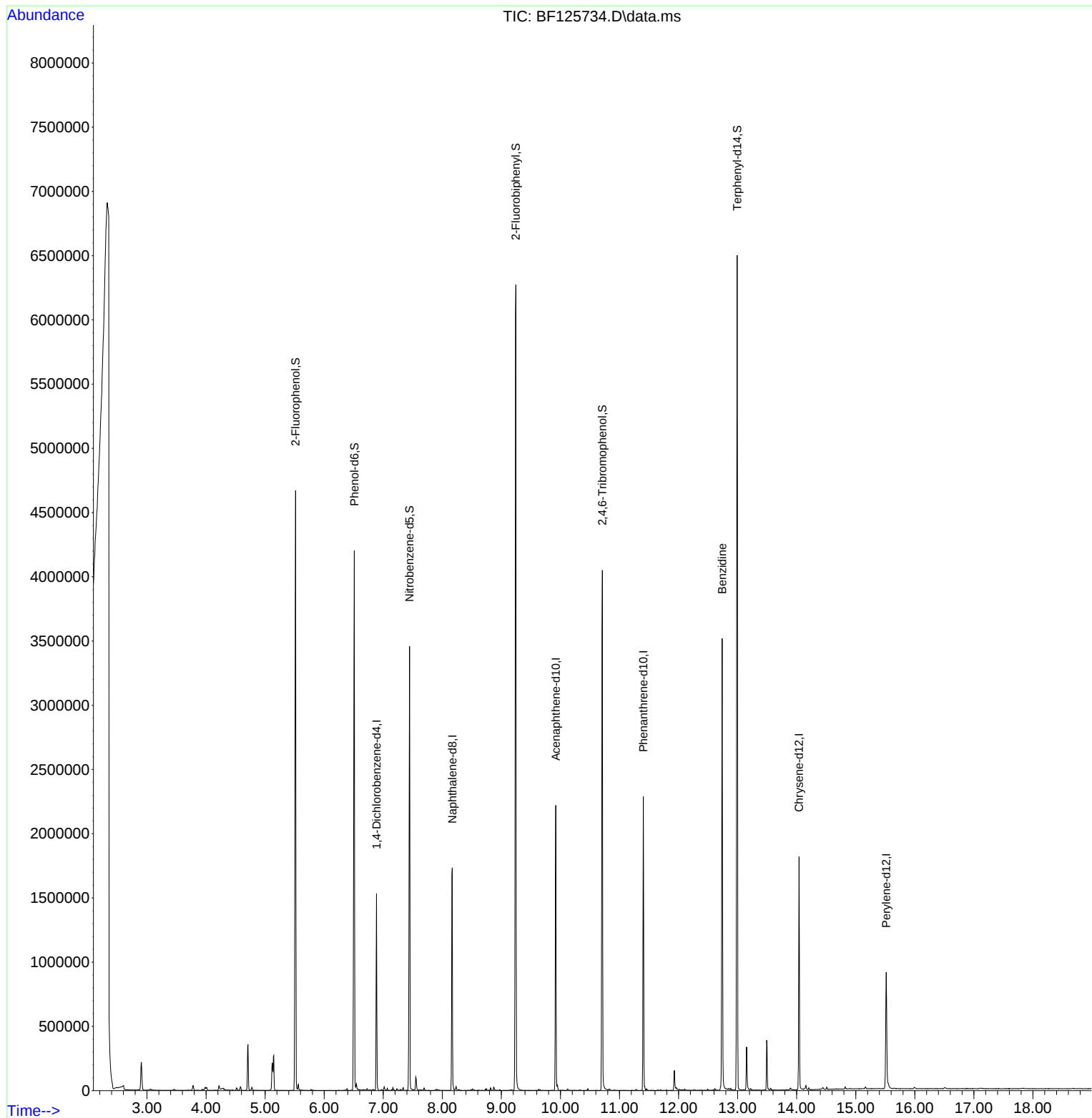
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	212019	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	860829	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	462051	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	794122	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	567948	20.000	ng	0.00
86) Perylene-d12	15.515	264	438181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1487604	115.599	ng	0.01
7) Phenol-d6	6.510	99	1644121	95.031	ng	0.00
23) Nitrobenzene-d5	7.445	82	1166239	94.497	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	575237	133.527	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2240111	87.508	ng	0.00
79) Terphenyl-d14	12.992	244	2462466	75.084	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	1342125	89.954	ng	Qvalue 97

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

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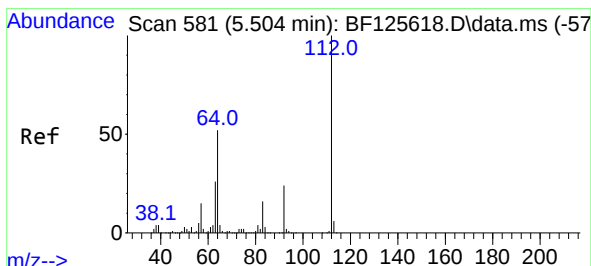
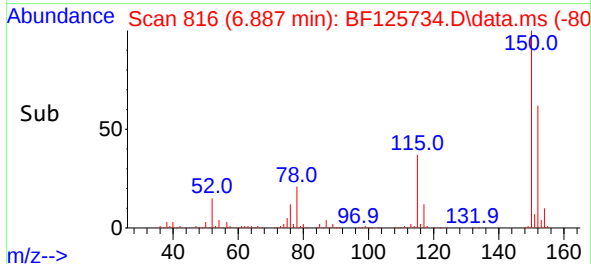
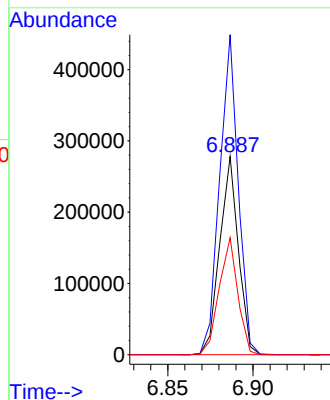
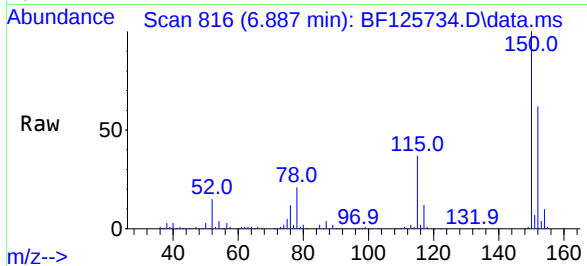




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

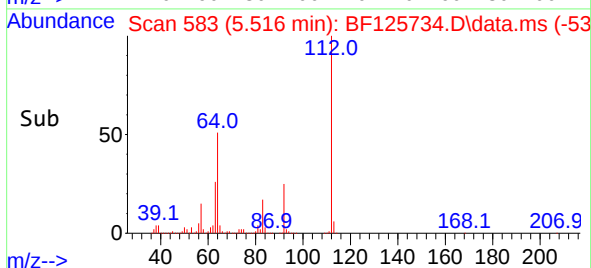
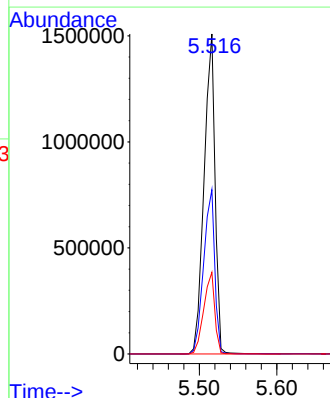
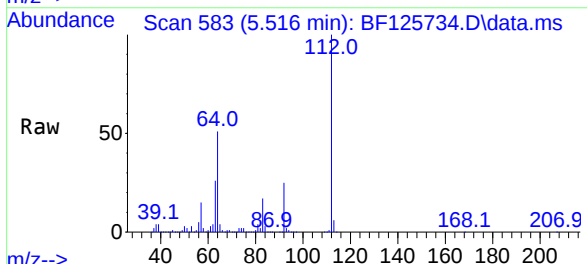
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

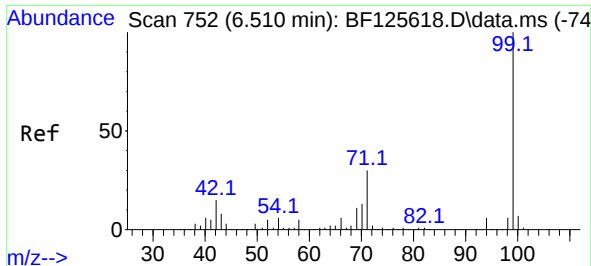
Tgt Ion:152 Resp: 212019
Ion Ratio Lower Upper
152 100
150 161.4 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 115.599 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:112 Resp: 1487604
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 25.5 26.2 39.2#

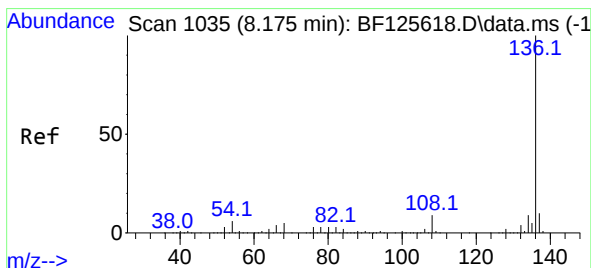
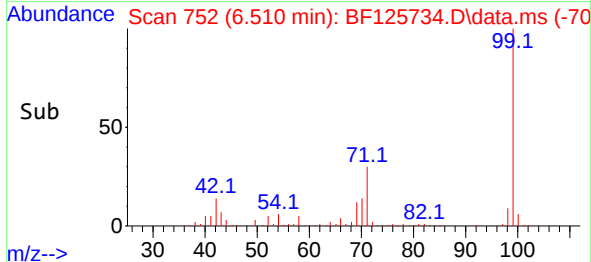
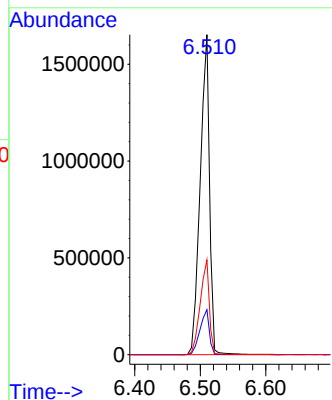
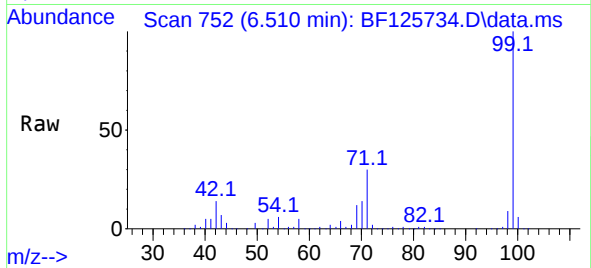




#7
Phenol-d6
Concen: 95.031 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

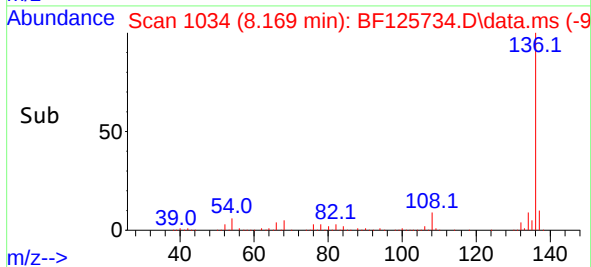
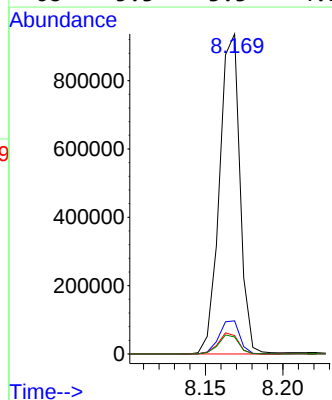
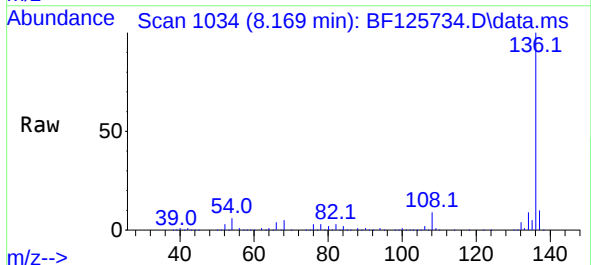
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

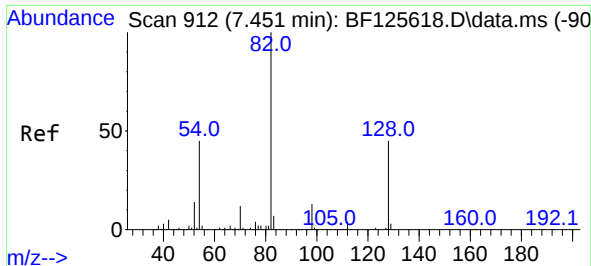
Tgt Ion: 99 Resp: 1644121
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion: 136 Resp: 860829
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.8 6.4 9.6#
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 94.497 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125734.D

Acq: 30 Sep 2021 15:34

Instrument :

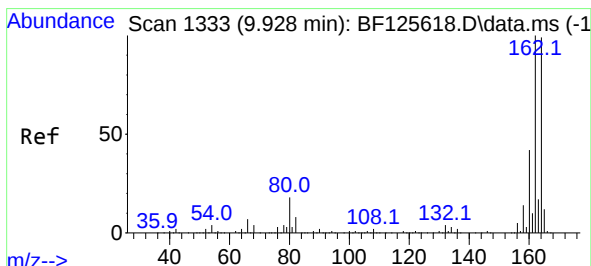
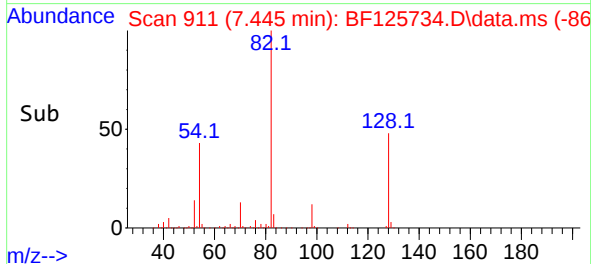
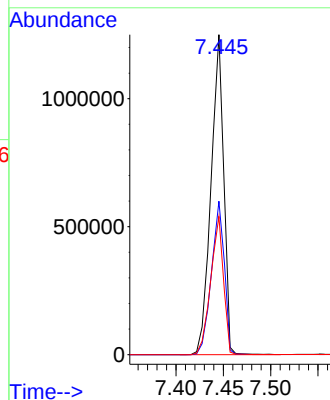
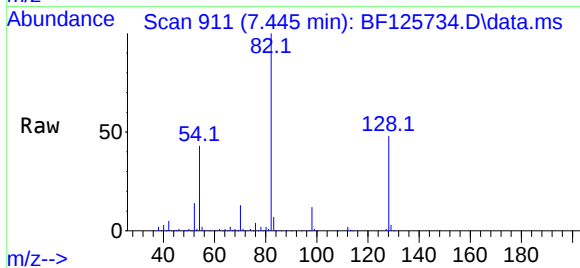
BNA_F

ClientSampleId :

KEARNY-COMP

Tgt Ion: 82 Resp: 1166239

Ion	Ratio	Lower	Upper
82	100		
128	48.0	40.6	60.8
54	43.2	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

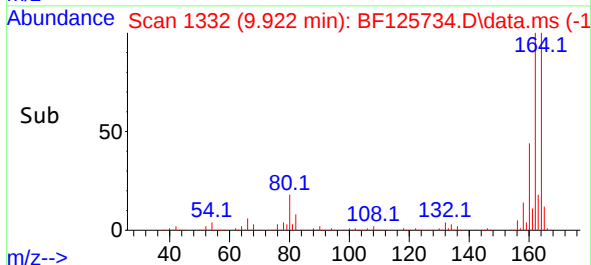
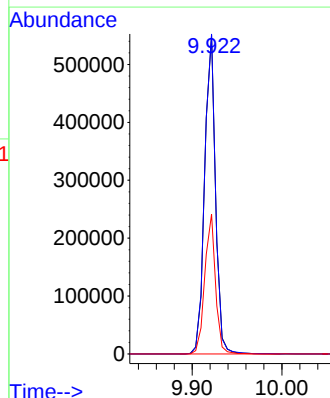
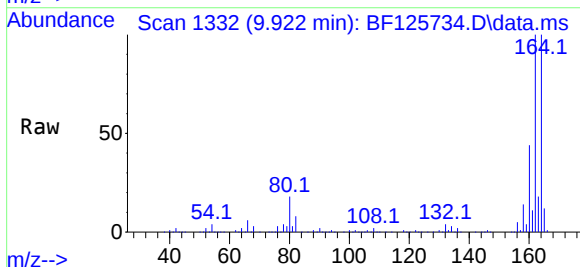
Delta R.T. -0.006 min

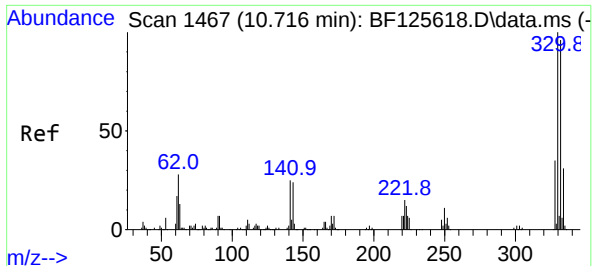
Lab File: BF125734.D

Acq: 30 Sep 2021 15:34

Tgt Ion:164 Resp: 462051

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	43.9	38.0	57.0

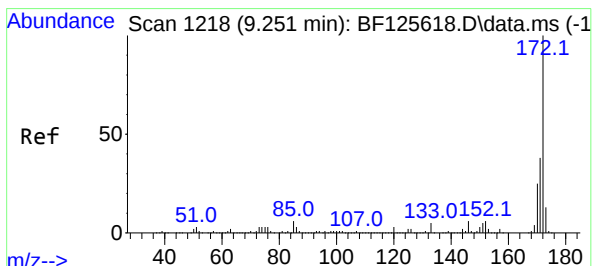
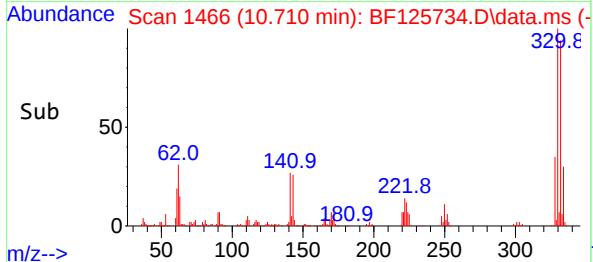
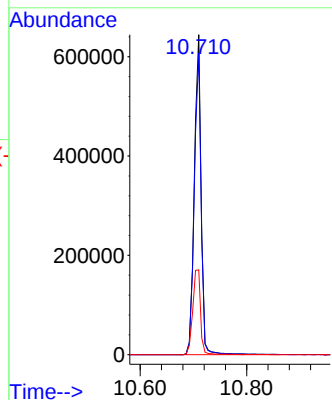
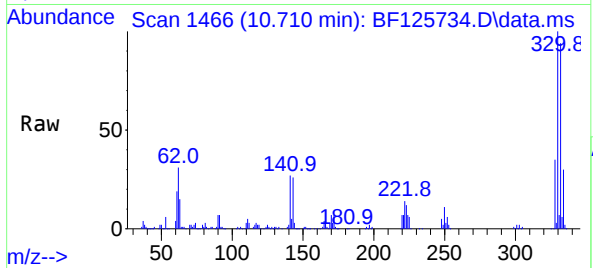




#42
2,4,6-Tribromophenol
Concen: 133.527 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

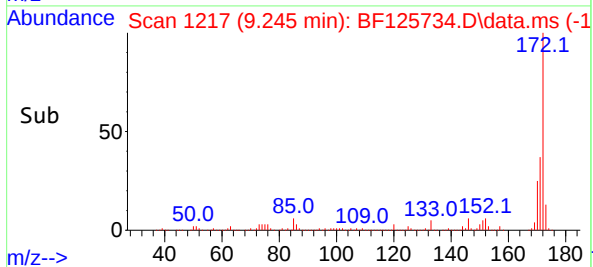
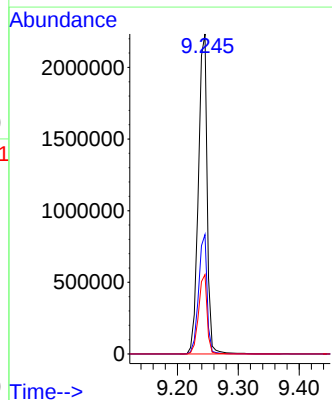
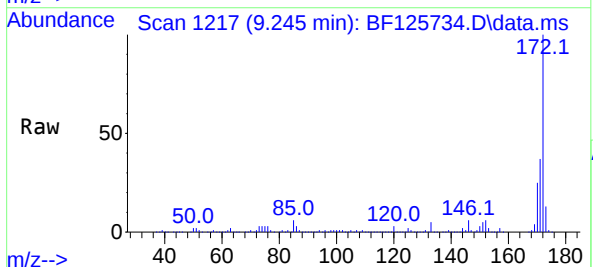
Instrument :
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ClientSampleId :
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Tgt Ion:330 Resp: 575237
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 30.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 87.508 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:172 Resp: 2240111
Ion Ratio Lower Upper
172 100
171 37.3 26.5 39.7
170 24.8 18.8 28.2

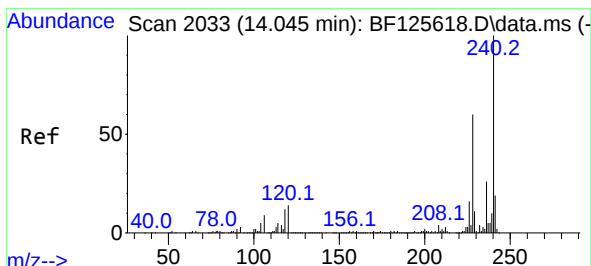
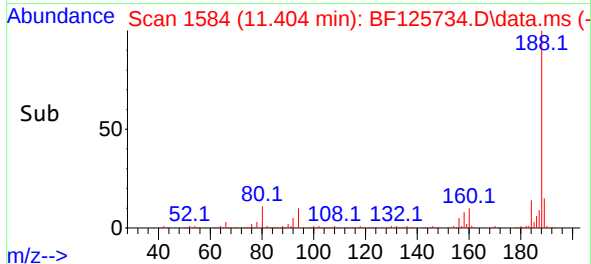
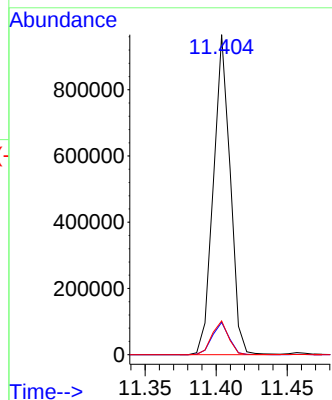
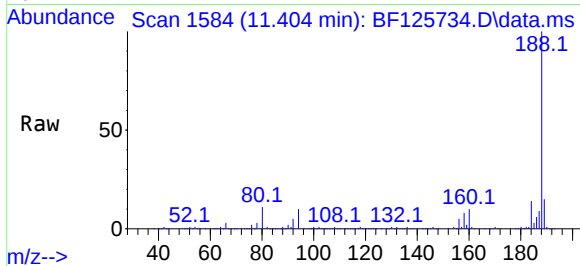




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

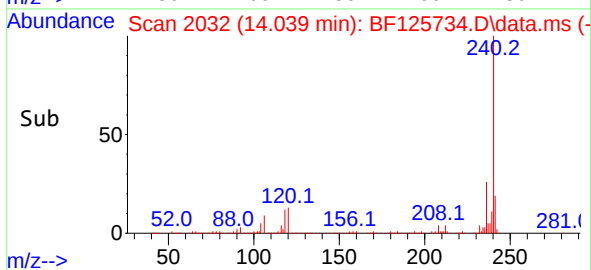
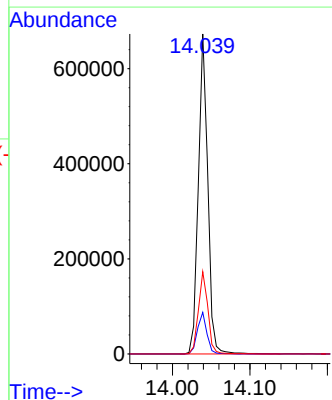
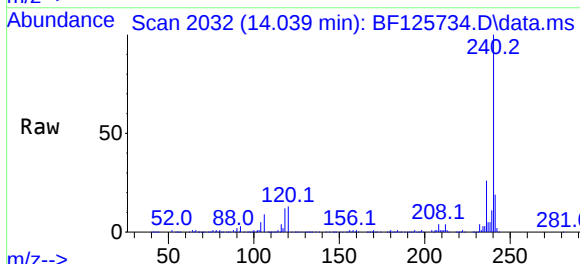
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

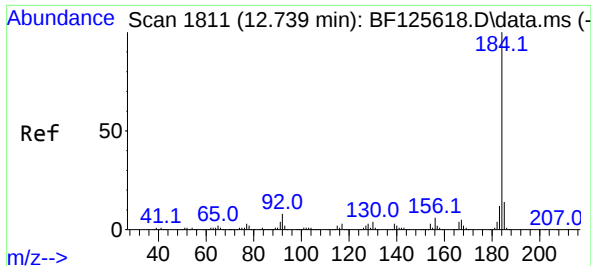
Tgt Ion:188 Resp: 794122
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

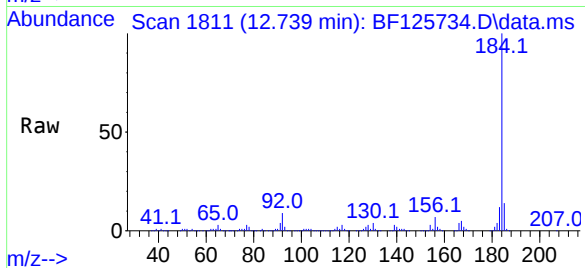
Tgt Ion:240 Resp: 567948
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 25.7 21.6 32.4





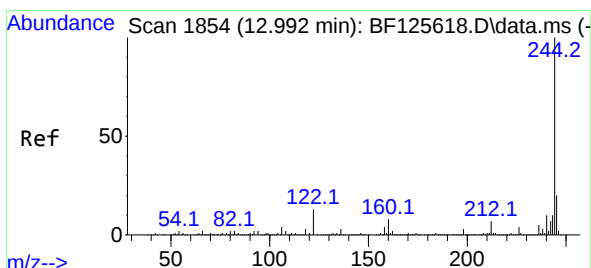
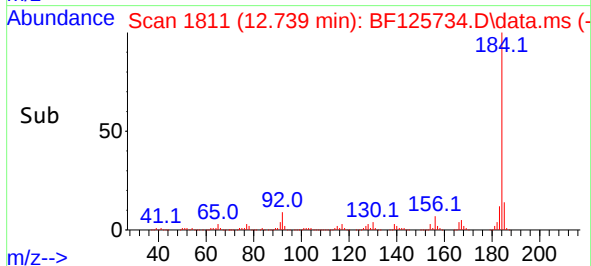
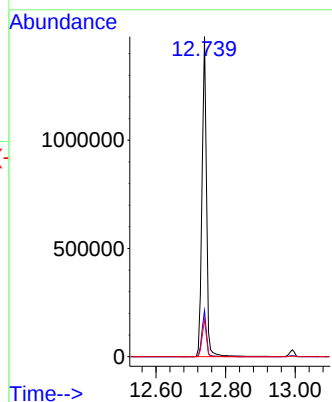
#77
Benzidine
Concen: 89.954 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Instrument :
BNA_F
ClientSampleId :
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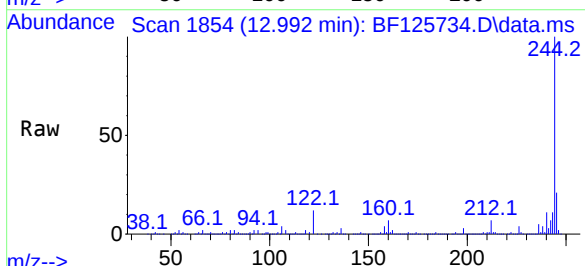


Tgt Ion:184 Resp: 1342125

Ion	Ratio	Lower	Upper
184	100		
185	14.4	10.8	16.2
183	11.7	8.1	12.1

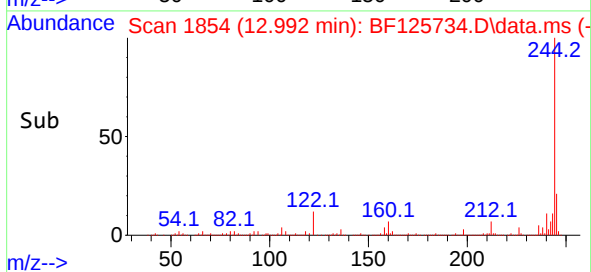
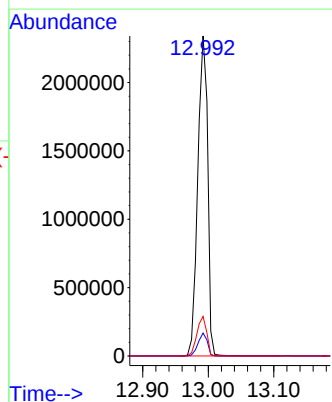


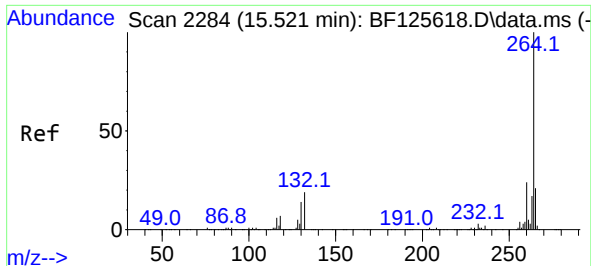
#79
Terphenyl-d14
Concen: 75.084 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34



Tgt Ion:244 Resp: 2462466

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.4	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

Tgt Ion:264 Resp: 438181
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.3 17.2 25.8

