

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132939.D
 Acq On : 20 Apr 2023 15:16
 Operator : CG\JU
 Sample : 02270-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-14-16-20230410

Quant Time: Apr 21 02:09:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	307409	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	1203395	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	580809	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	939640	20.000	ng	0.00
76) Chrysene-d12	13.916	240	592011	20.000	ng	0.00
86) Perylene-d12	15.345	264	554610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1807829	91.957	ng	0.01
7) Phenol-d6	6.387	99	2300955	91.722	ng	0.00
23) Nitrobenzene-d5	7.322	82	1392878	60.332	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	522226	89.644	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2342923	61.970	ng	0.00
79) Terphenyl-d14	12.869	244	2214837	63.828	ng	0.00

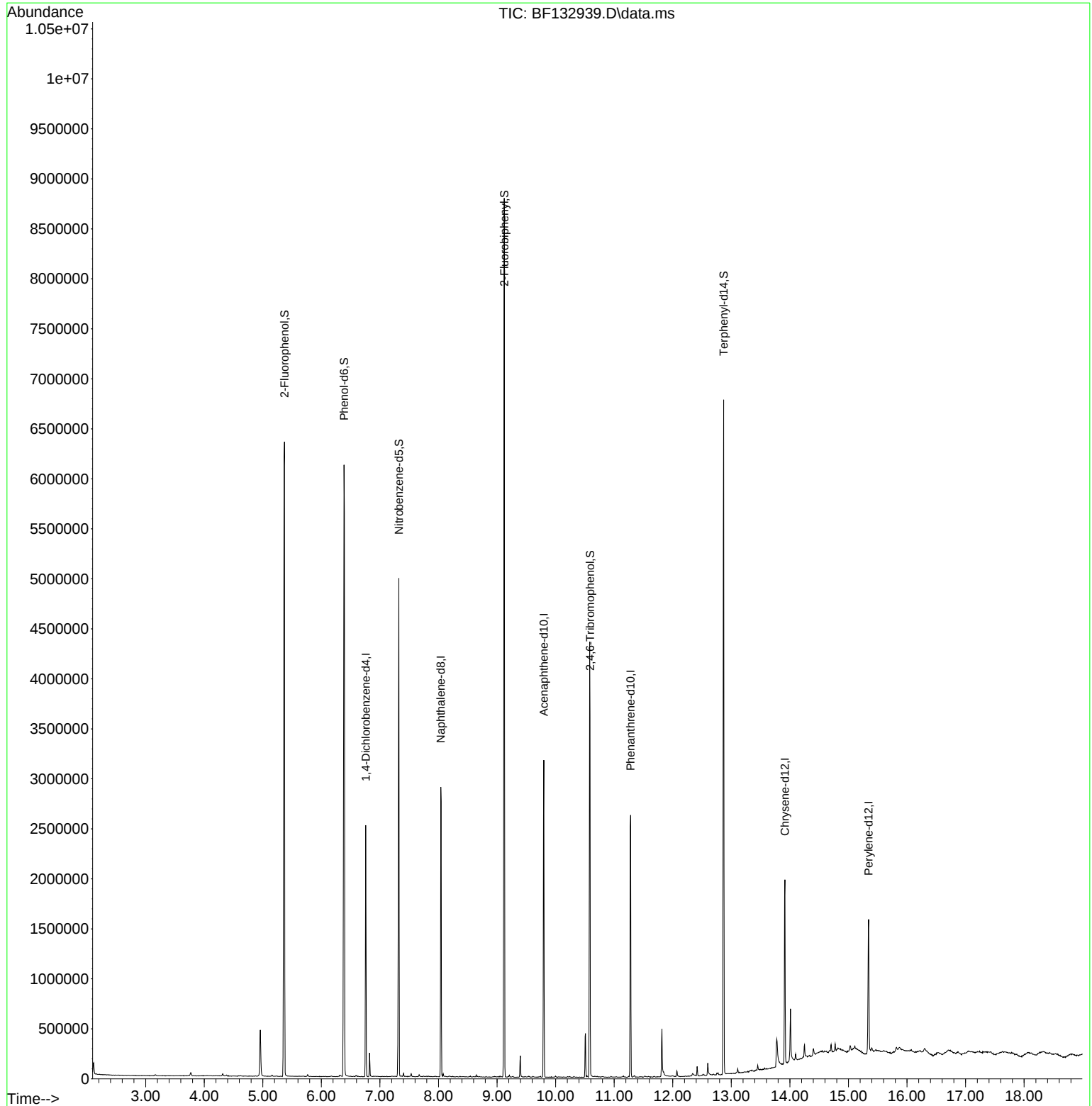
Target Compounds	Qvalue

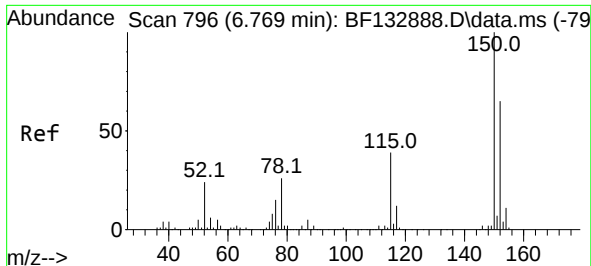
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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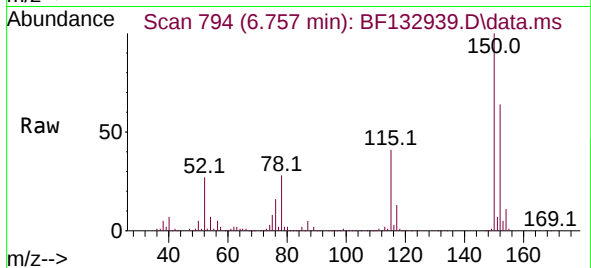
Quant Time: Apr 21 02:09:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
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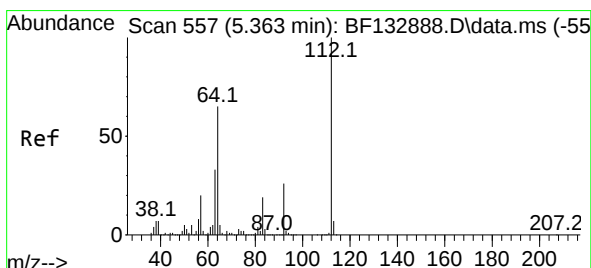
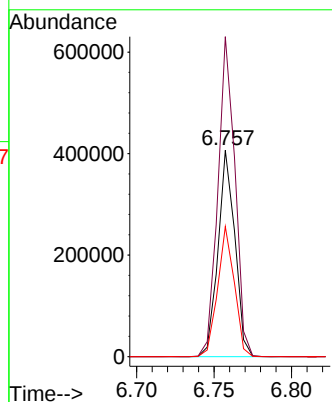
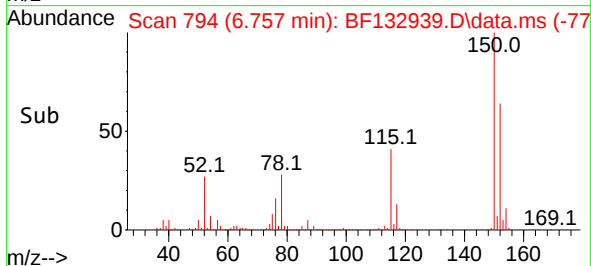


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132939.D
Acq: 20 Apr 2023 15:16

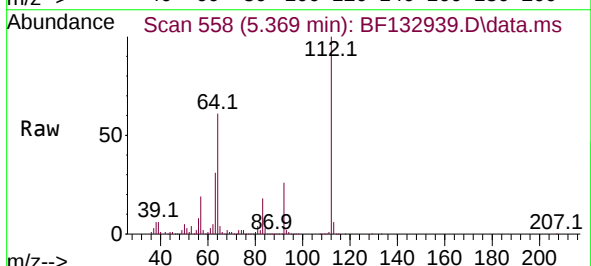
Instrument :
BNA_F
ClientSampleId :
SB-17-14-16-20230410



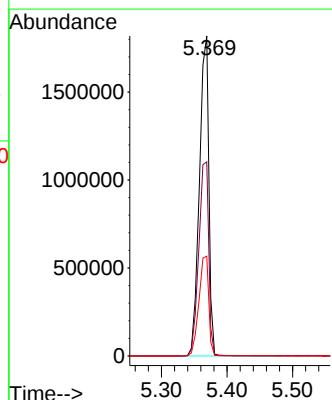
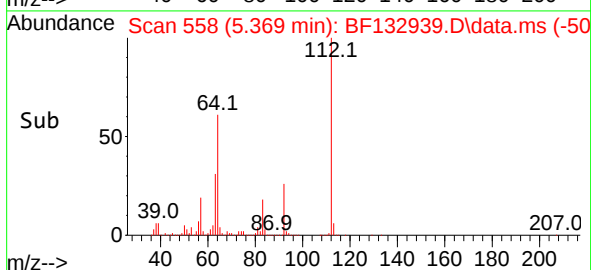
Tgt Ion:152 Resp: 307409
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 63.0 47.3 70.9

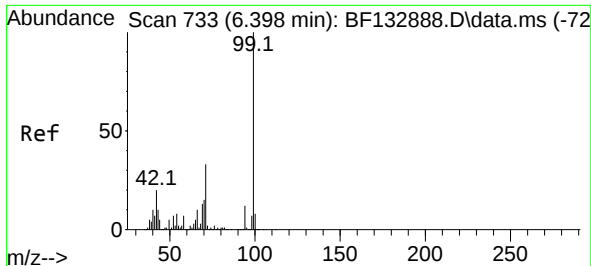


#5
2-Fluorophenol
Concen: 91.957 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.012 min
Lab File: BF132939.D
Acq: 20 Apr 2023 15:16



Tgt Ion:112 Resp: 1807829
Ion Ratio Lower Upper
112 100
64 60.6 51.8 77.8
63 31.2 26.3 39.5



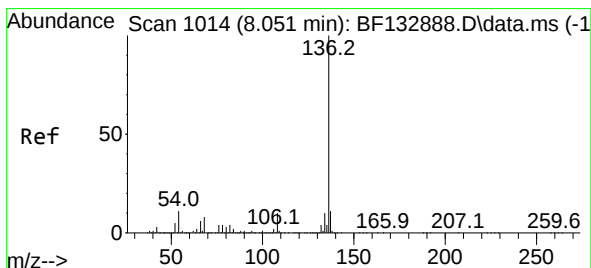
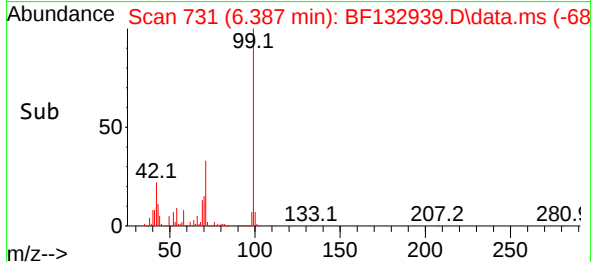
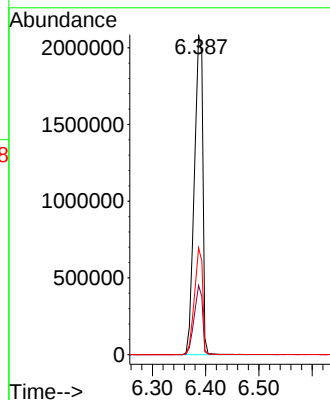
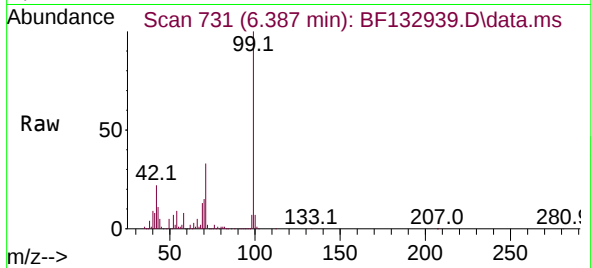


#7
Phenol-d6
Concen: 91.722 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF132939.D
Acq: 20 Apr 2023 15:16

Instrument :
BNA_F
ClientSampleId :
SB-17-14-16-20230410

Tgt Ion: 99 Resp: 2300955

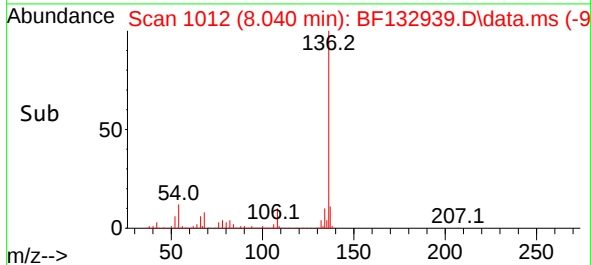
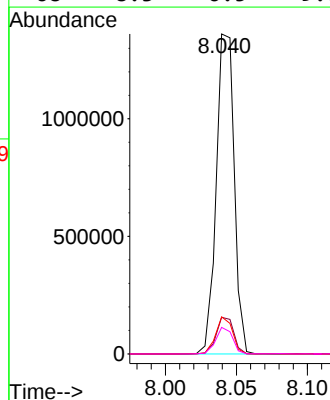
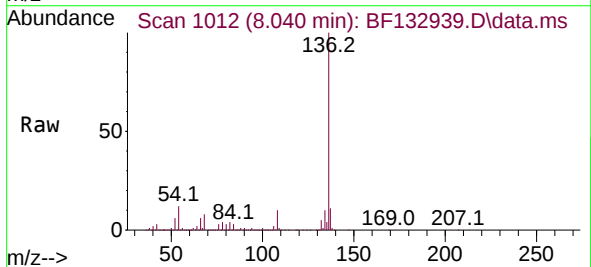
Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.1	24.1
71	33.4	26.1	39.1

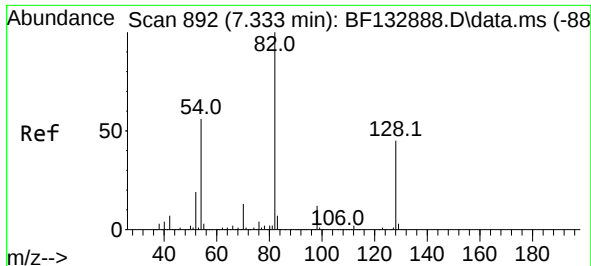


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132939.D
Acq: 20 Apr 2023 15:16

Tgt Ion: 136 Resp: 1203395

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	11.6	8.9	13.3
68	8.3	6.5	9.7





#23

Nitrobenzene-d5

Concen: 60.332 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132939.D

Acq: 20 Apr 2023 15:16

Instrument :

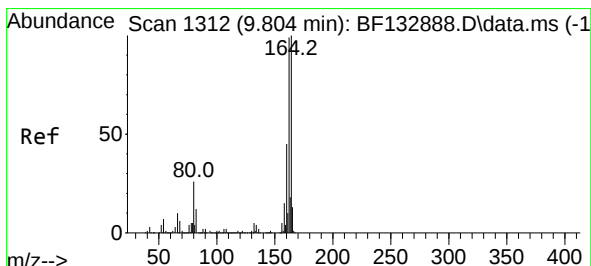
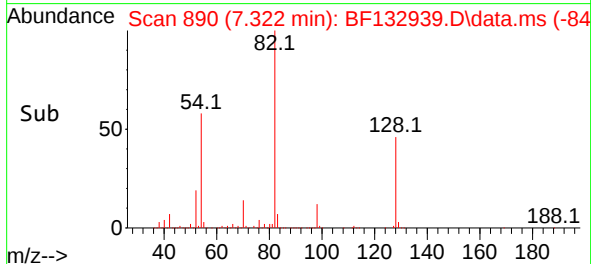
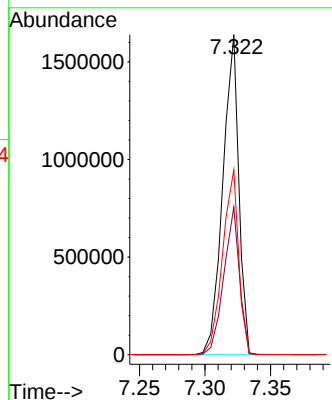
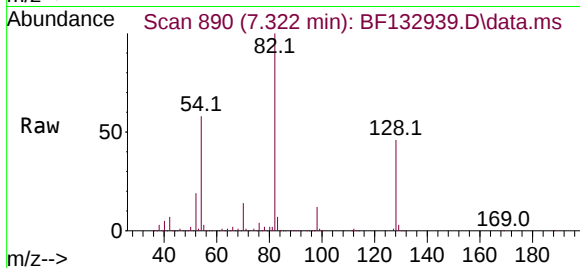
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1392878

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	57.7	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

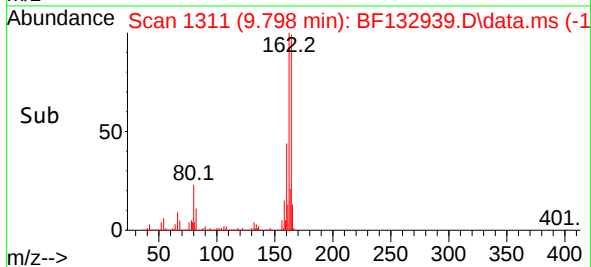
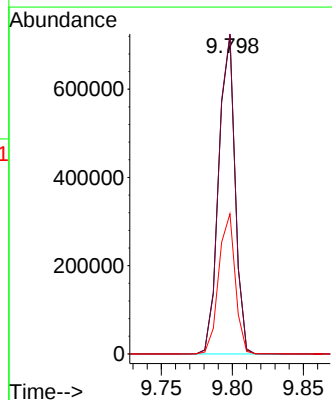
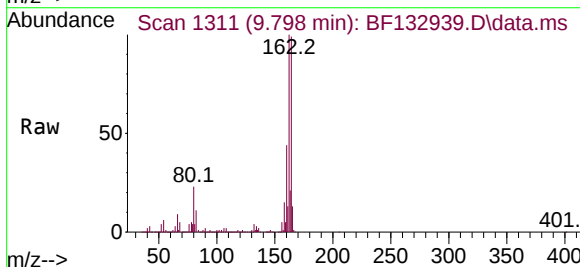
Delta R.T. 0.000 min

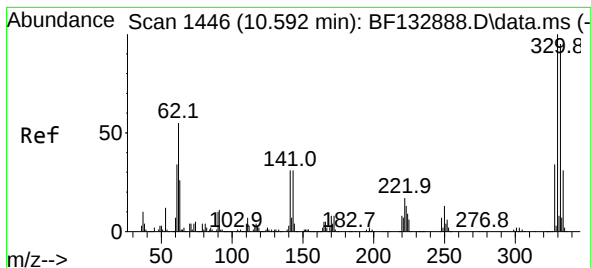
Lab File: BF132939.D

Acq: 20 Apr 2023 15:16

Tgt Ion:164 Resp: 580809

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.1	118.7
160	44.0	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 89.644 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132939.D

Acq: 20 Apr 2023 15:16

Instrument :

BNA_F

ClientSampleId :

SB-17-14-16-20230410

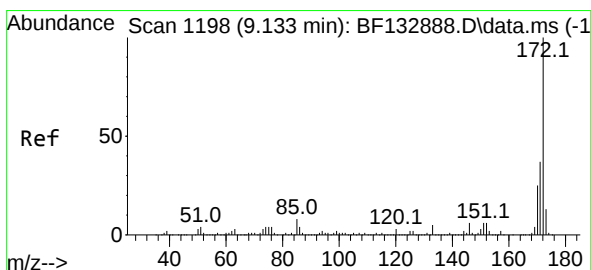
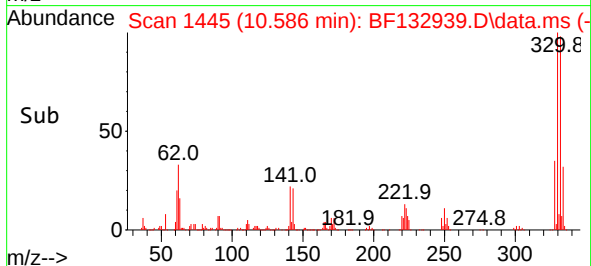
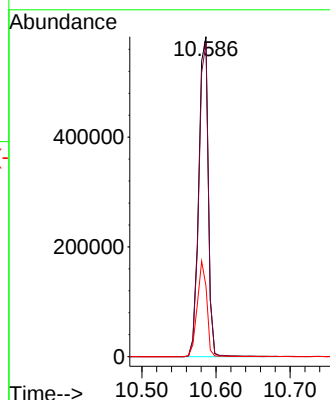
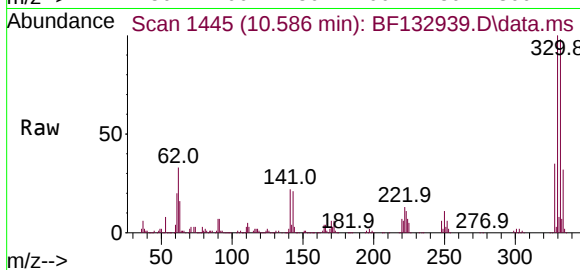
Tgt Ion:330 Resp: 522226

Ion Ratio Lower Upper

330 100

332 96.8 76.3 114.5

141 29.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 61.970 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132939.D

Acq: 20 Apr 2023 15:16

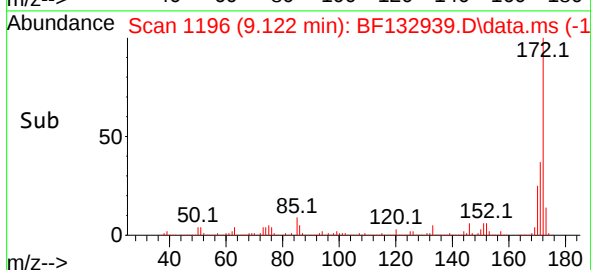
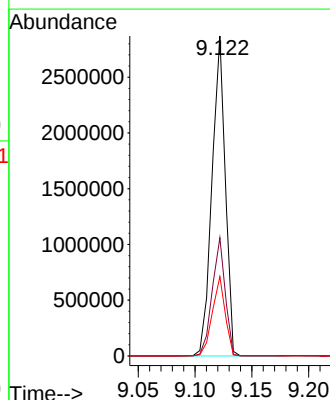
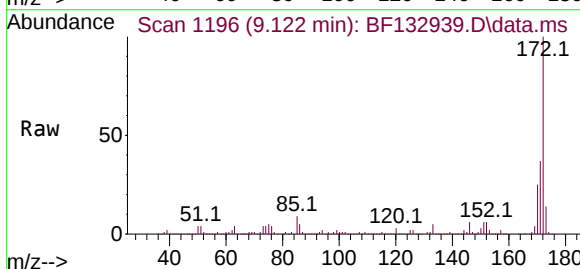
Tgt Ion:172 Resp: 2342923

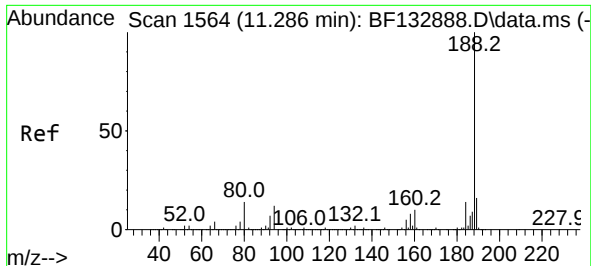
Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

170 24.8 20.1 30.1

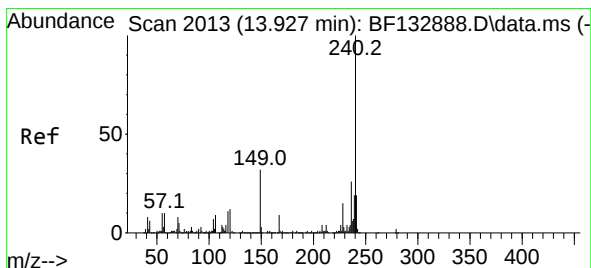
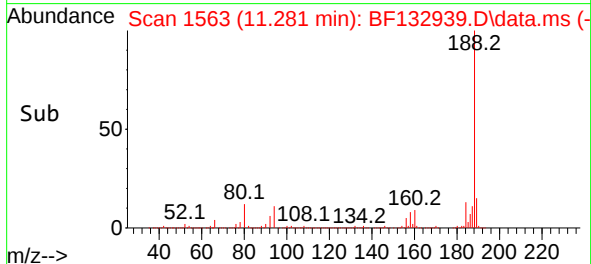
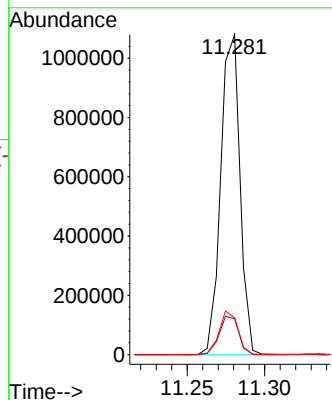
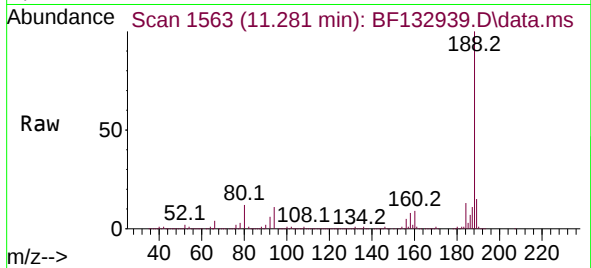




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132939.D
Acq: 20 Apr 2023 15:16

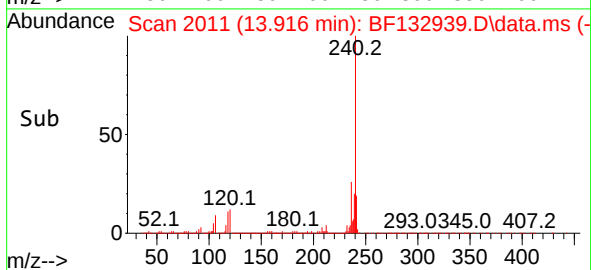
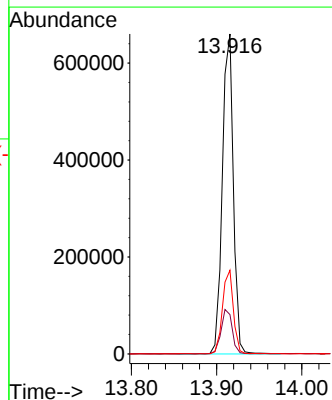
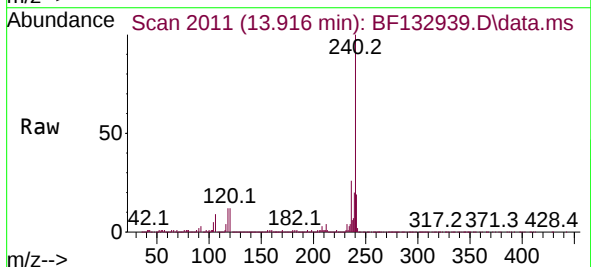
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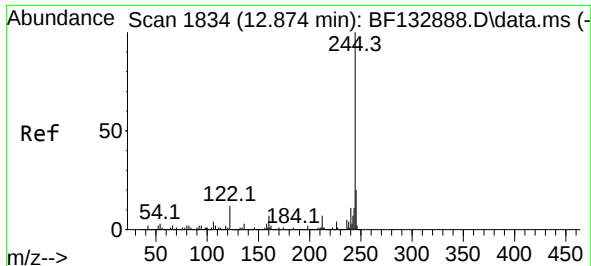
Tgt Ion:188 Resp: 939640
Ion Ratio Lower Upper
188 100
94 11.2 9.9 14.9
80 11.5 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF132939.D
Acq: 20 Apr 2023 15:16

Tgt Ion:240 Resp: 592011
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 26.1 20.8 31.2

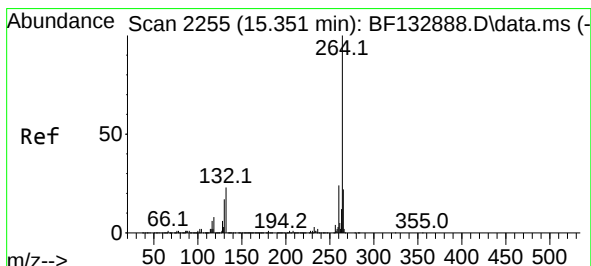
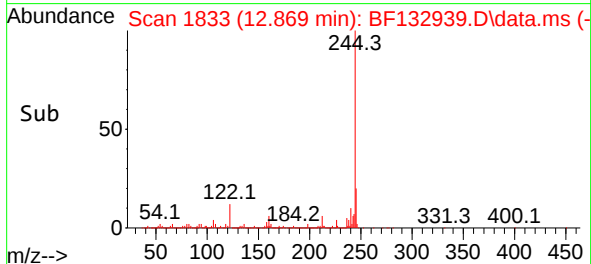
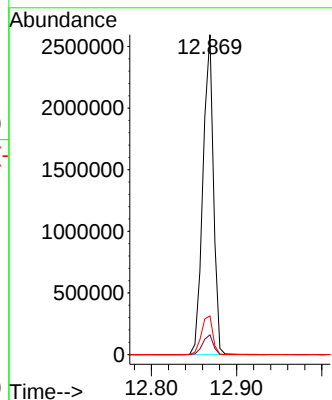
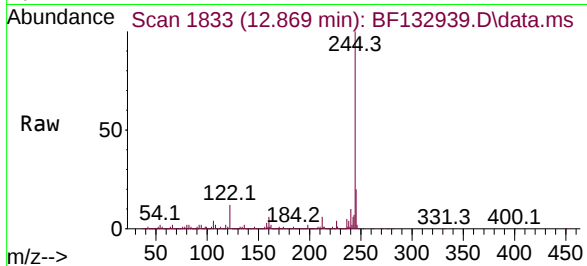




#79
 Terphenyl-d14
 Concen: 63.828 ng
 RT: 12.869 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: BF132939.D
 Acq: 20 Apr 2023 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-14-16-20230410

Tgt Ion:244 Resp: 2214837
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 12.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. 0.006 min
 Lab File: BF132939.D
 Acq: 20 Apr 2023 15:16

Tgt Ion:264 Resp: 554610
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.2 17.7 26.5

