

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132915.D
 Acq On : 19 Apr 2023 16:54
 Operator : CG\JU
 Sample : PB152211BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BL

Quant Time: Apr 20 01:47:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	359281	20.000	ng	0.00
21) Naphthalene-d8	8.046	136	1517309	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	817815	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1459757	20.000	ng	0.00
76) Chrysene-d12	13.916	240	977591	20.000	ng	#-0.01
86) Perylene-d12	15.351	264	894928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2813544	122.452	ng	0.02
7) Phenol-d6	6.399	99	3523290	120.170	ng	0.00
23) Nitrobenzene-d5	7.334	82	2243627	77.076	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	1010823	123.230	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3652229	68.605	ng	0.00
79) Terphenyl-d14	12.881	244	4347344	75.869	ng	0.00

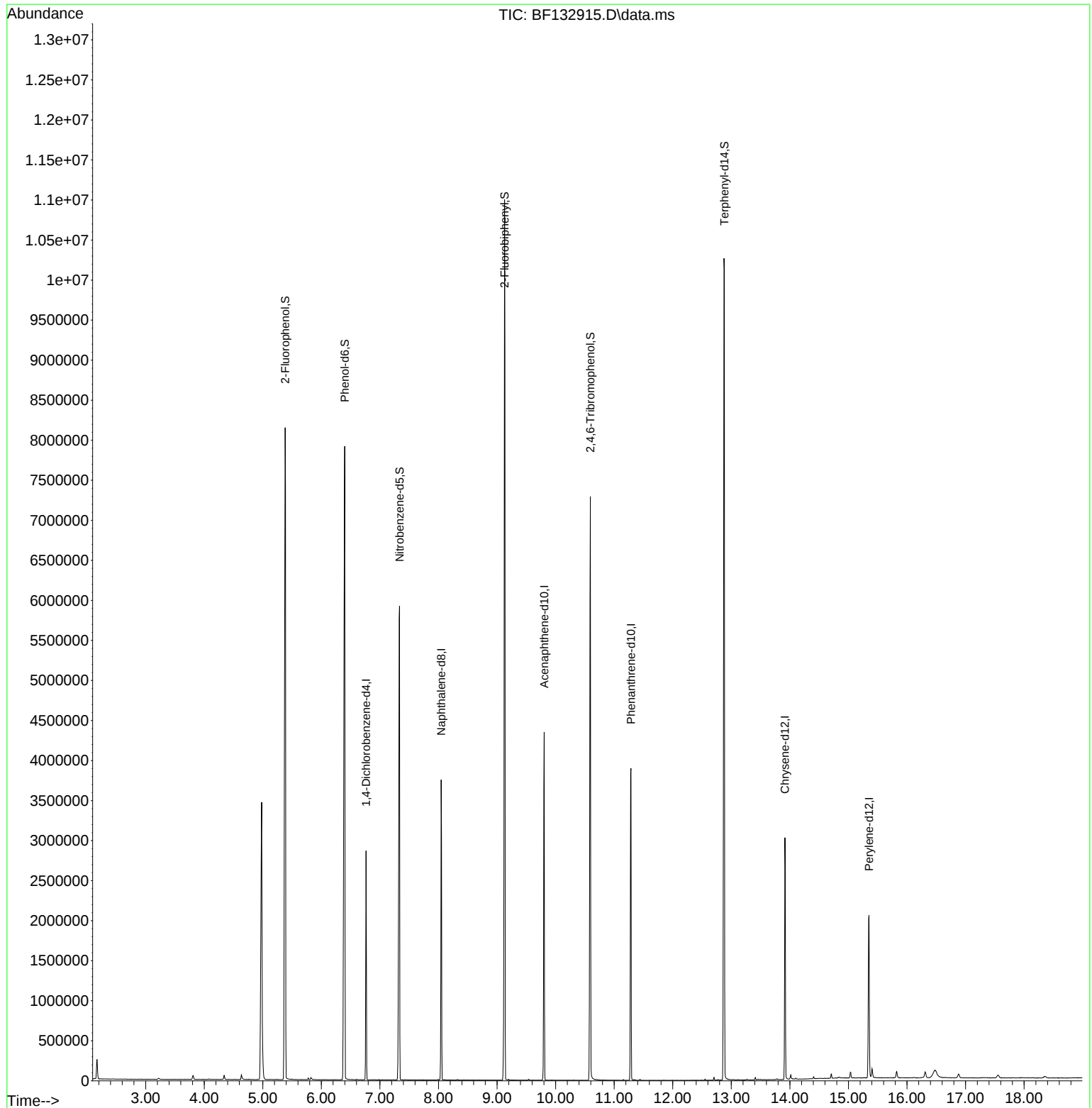
Target Compounds Qvalue

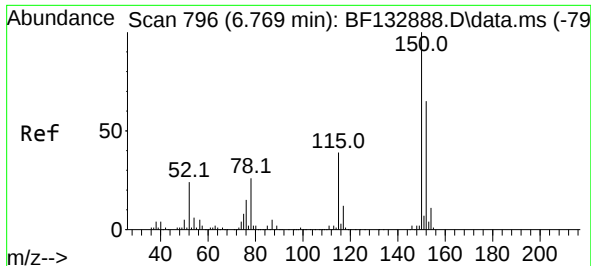
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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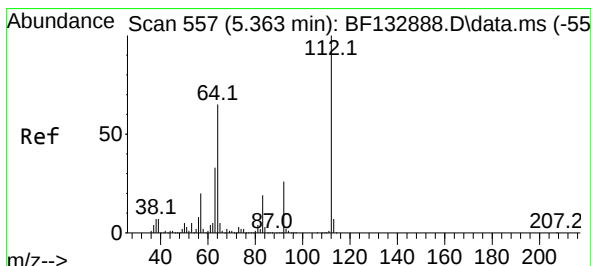
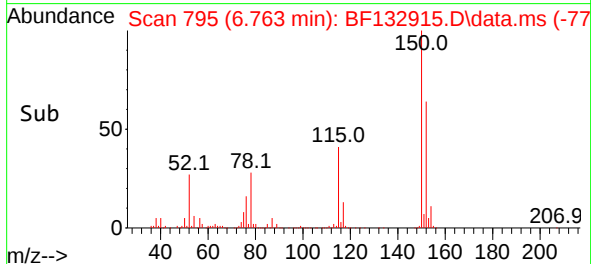
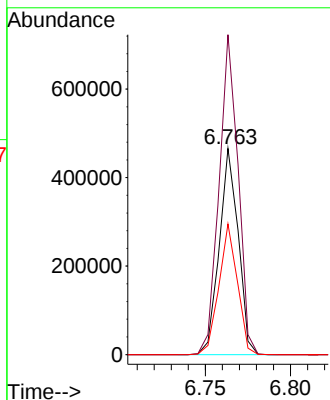
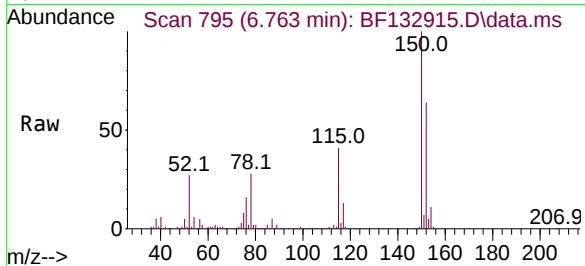




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

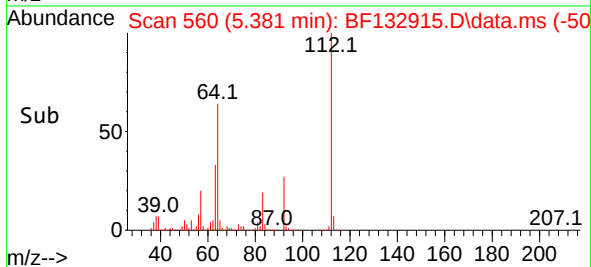
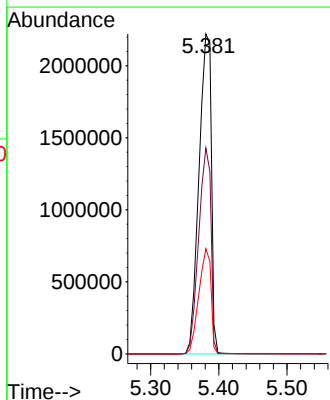
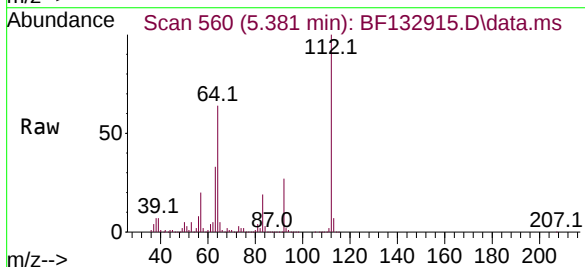
Instrument :
BNA_F
ClientSampleId :
PB152211BL

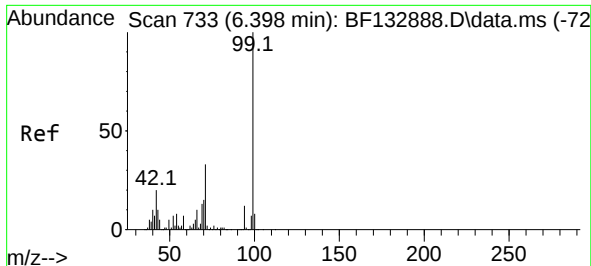
Tgt Ion:152 Resp: 359281
Ion Ratio Lower Upper
152 100
150 155.2 122.8 184.2
115 63.4 47.3 70.9



#5
2-Fluorophenol
Concen: 122.452 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

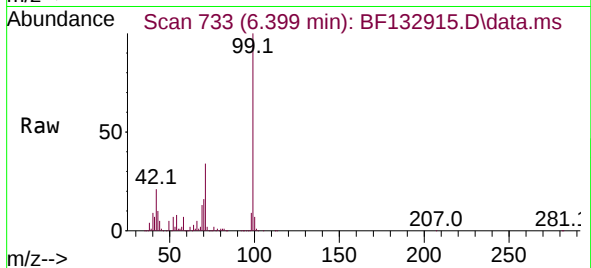
Tgt Ion:112 Resp: 2813544
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.8
63 32.9 26.3 39.5





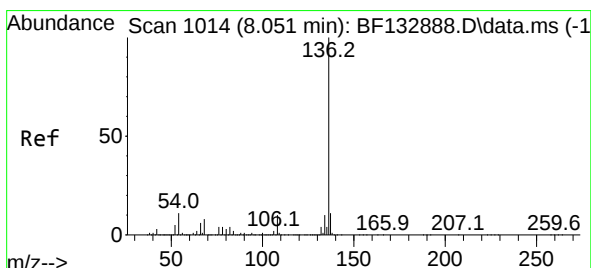
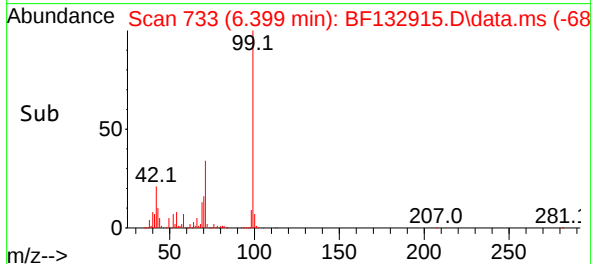
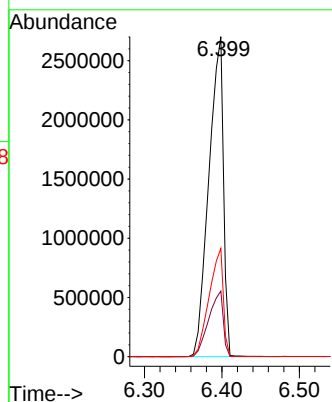
#7
Phenol-d6
Concen: 120.170 ng
RT: 6.399 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Instrument :
BNA_F
ClientSampleId :
PB152211BL



Tgt Ion: 99 Resp: 3523290

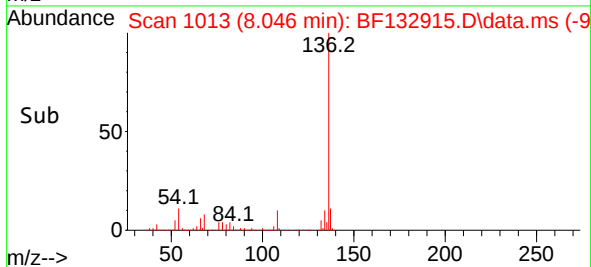
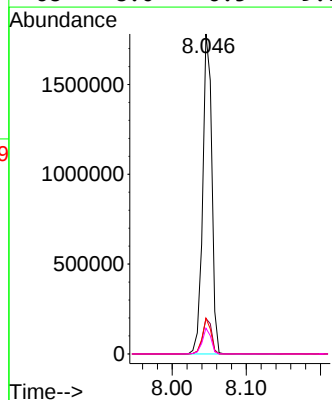
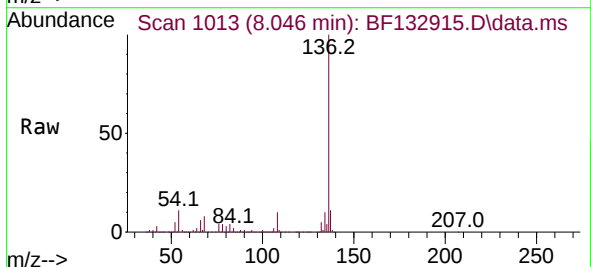
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.1	24.1
71	33.8	26.1	39.1

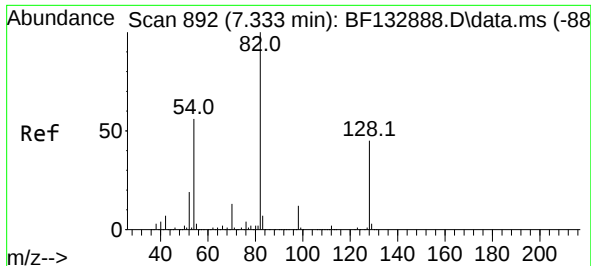


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.046 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion: 136 Resp: 1517309

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	11.1	8.9	13.3
68	8.0	6.5	9.7





#23

Nitrobenzene-d5

Concen: 77.076 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF132915.D

Acq: 19 Apr 2023 16:54

Instrument :

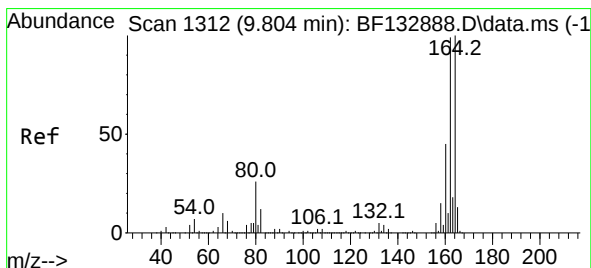
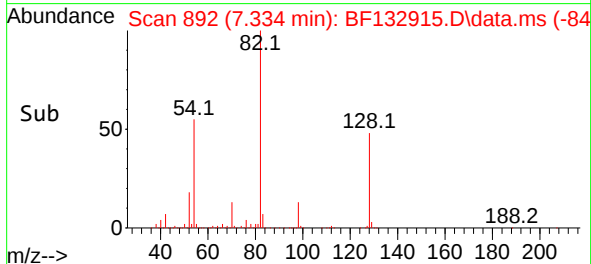
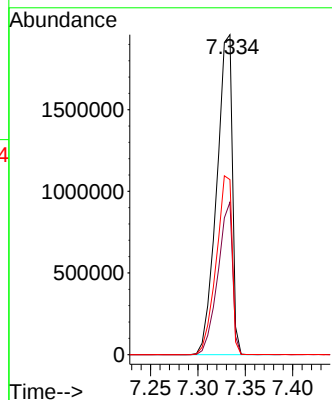
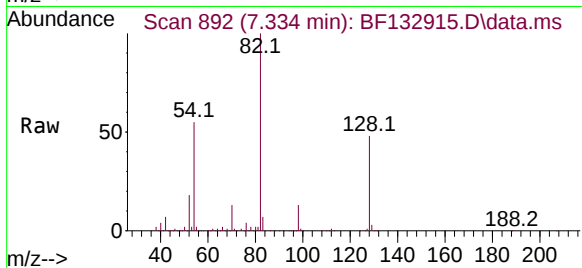
BNA_F

ClientSampleId :

PB152211BL

Tgt Ion: 82 Resp: 2243627

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.7	53.5
54	54.7	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

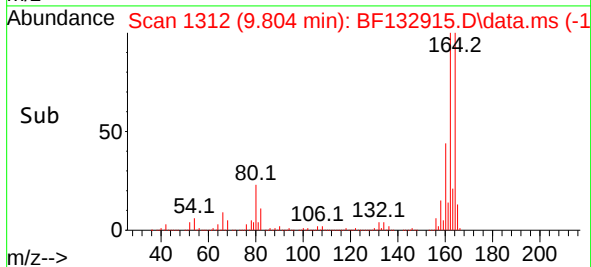
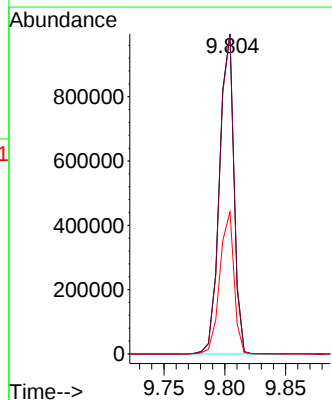
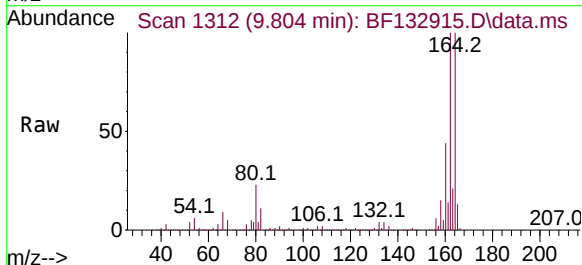
Delta R.T. 0.000 min

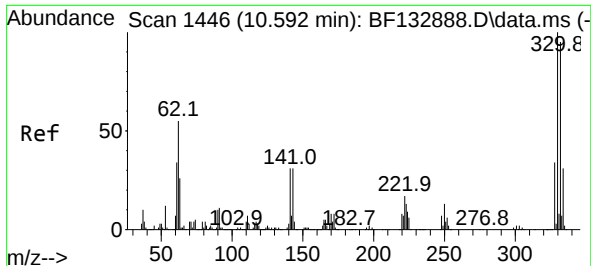
Lab File: BF132915.D

Acq: 19 Apr 2023 16:54

Tgt Ion: 164 Resp: 817815

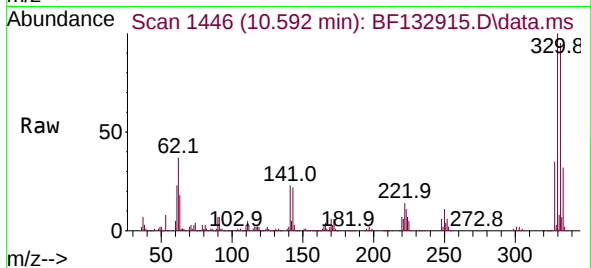
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.1	118.7
160	44.4	35.6	53.4



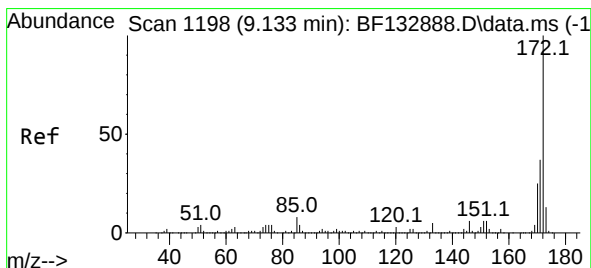
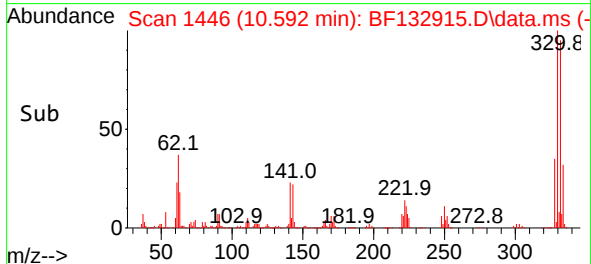
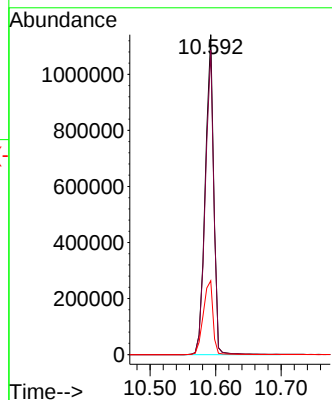


#42
2,4,6-Tribromophenol
Concen: 123.230 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

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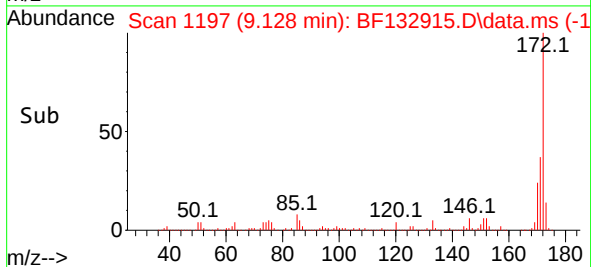
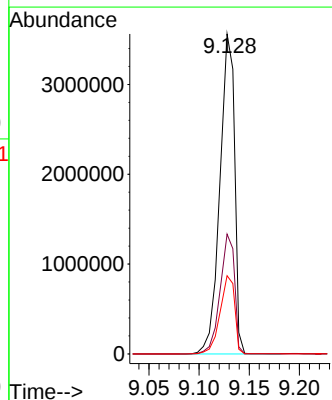
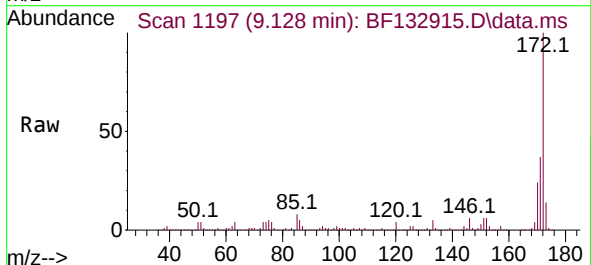


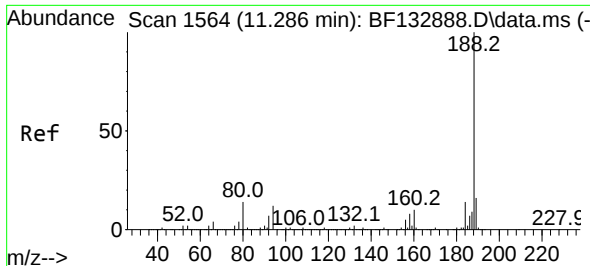
Tgt Ion:330 Resp: 1010823
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 26.5 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 68.605 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion:172 Resp: 3652229
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.4 20.1 30.1

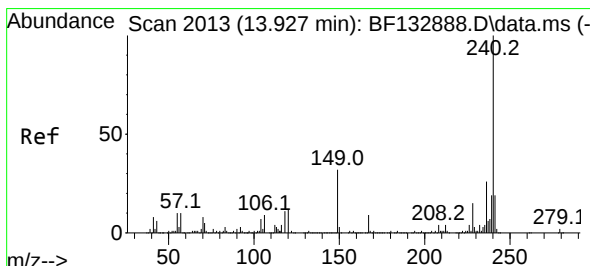
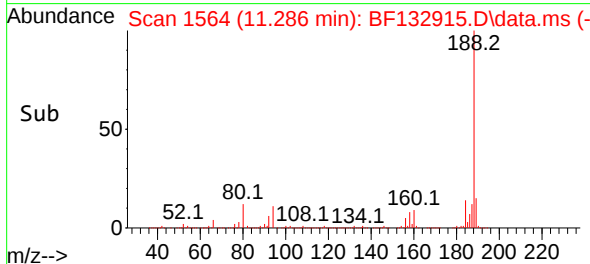
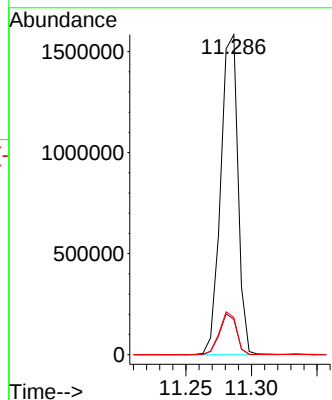
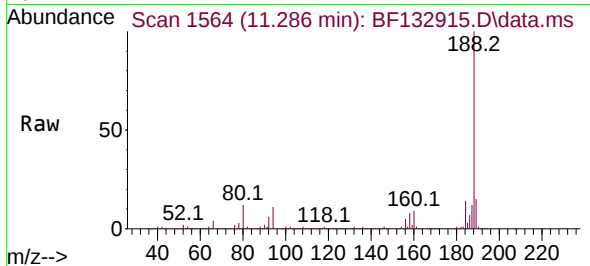




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

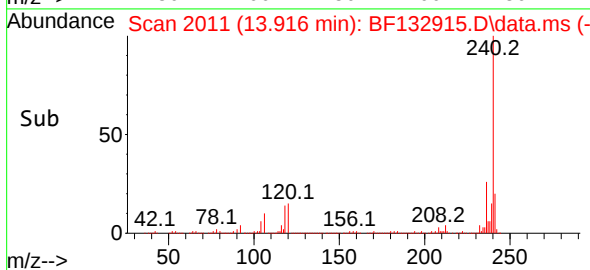
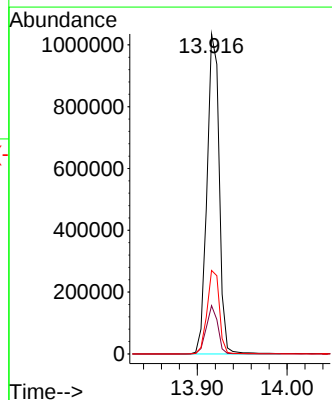
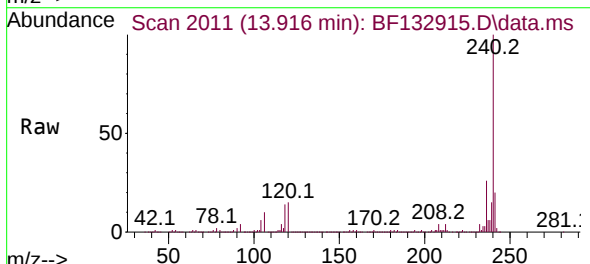
Instrument :
BNA_F
ClientSampleId :
PB152211BL

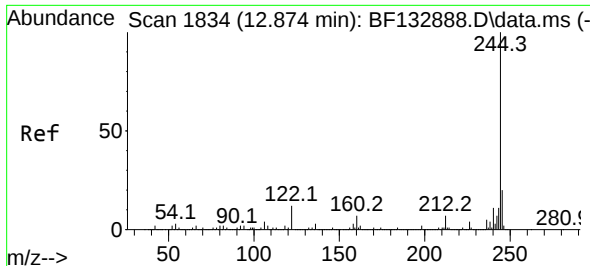
Tgt Ion:188 Resp: 1459757
Ion Ratio Lower Upper
188 100
94 11.0 9.9 14.9
80 11.6 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

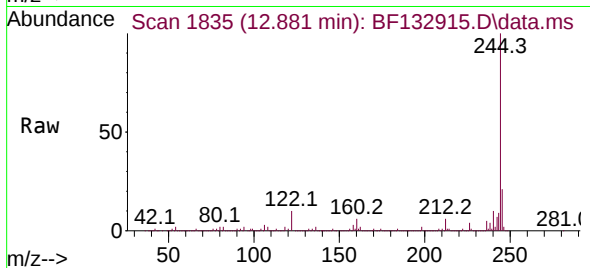
Tgt Ion:240 Resp: 977591
Ion Ratio Lower Upper
240 100
120 15.1 10.0 15.0#
236 26.1 20.8 31.2



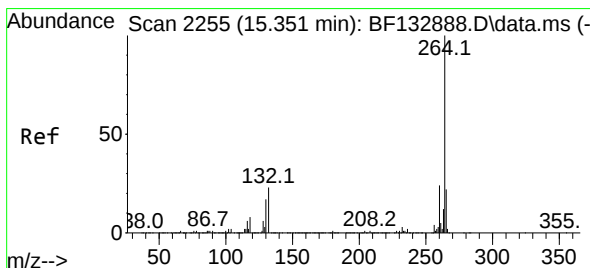
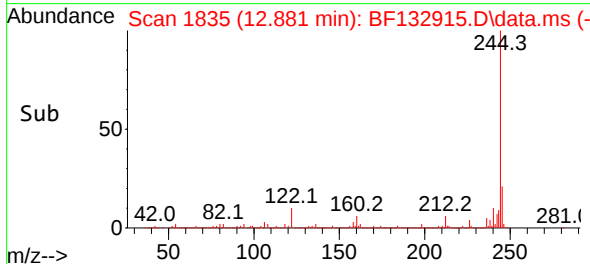
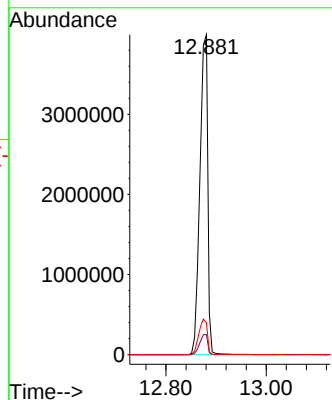


#79
 Terphenyl-d14
 Concen: 75.869 ng
 RT: 12.881 min Scan# 1835
 Delta R.T. 0.006 min
 Lab File: BF132915.D
 Acq: 19 Apr 2023 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BL



Tgt Ion:244 Resp: 4347344
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.351 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BF132915.D
 Acq: 19 Apr 2023 16:54

Tgt Ion:264 Resp: 894928
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.3 17.7 26.5

