

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132961.D
 Acq On : 21 Apr 2023 03:48
 Operator : CG\JU
 Sample : 02270-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-16-18-20230412

Quant Time: Apr 21 05:24:24 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)

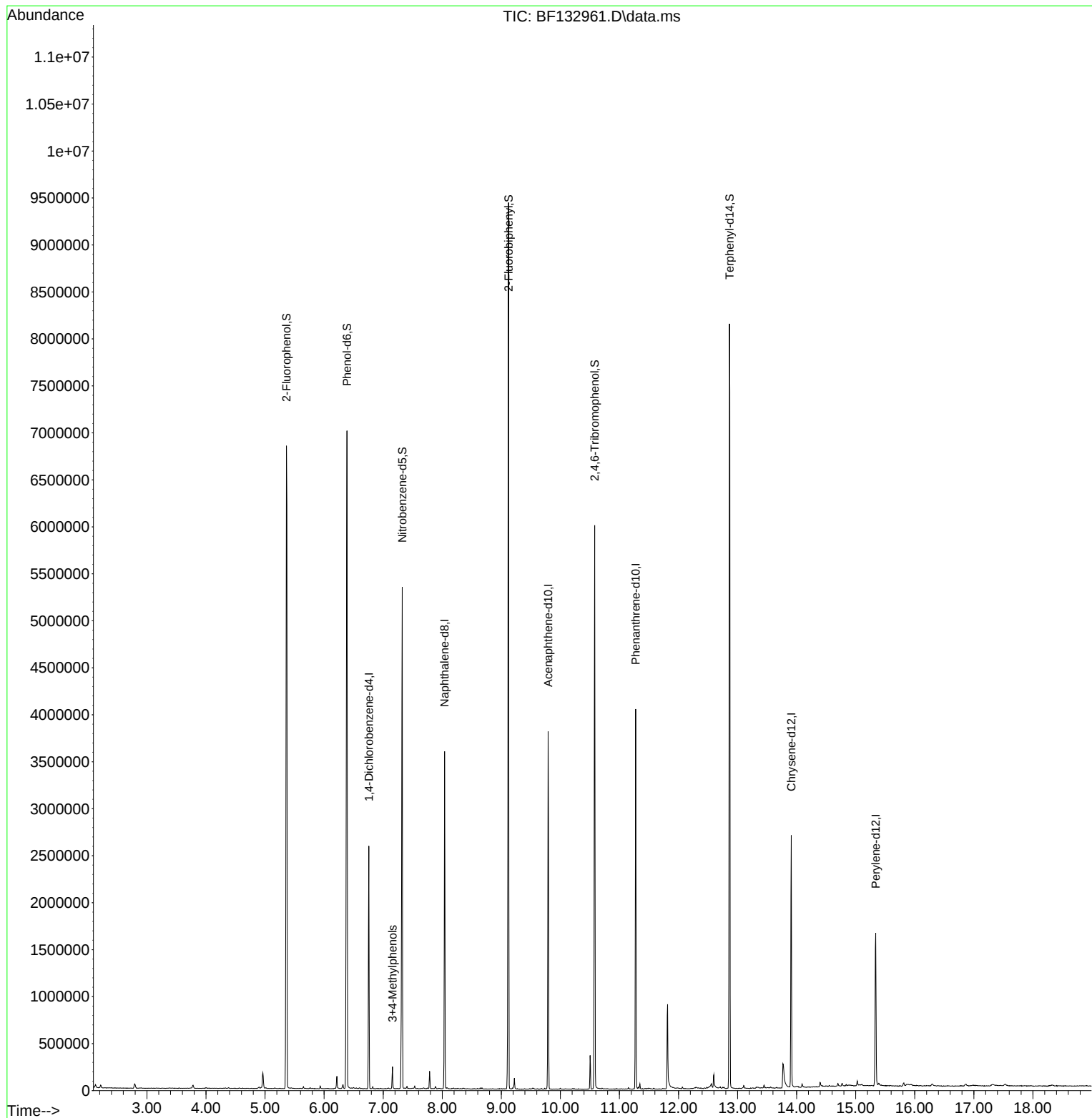
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	334572	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1353808	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	719656	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1249207	20.000	ng	0.00
76) Chrysene-d12	13.910	240	802822	20.000	ng	0.00
86) Perylene-d12	15.339	264	672675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2015965	94.219	ng	0.00
7) Phenol-d6	6.387	99	2649082	97.026	ng	0.00
23) Nitrobenzene-d5	7.322	82	1590235	61.228	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	699360	96.889	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2707297	57.792	ng	0.00
79) Terphenyl-d14	12.863	244	2954403	62.784	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.157	107	49074	2.088	ng	Qvalue # 60

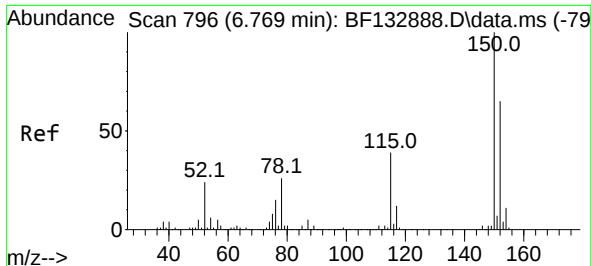
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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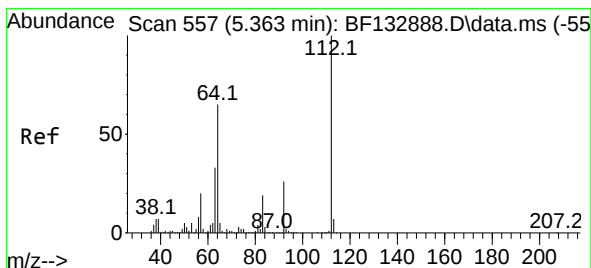
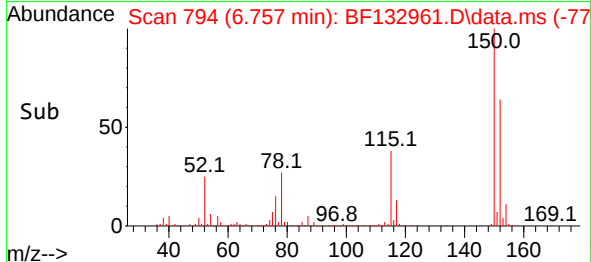
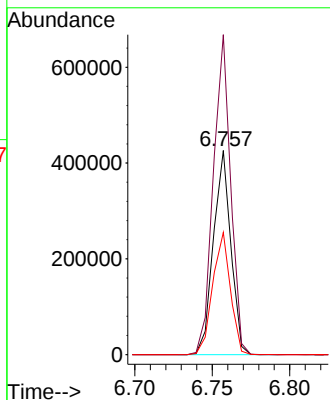
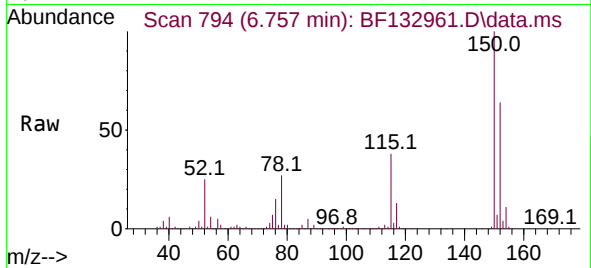




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

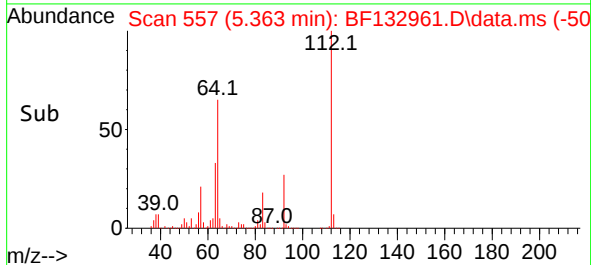
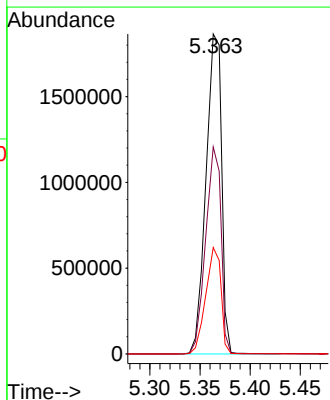
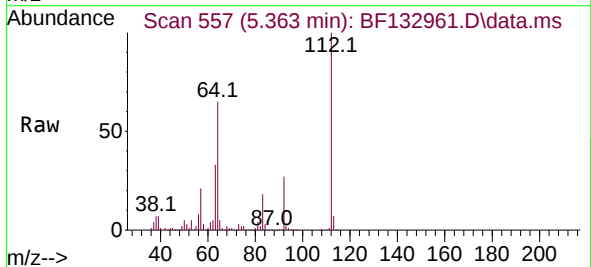
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

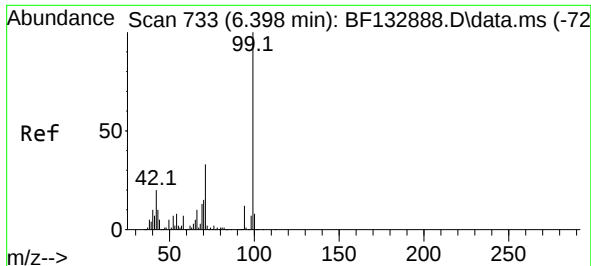
Tgt Ion:152 Resp: 334572
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 59.9 47.3 70.9



#5
2-Fluorophenol
Concen: 94.219 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion:112 Resp: 2015965
Ion Ratio Lower Upper
112 100
64 64.7 51.8 77.8
63 33.2 26.3 39.5





#7

Phenol-d6

Concen: 97.026 ng

RT: 6.387 min Scan# 731

Delta R.T. -0.006 min

Lab File: BF132961.D

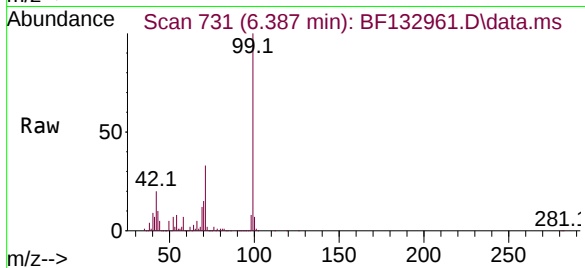
Acq: 21 Apr 2023 03:48

Instrument :

BNA_F

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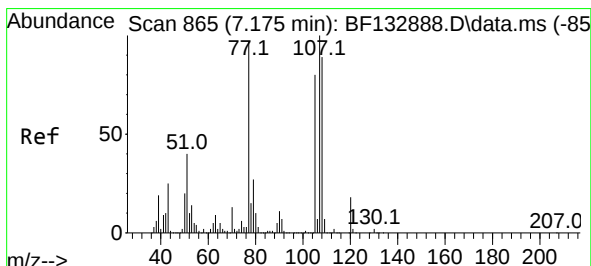
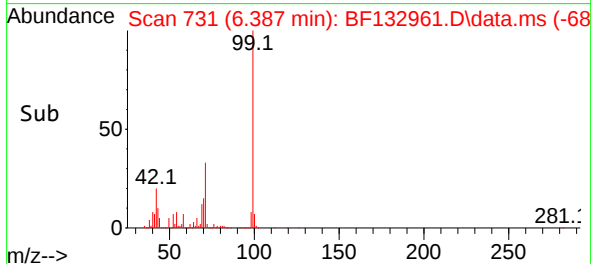
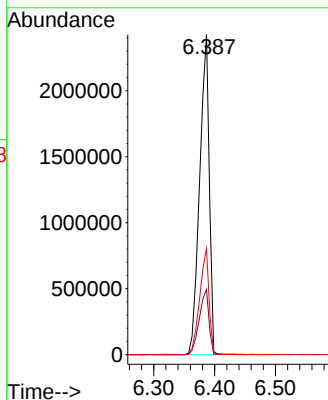
Tgt Ion: 99 Resp: 2649082

Ion Ratio Lower Upper

99 100

42 20.4 16.1 24.1

71 33.1 26.1 39.1



#20

3+4-Methylphenols

Concen: 2.088 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

Tgt Ion: 107 Resp: 49074

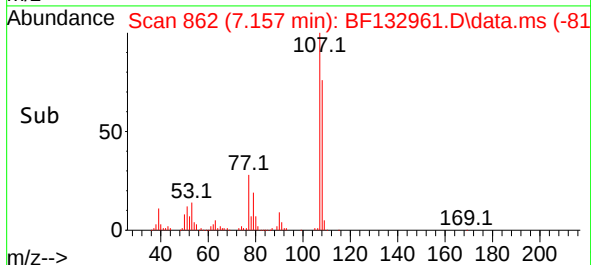
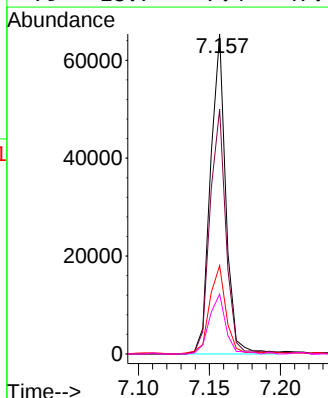
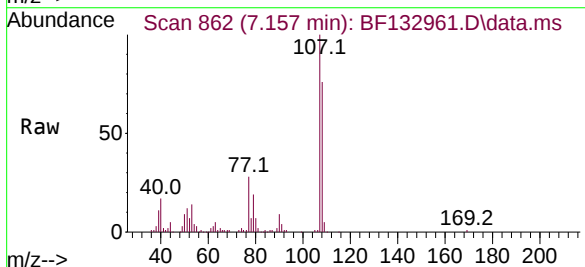
Ion Ratio Lower Upper

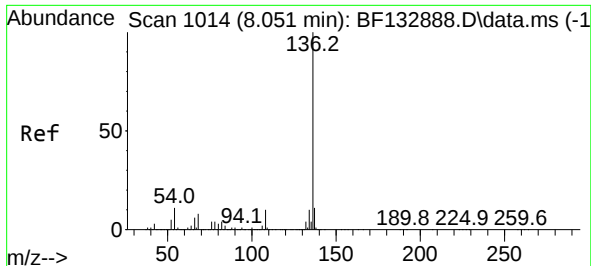
107 100

108 76.5 68.5 108.5

77 27.6 77.1 117.1#

79 18.7 7.4 47.4

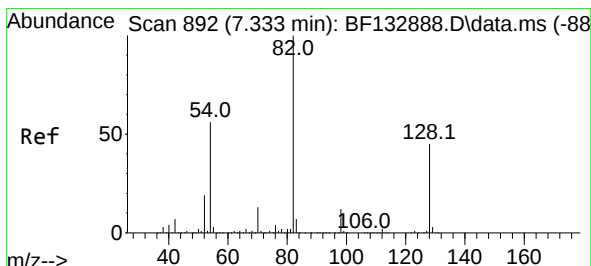
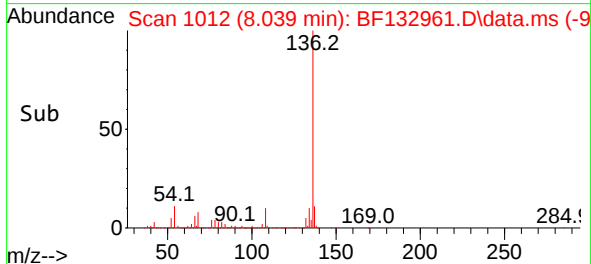
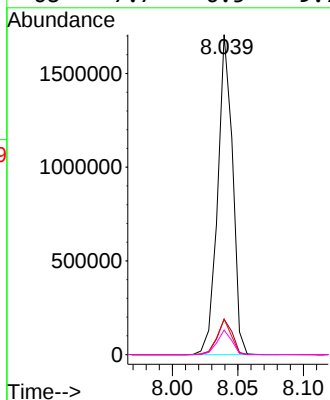
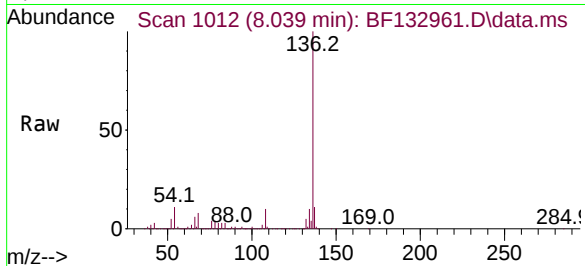




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

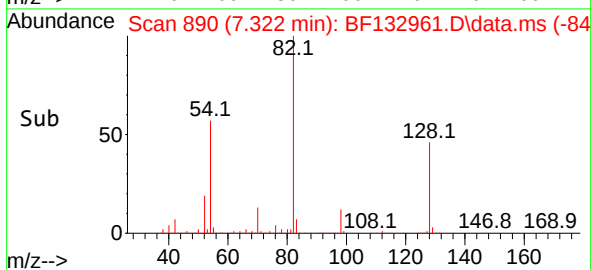
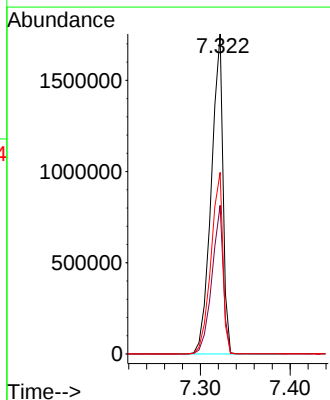
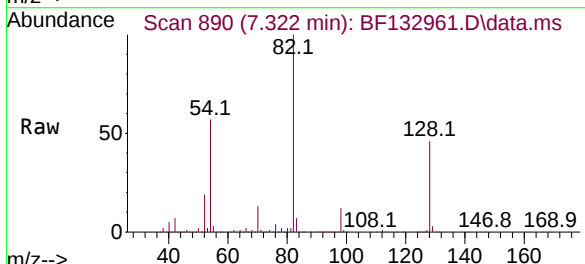
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

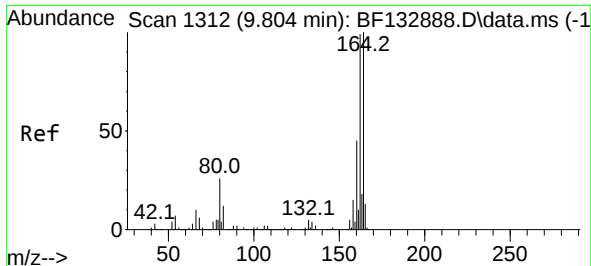
Tgt Ion:136 Resp: 1353808
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.1 8.9 13.3
68 7.7 6.5 9.7



#23
Nitrobenzene-d5
Concen: 61.228 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion: 82 Resp: 1590235
Ion Ratio Lower Upper
82 100
128 46.4 35.7 53.5
54 56.7 44.7 67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

Instrument :

BNA_F

ClientSampleId :

SB-31-16-18-20230412

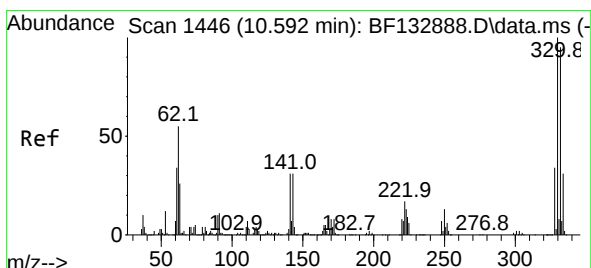
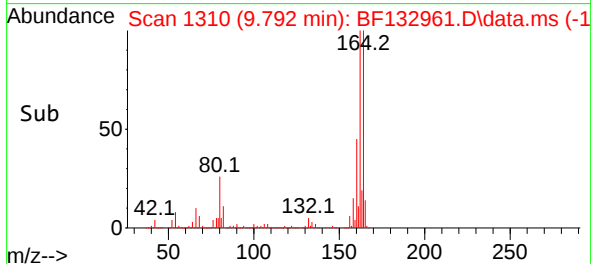
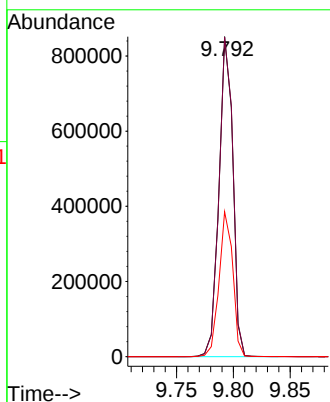
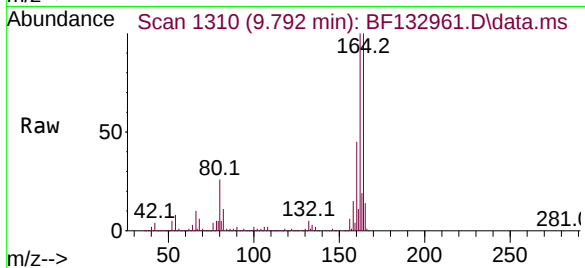
Tgt Ion:164 Resp: 719656

Ion Ratio Lower Upper

164 100

162 99.8 79.1 118.7

160 45.3 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 96.889 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

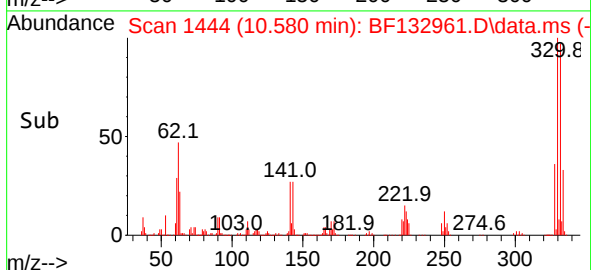
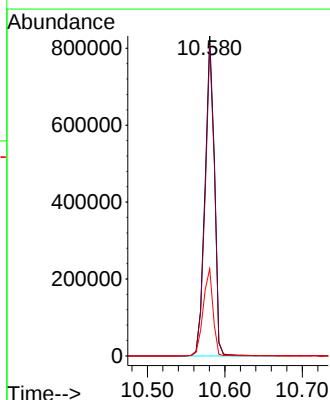
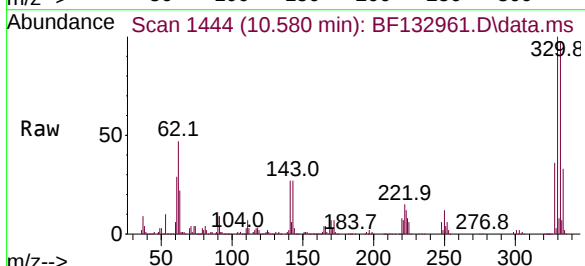
Tgt Ion:330 Resp: 699360

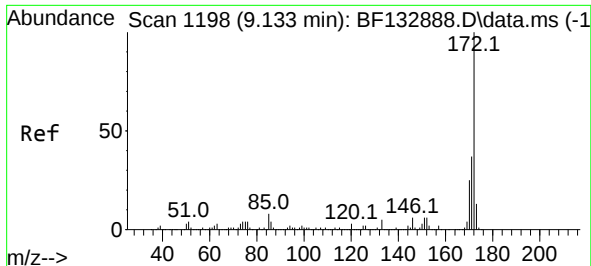
Ion Ratio Lower Upper

330 100

332 96.7 76.3 114.5

141 28.5 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 57.792 ng

RT: 9.122 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

Instrument :

BNA_F

ClientSampleId :

SB-31-16-18-20230412

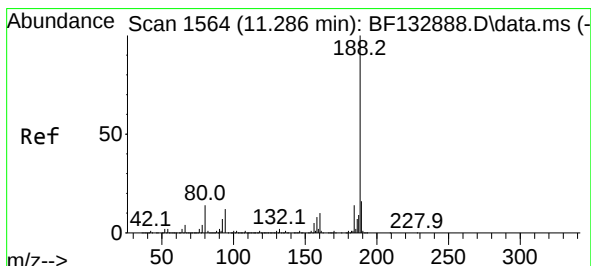
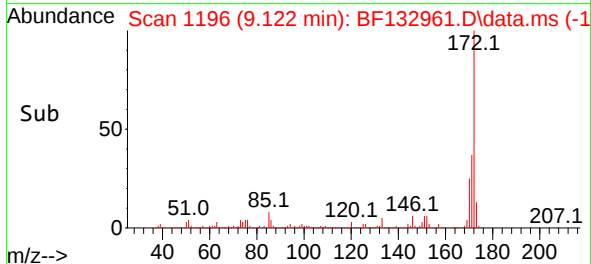
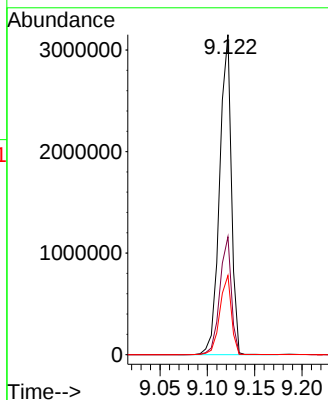
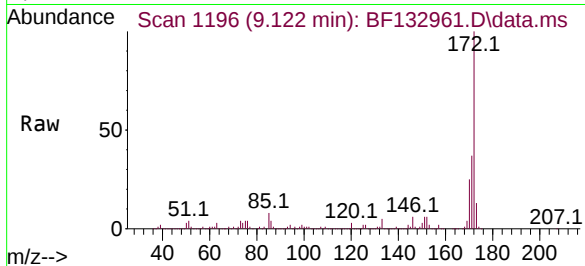
Tgt Ion:172 Resp: 2707297

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

170 24.7 20.1 30.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

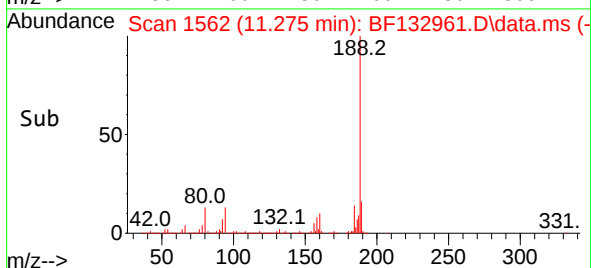
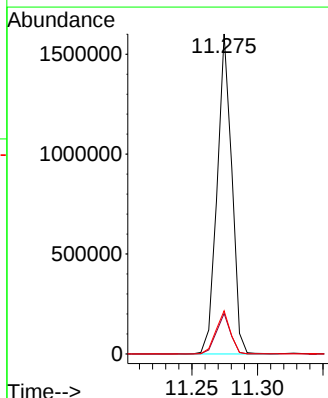
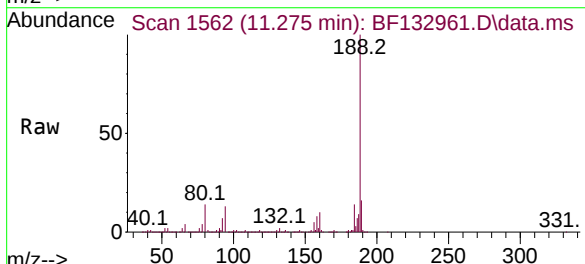
Tgt Ion:188 Resp: 1249207

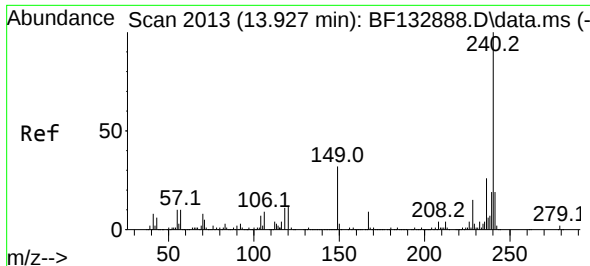
Ion Ratio Lower Upper

188 100

94 12.6 9.9 14.9

80 13.5 10.8 16.2

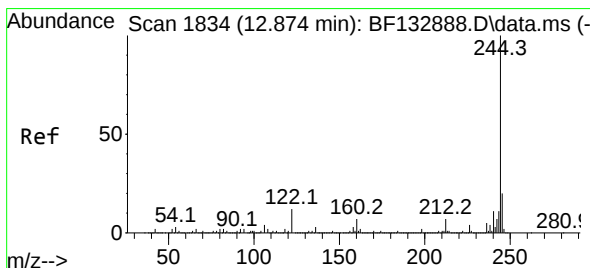
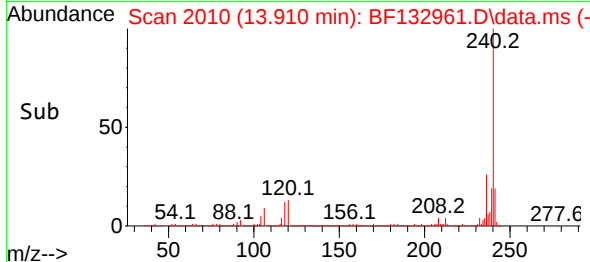
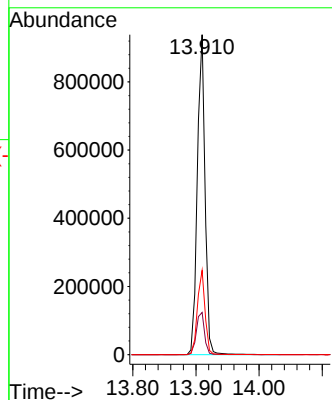
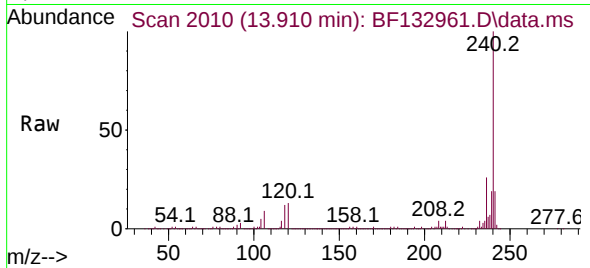




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

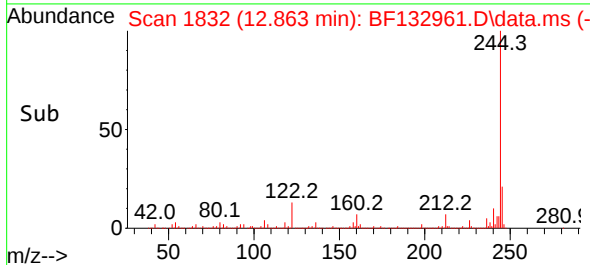
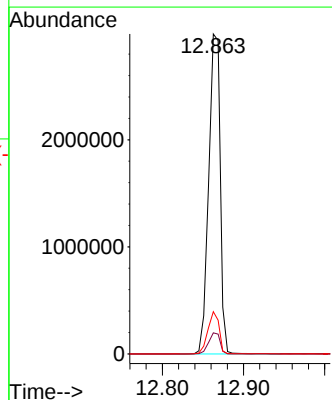
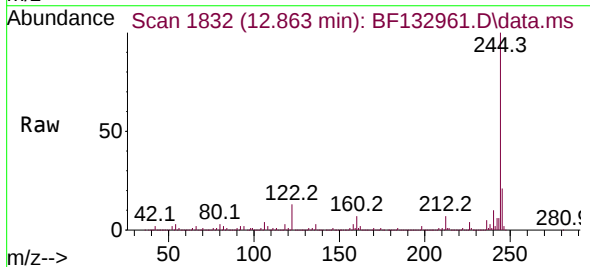
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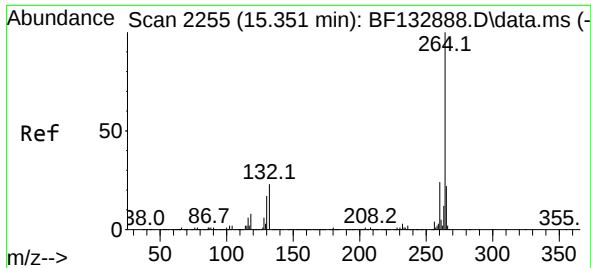
Tgt Ion:240 Resp: 802822
Ion Ratio Lower Upper
240 100
120 13.2 10.0 15.0
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 62.784 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

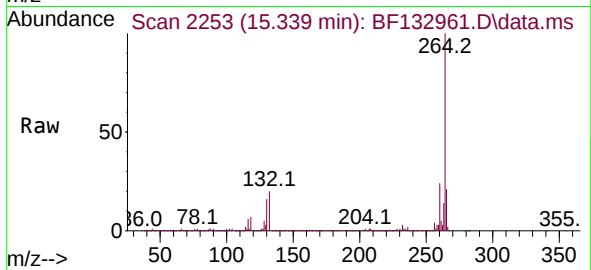
Tgt Ion:244 Resp: 2954403
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 13.2 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412



Tgt Ion:264 Resp: 672675

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.1	17.7	26.5

