

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124916.D
 Acq On : 3 Aug 2021 15:35
 Operator : JU/CG
 Sample : PB138115BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138115BL

Quant Time: Aug 03 16:28:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	8165	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	32405	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	18558	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	34030	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	25603	20.000	ng	#-0.02
86) Perylene-d12	15.468	264	21138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	52893	109.683	ng	0.00
7) Phenol-d6	6.475	99	61571	101.845	ng	-0.01
23) Nitrobenzene-d5	7.410	82	40689	74.733	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	16770	105.248	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	84211	66.648	ng	-0.01
79) Terphenyl-d14	12.957	244	100870	67.534	ng	0.00

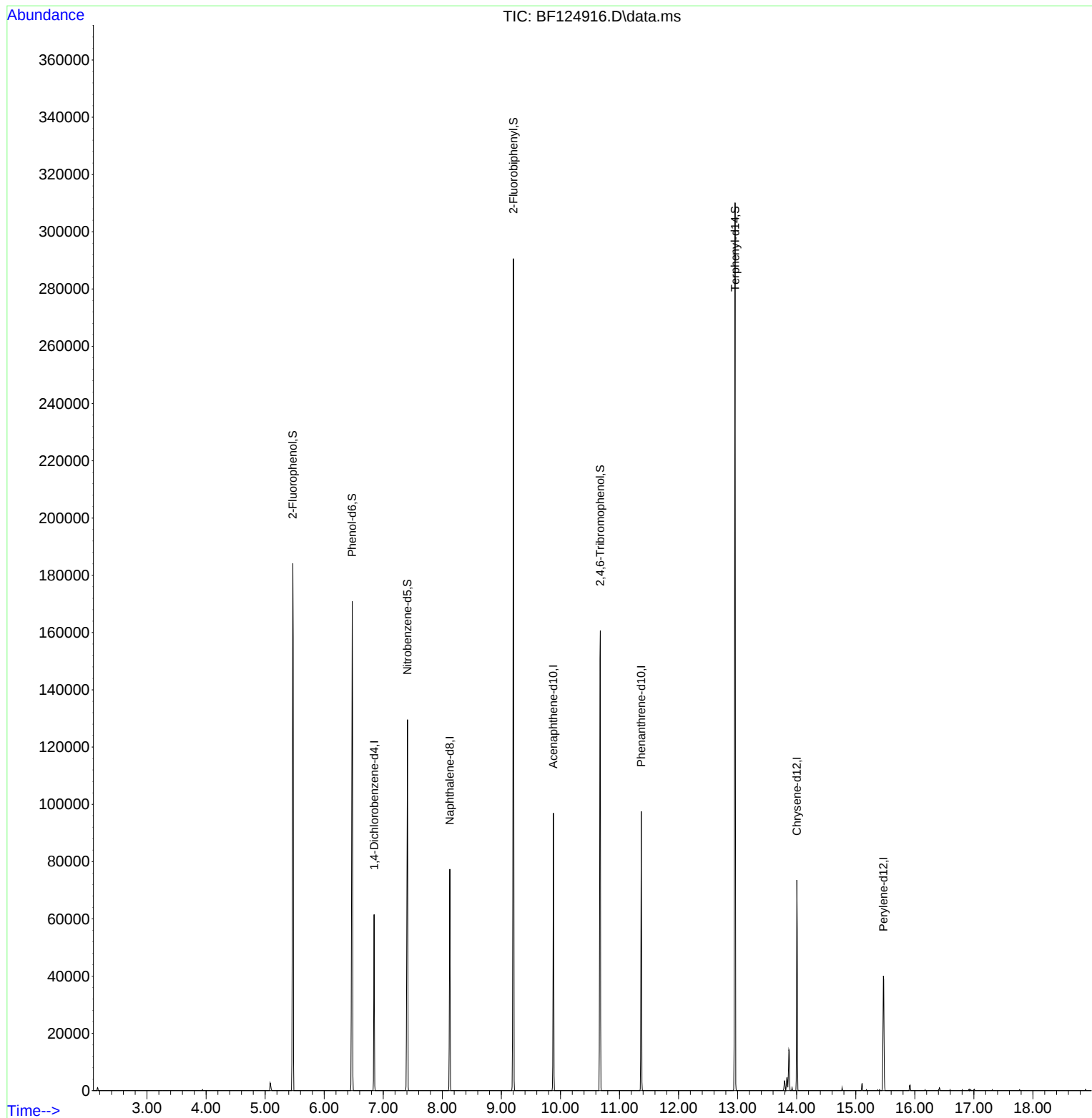
Target Compounds	Qvalue

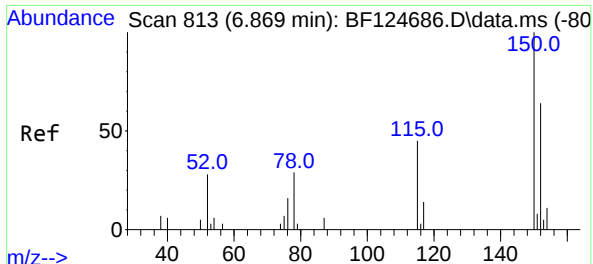
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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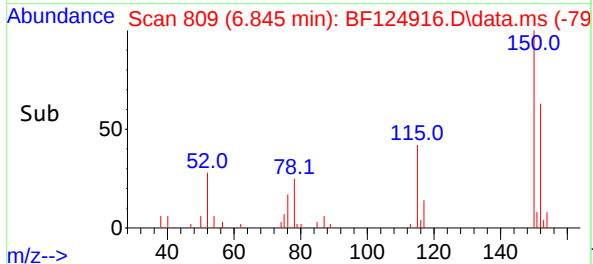
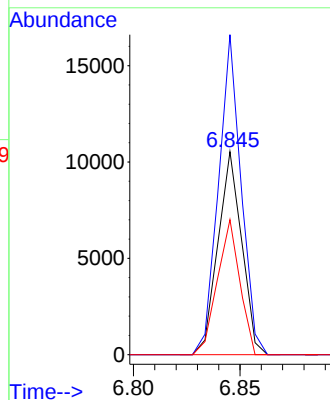
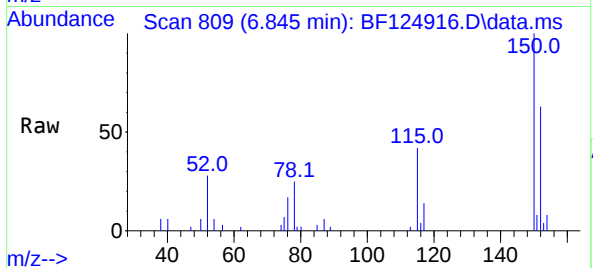




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

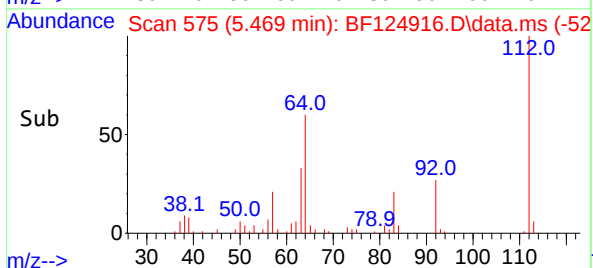
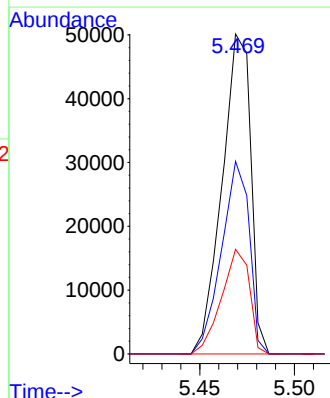
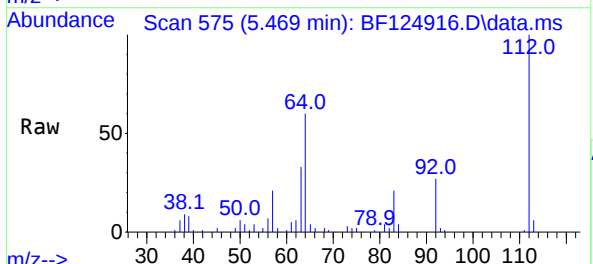
Instrument :
BNA_F
ClientSampleId :
PB138115BL

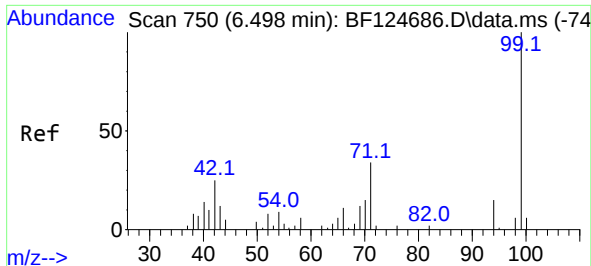
Tgt Ion:152 Resp: 8165
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 109.683 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:112 Resp: 52893
Ion Ratio Lower Upper
112 100
64 60.2 44.2 66.2
63 32.7 26.2 39.2

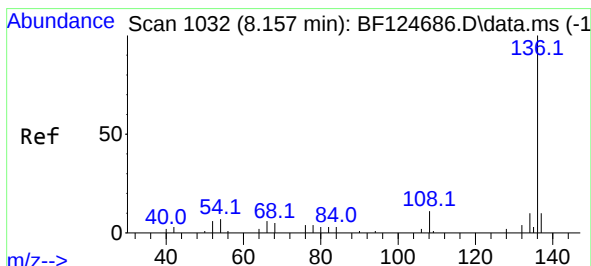
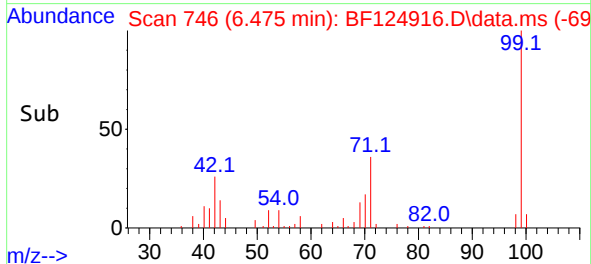
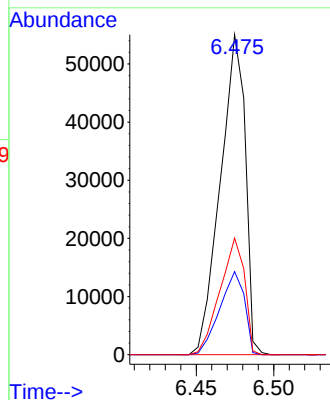
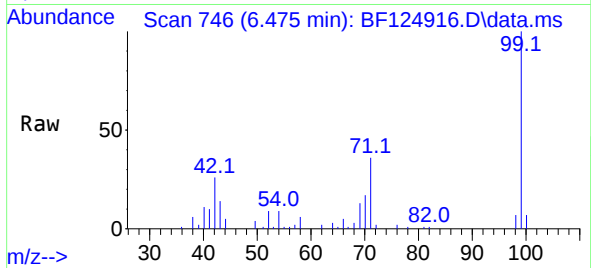




#7
Phenol-d6
Concen: 101.845 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

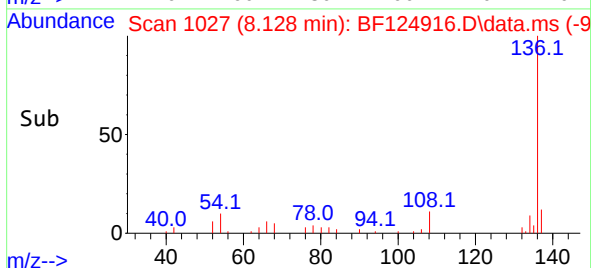
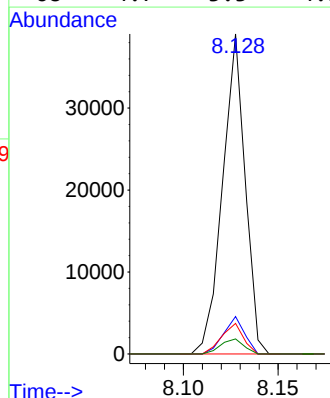
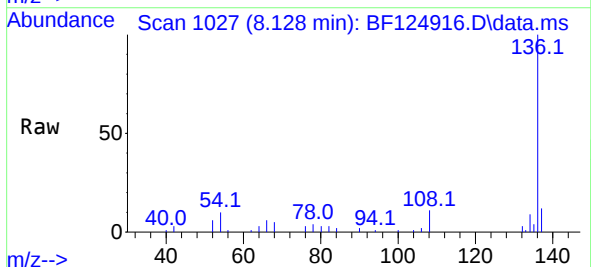
Instrument :
BNA_F
ClientSampleId :
PB138115BL

Tgt Ion: 99 Resp: 61571
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 36.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion: 136 Resp: 32405
Ion Ratio Lower Upper
136 100
137 11.7 9.8 14.6
54 9.6 6.4 9.6
68 4.7 3.3 4.9





#23

Nitrobenzene-d5

Concen: 74.733 ng

RT: 7.410 min Scan# 905

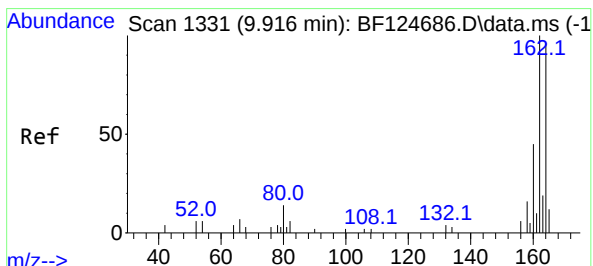
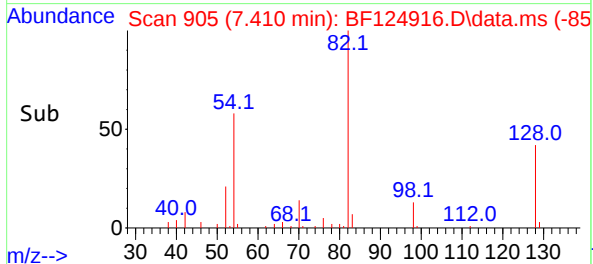
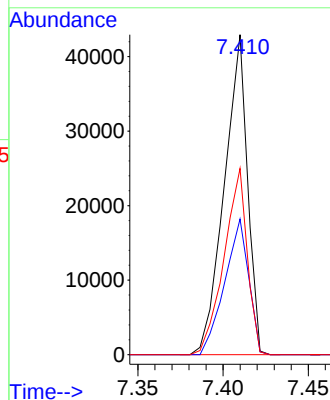
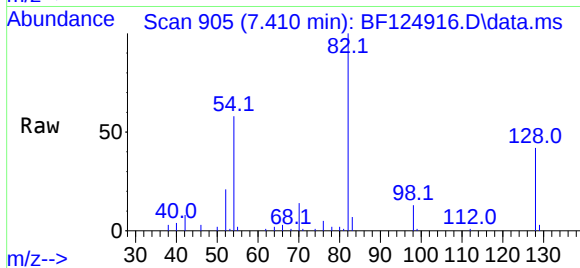
Delta R.T. -0.018 min

Lab File: BF124916.D

Acq: 3 Aug 2021 15:35

Tgt Ion: 82 Resp: 40689

Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	60.8
54	58.2	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

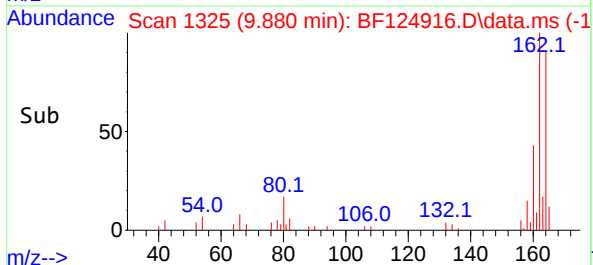
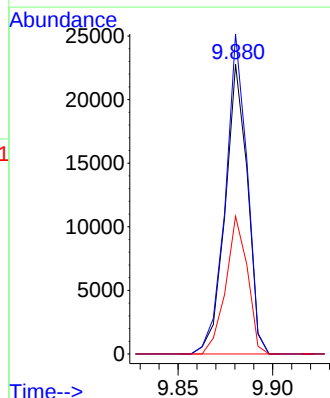
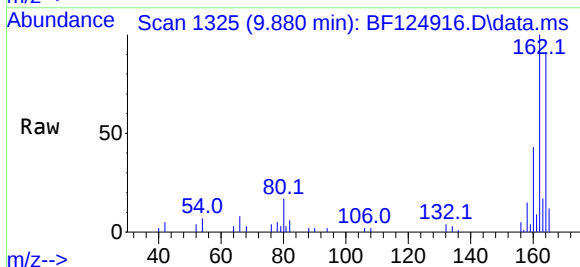
Delta R.T. -0.012 min

Lab File: BF124916.D

Acq: 3 Aug 2021 15:35

Tgt Ion: 164 Resp: 18558

Ion	Ratio	Lower	Upper
164	100		
162	110.4	81.3	121.9
160	47.6	38.0	57.0

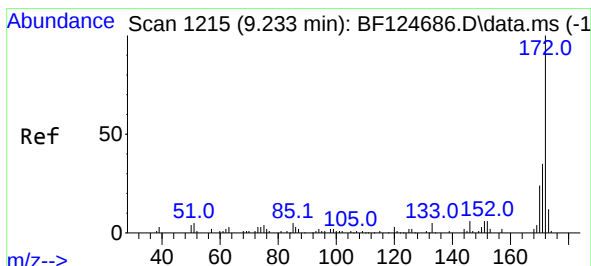
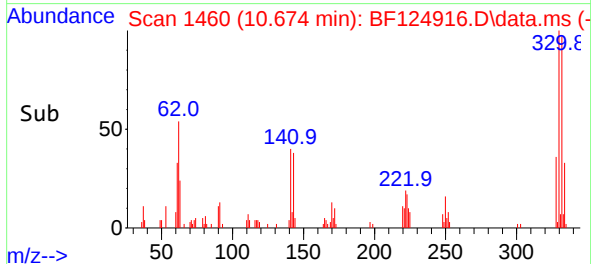
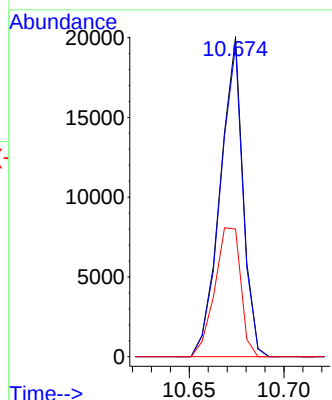
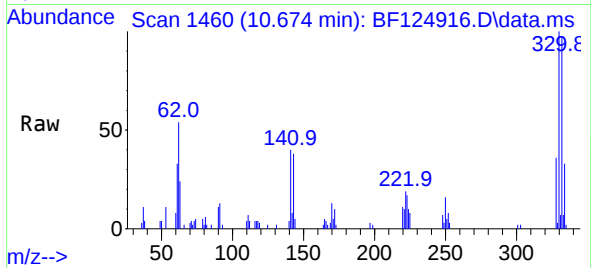




#42
2,4,6-Tribromophenol
Concen: 105.248 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

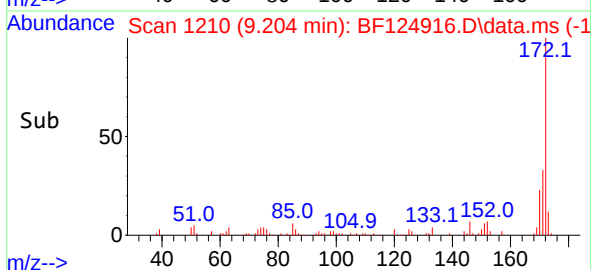
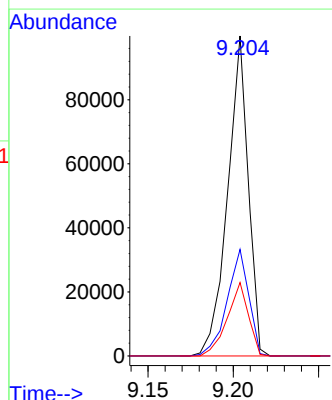
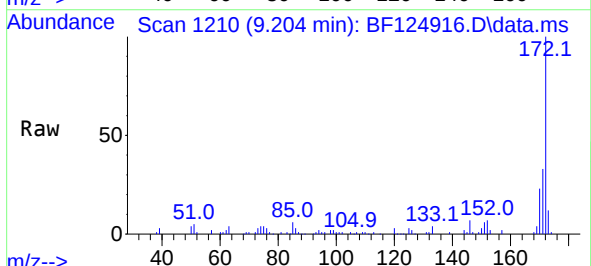
Instrument :
BNA_F
ClientSampleId :
PB138115BL

Tgt Ion:330 Resp: 16770
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 46.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 66.648 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:172 Resp: 84211
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 22.9 18.8 28.2

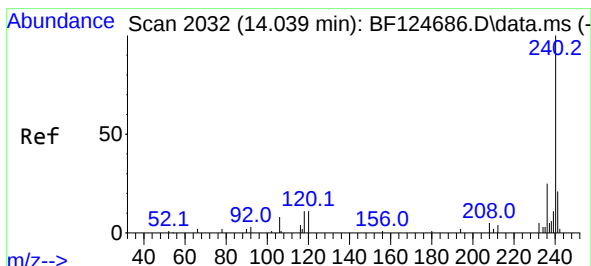
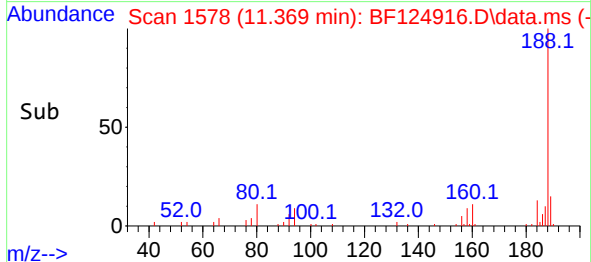
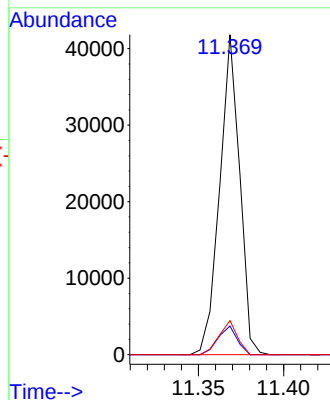
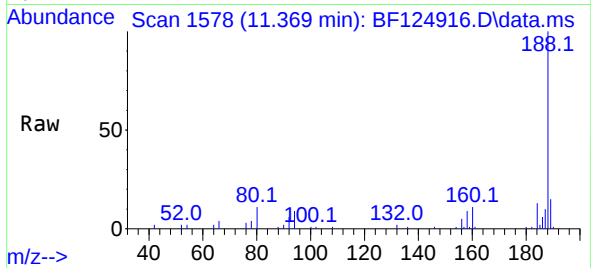




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

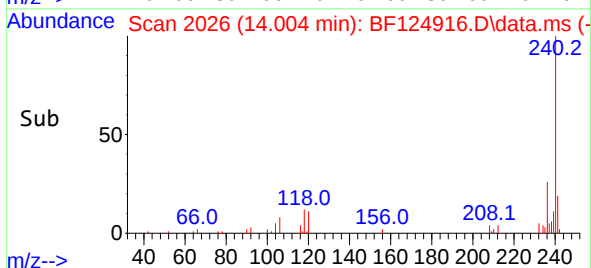
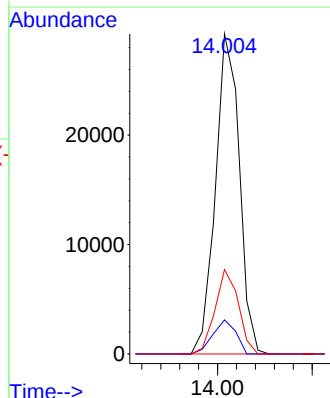
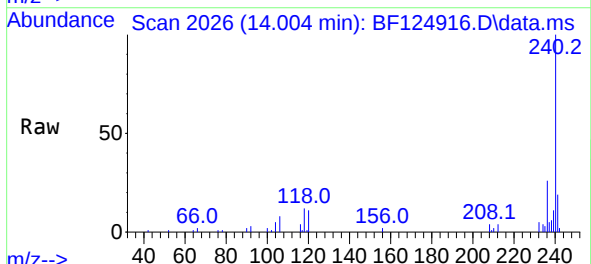
Instrument :
BNA_F
ClientSampleId :
PB138115BL

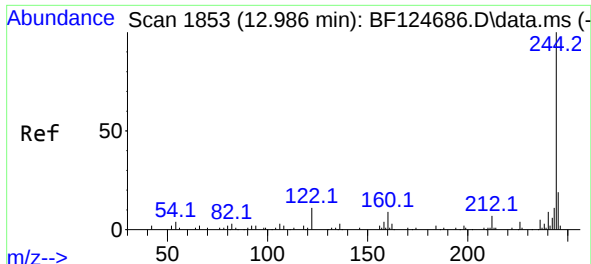
Tgt Ion:188 Resp: 34030
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:240 Resp: 25603
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 26.4 21.6 32.4

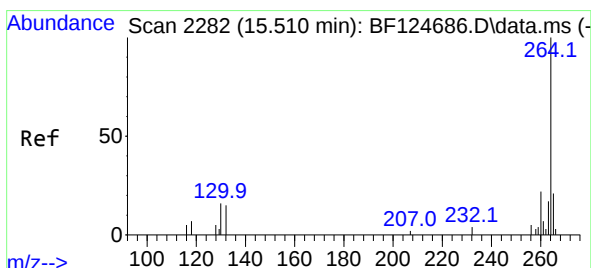
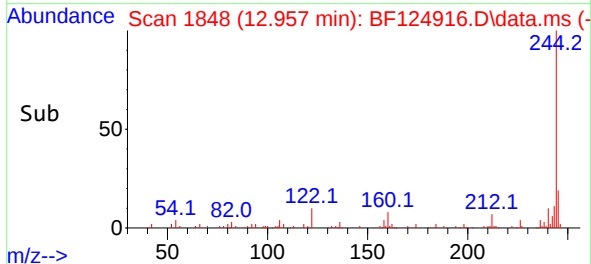
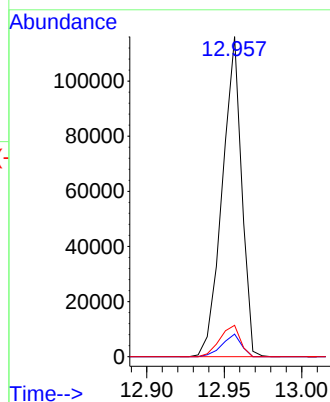
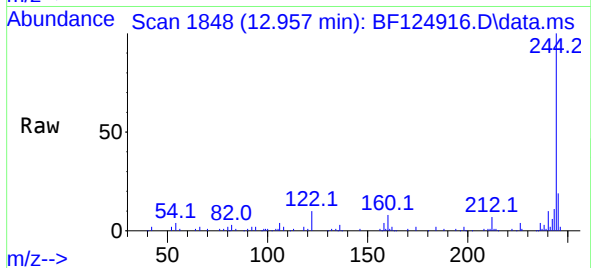




#79
Terphenyl-d14
Concen: 67.534 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Instrument :
BNA_F
ClientSampleId :
PB138115BL

Tgt Ion:244 Resp: 100870
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:264 Resp: 21138
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 19.8 17.2 25.8

