

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125732.D
 Acq On : 30 Sep 2021 14:31
 Operator : JU/CG
 Sample : M3971-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-2

Quant Time: Sep 30 15:16:21 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	6.886	152	200364	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	819818	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	434618	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	769464	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	585095	20.000	ng	0.00
86) Perylene-d12	15.515	264	462756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1421860	116.918	ng	0.01
7) Phenol-d6	6.510	99	1553557	95.020	ng	0.00
23) Nitrobenzene-d5	7.445	82	1103312	93.870	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	558971	137.941	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2128896	88.577	ng	0.00
79) Terphenyl-d14	12.992	244	2455583	72.680	ng	0.00

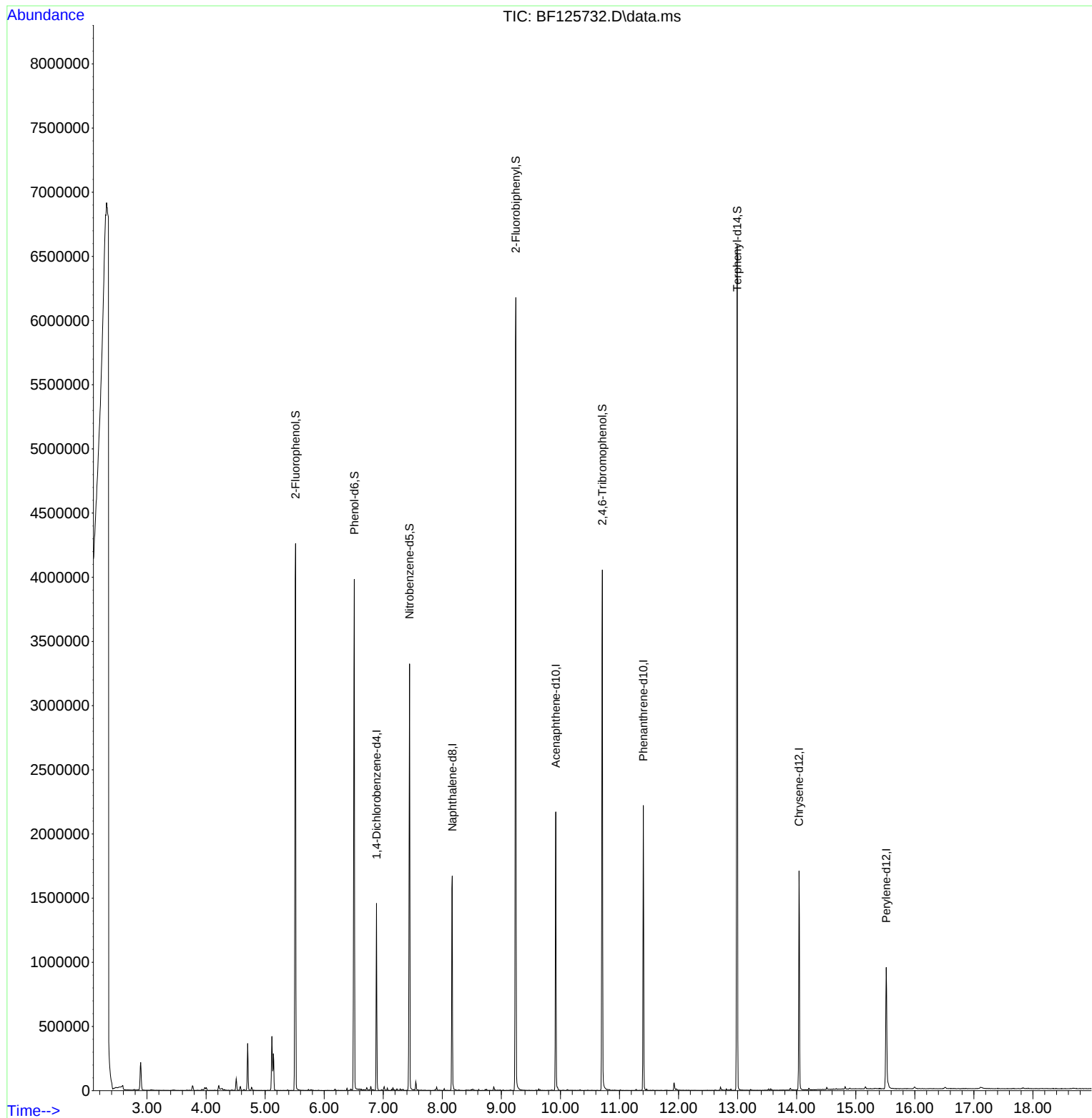
Target Compounds	Qvalue

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

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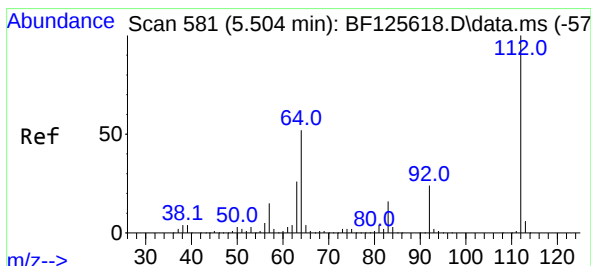
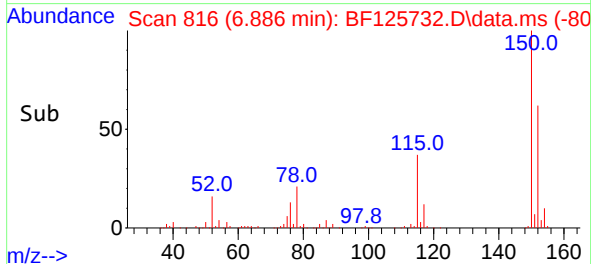
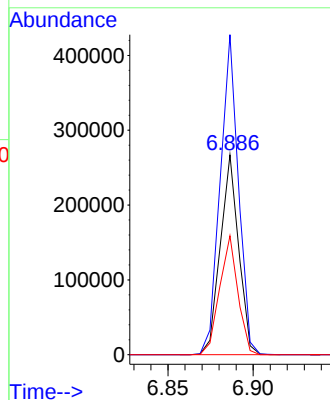
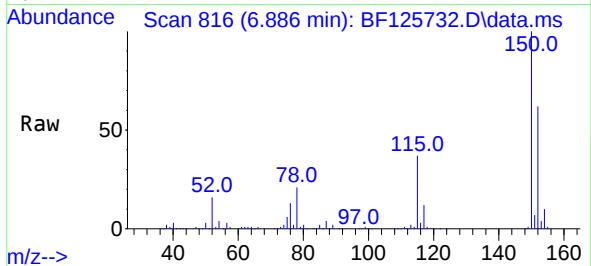




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

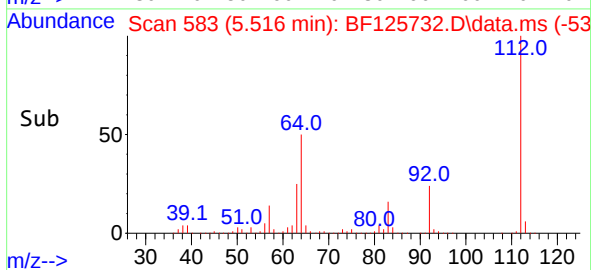
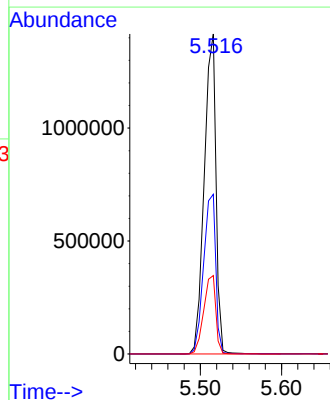
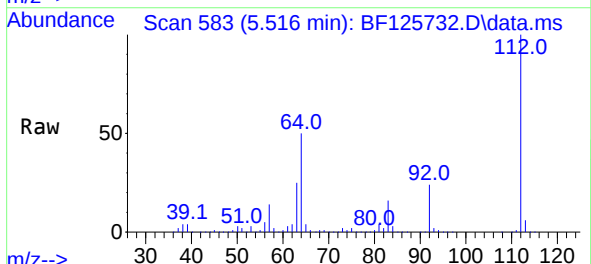
Instrument :
BNA_F
ClientSampled :
RO-COMP-2

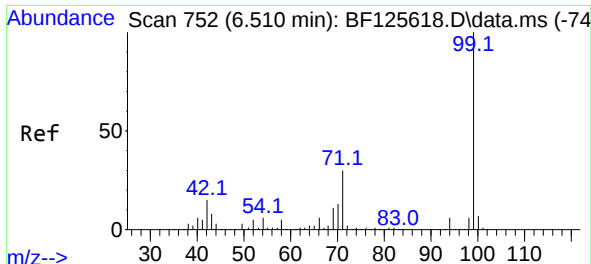
Tgt Ion:152 Resp: 200364
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 116.918 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:112 Resp: 1421860
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 24.5 26.2 39.2#

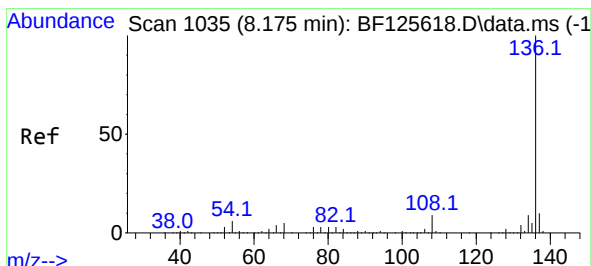
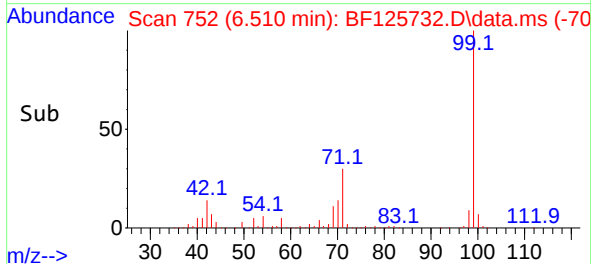
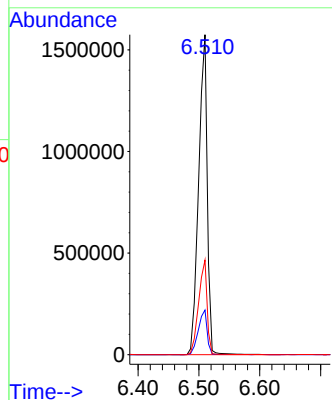
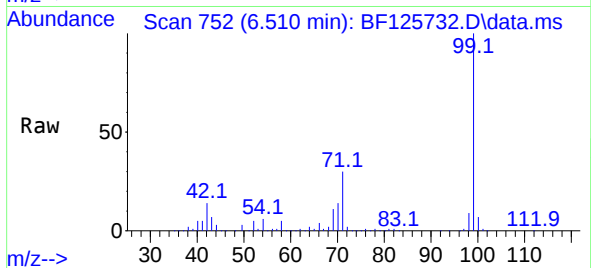




#7
Phenol-d6
Concen: 95.020 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

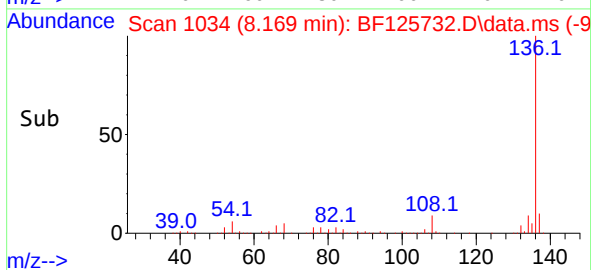
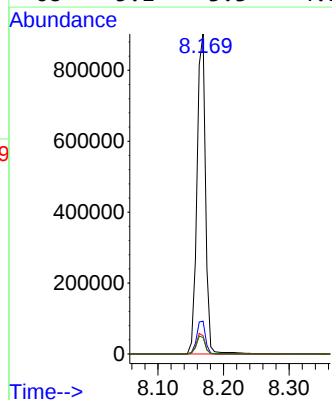
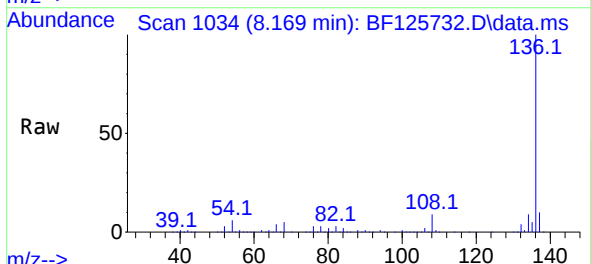
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion: 99 Resp: 1553557
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 29.5 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: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion: 136 Resp: 819818
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 5.7 6.4 9.6#
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 93.870 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125732.D

Acq: 30 Sep 2021 14:31

Instrument :

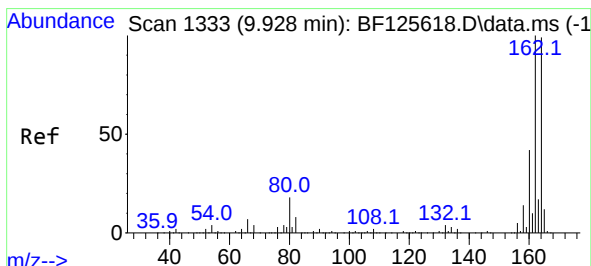
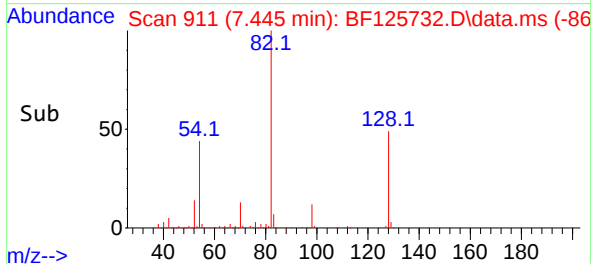
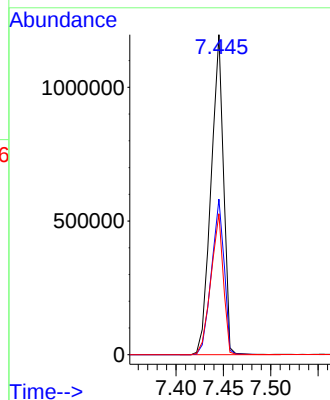
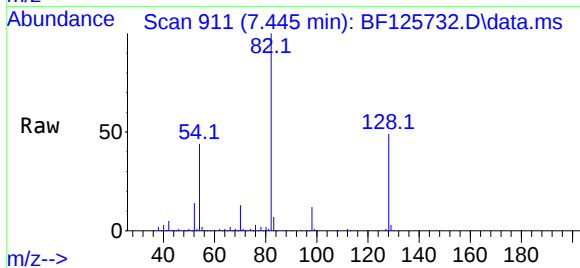
BNA_F

ClientSampleId :

RO-COMP-2

Tgt Ion: 82 Resp: 1103312

Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.6	60.8
54	44.0	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

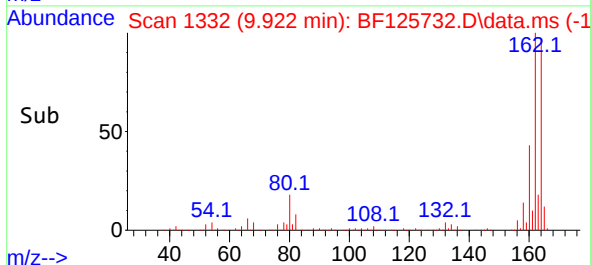
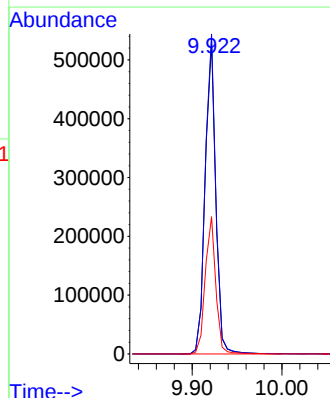
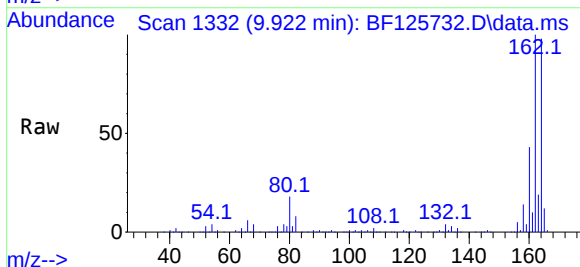
Delta R.T. -0.006 min

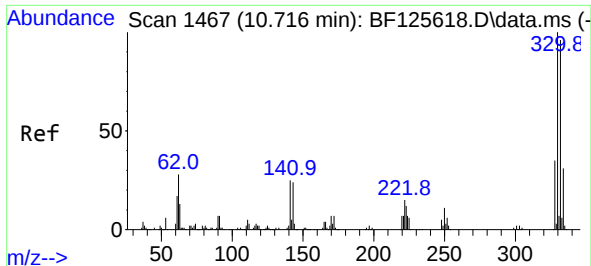
Lab File: BF125732.D

Acq: 30 Sep 2021 14:31

Tgt Ion:164 Resp: 434618

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	44.0	38.0	57.0

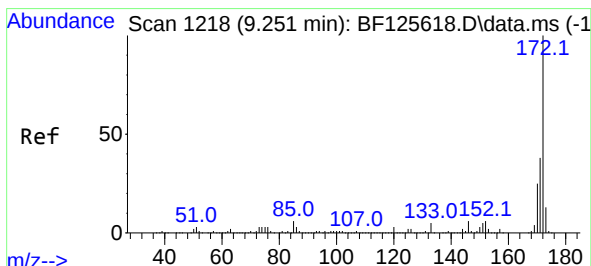
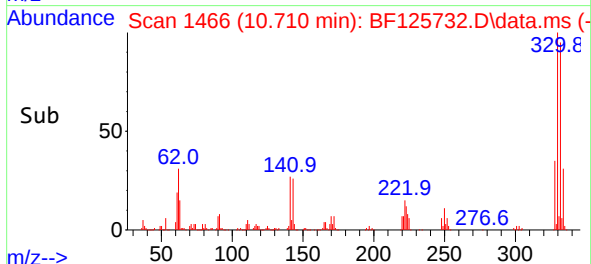
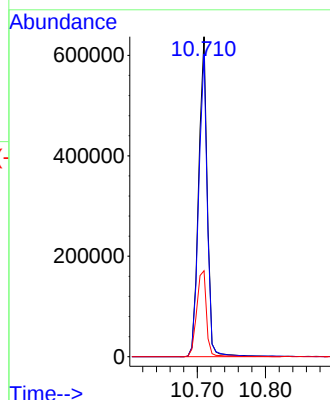
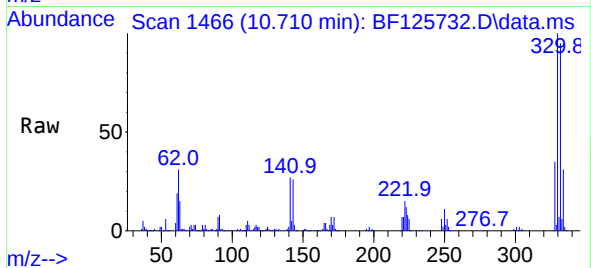




#42
2,4,6-Tribromophenol
Concen: 137.941 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

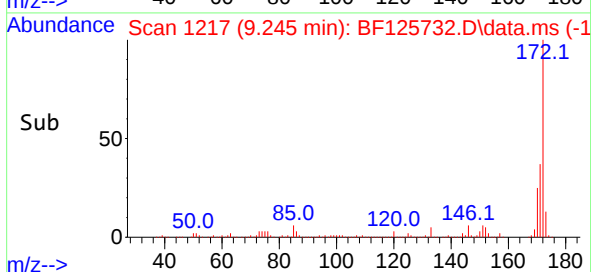
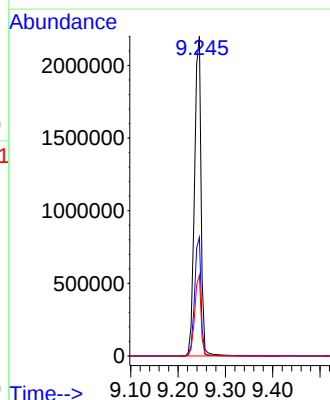
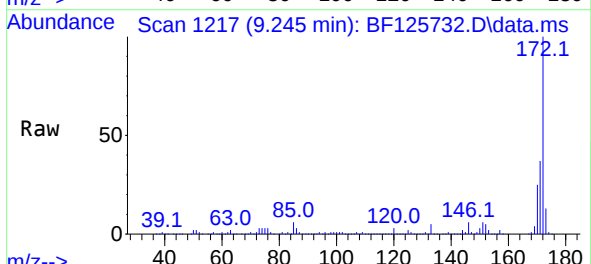
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

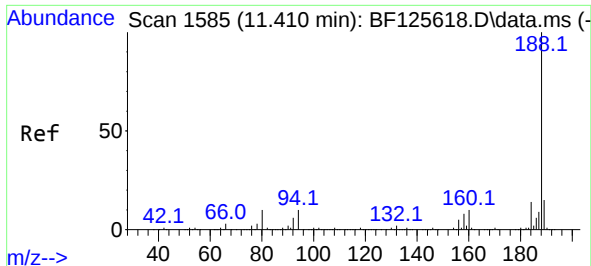
Tgt Ion:330 Resp: 558971
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 88.577 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:172 Resp: 2128896
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 25.2 18.8 28.2

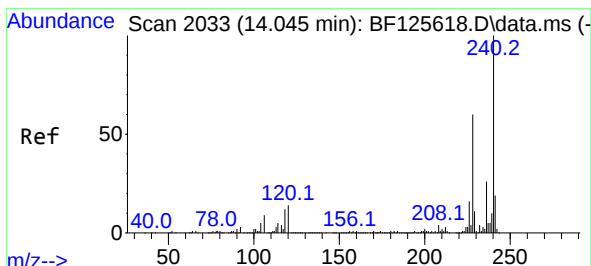
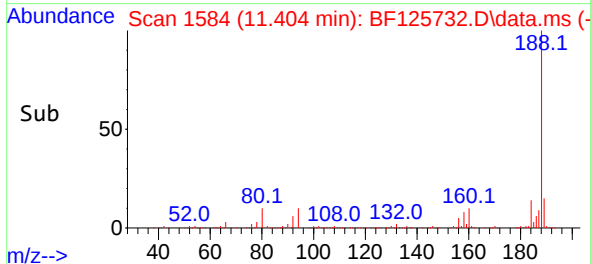
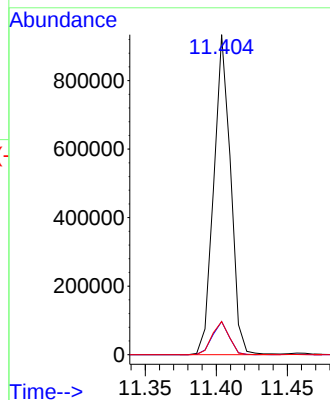
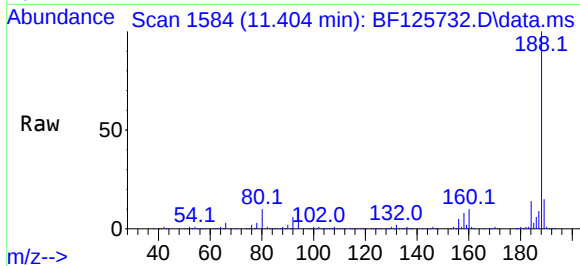




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

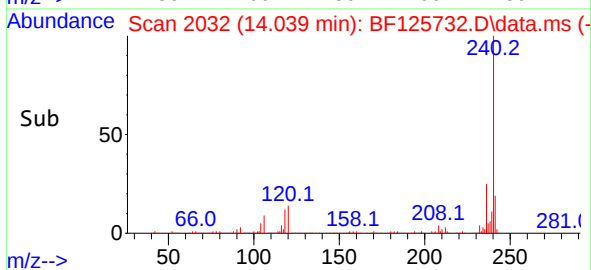
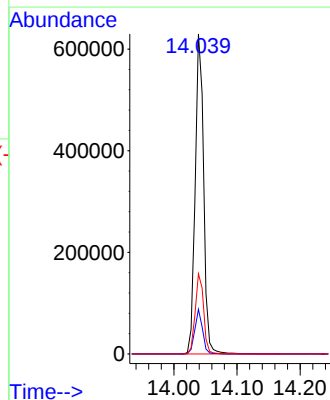
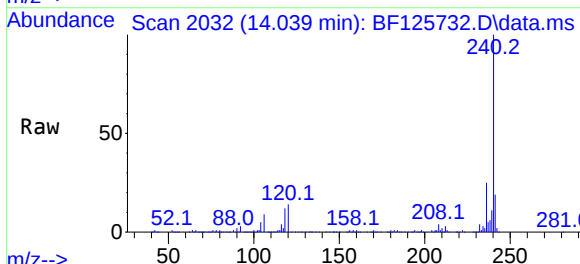
Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

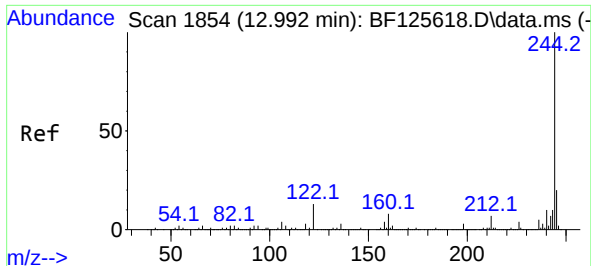
Tgt Ion:188 Resp: 769464
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125732.D
Acq: 30 Sep 2021 14:31

Tgt Ion:240 Resp: 585095
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 25.0 21.6 32.4

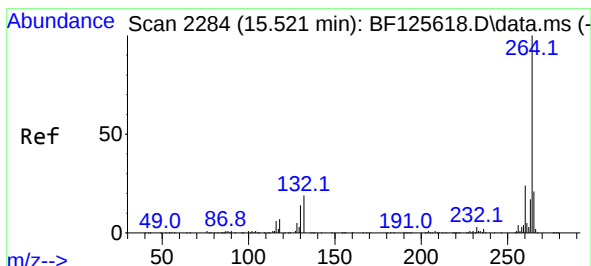
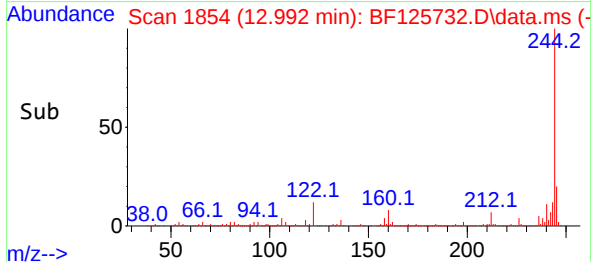
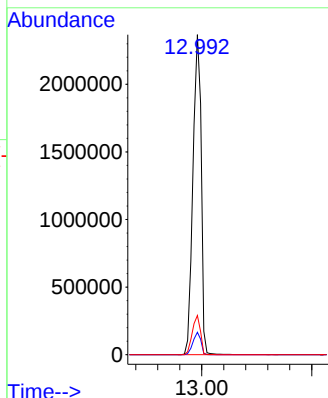
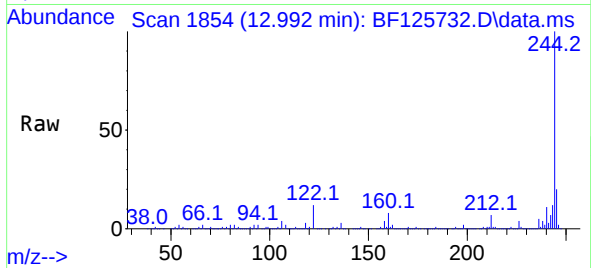




#79
 Terphenyl-d14
 Concen: 72.680 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125732.D
 Acq: 30 Sep 2021 14:31

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2455583
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.2 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: BF125732.D
 Acq: 30 Sep 2021 14:31

Tgt Ion:264 Resp: 462756
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.1 17.2 25.8

