

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132481.D
 Acq On : 20 Feb 2023 15:51
 Operator : CG\JU
 Sample : 01593-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Quant Time: Feb 20 16:14:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 20 13:34:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	214720	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	779849	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	372493	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	596477	20.000	ng	0.00
76) Chrysene-d12	14.224	240	372951	20.000	ng	#-0.01
86) Perylene-d12	15.789	264	295754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1139960	85.070	ng	0.00
7) Phenol-d6	6.643	99	1144350	65.401	ng	-0.01
23) Nitrobenzene-d5	7.590	82	1299950	80.095	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	405121	109.006	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	1968955	81.630	ng	0.00
79) Terphenyl-d14	13.160	244	1781950	87.017	ng	0.00

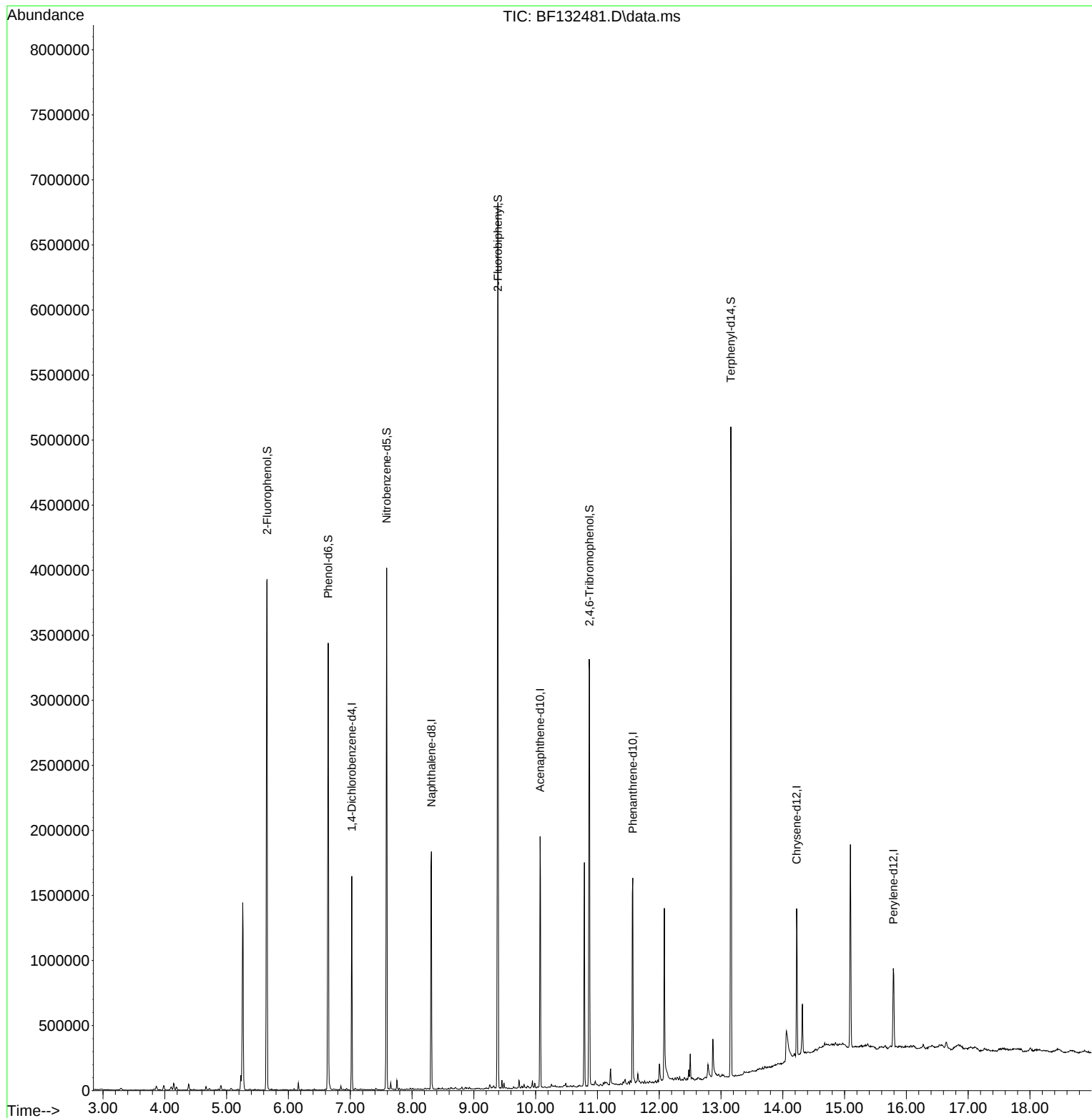
Target Compounds	Qvalue

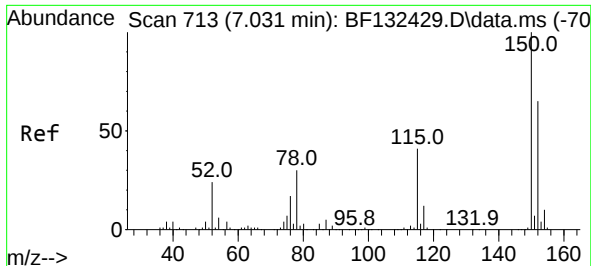
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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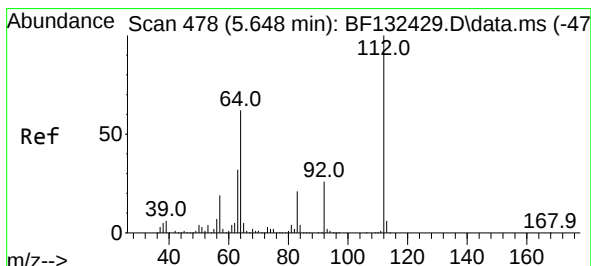
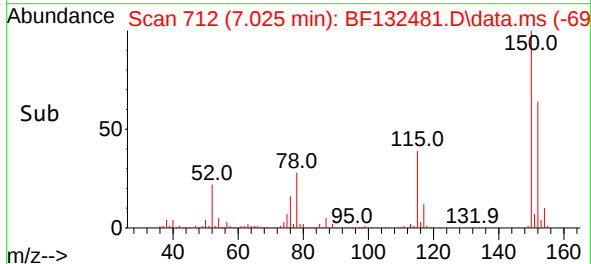
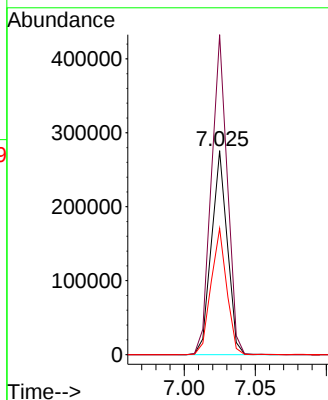
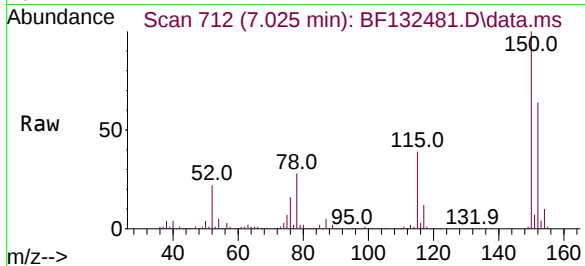




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.025 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132481.D
Acq: 20 Feb 2023 15:51

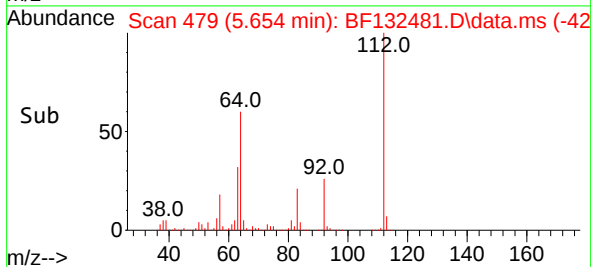
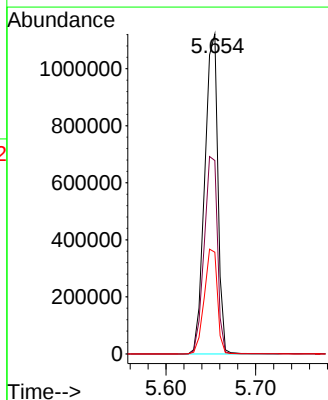
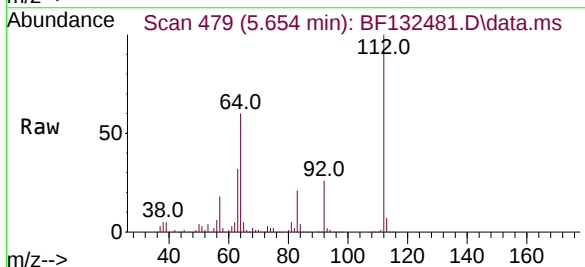
Instrument :
BNA_F
ClientSampleId :
SW-1

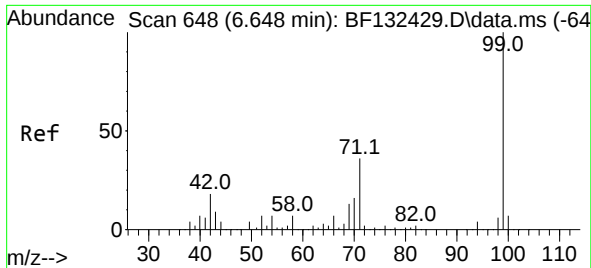
Tgt Ion:152 Resp: 214720
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.8
115 61.9 50.4 75.6



#5
2-Fluorophenol
Concen: 85.070 ng
RT: 5.654 min Scan# 479
Delta R.T. -0.006 min
Lab File: BF132481.D
Acq: 20 Feb 2023 15:51

Tgt Ion:112 Resp: 1139960
Ion Ratio Lower Upper
112 100
64 60.4 49.7 74.5
63 31.8 25.8 38.8

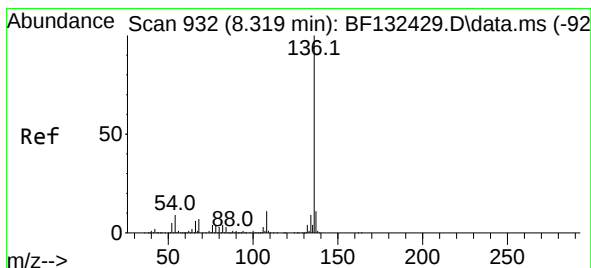
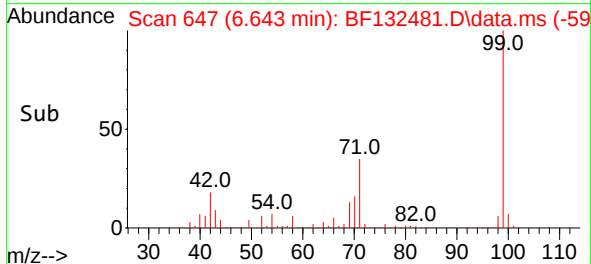
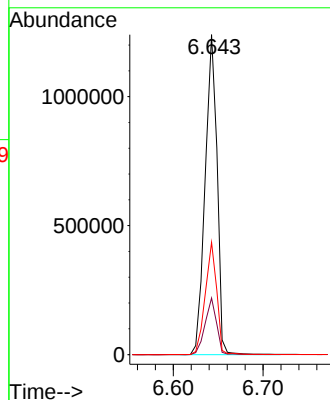
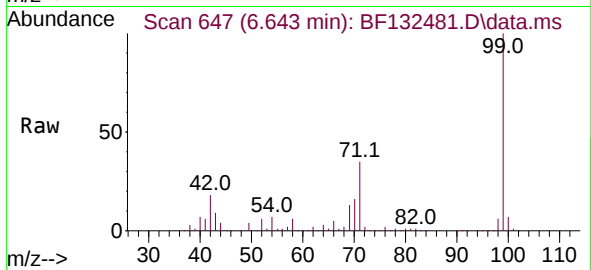




#7
Phenol-d6
Concen: 65.401 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132481.D
Acq: 20 Feb 2023 15:51

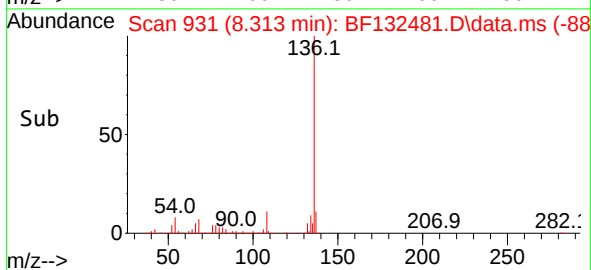
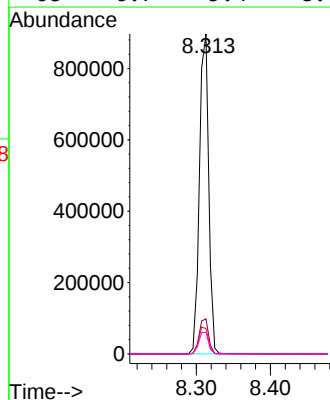
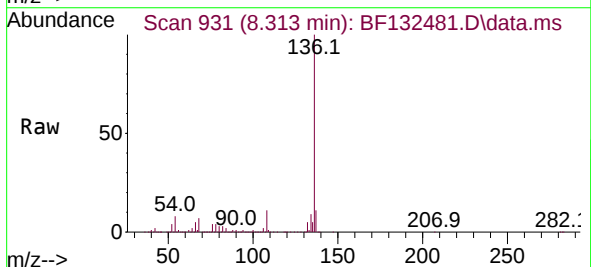
Instrument :
BNA_F
ClientSampleId :
SW-1

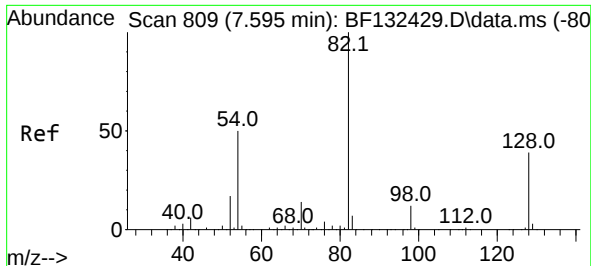
Tgt Ion: 99 Resp: 1144350
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 35.1 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF132481.D
Acq: 20 Feb 2023 15:51

Tgt Ion:136 Resp: 779849
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.9 10.3
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 80.095 ng

RT: 7.590 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132481.D

Acq: 20 Feb 2023 15:51

Instrument :

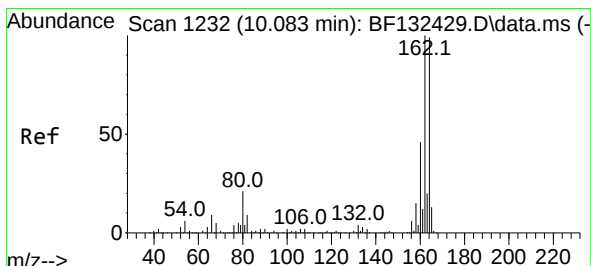
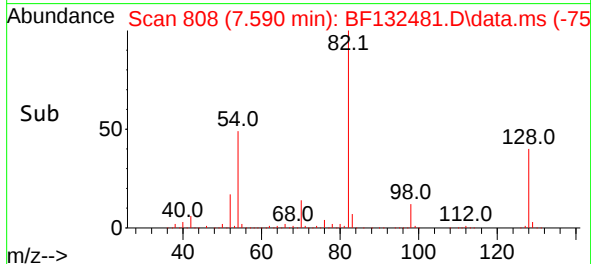
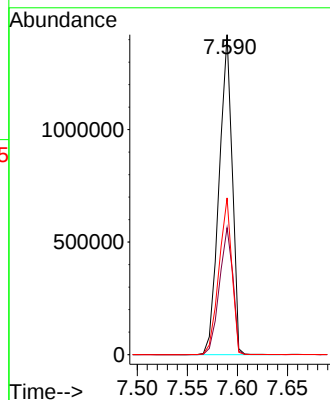
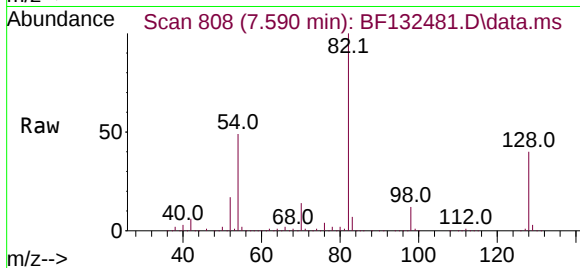
BNA_F

ClientSampleId :

SW-1

Tgt Ion: 82 Resp: 1299950

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.8	46.2
54	49.0	40.2	60.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.072 min Scan# 1230

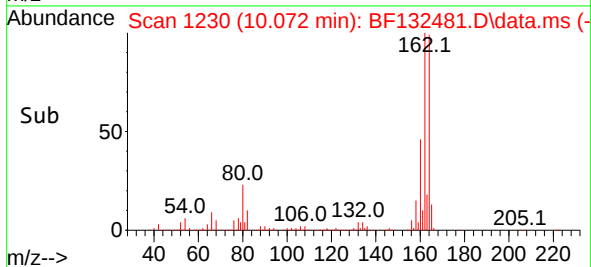
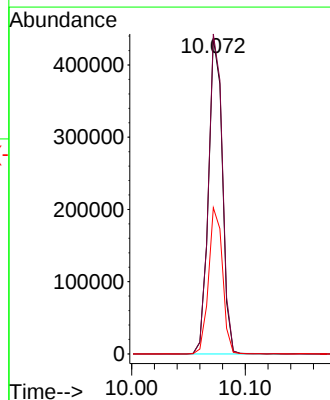
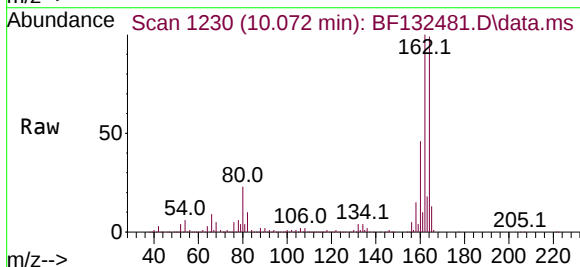
Delta R.T. -0.006 min

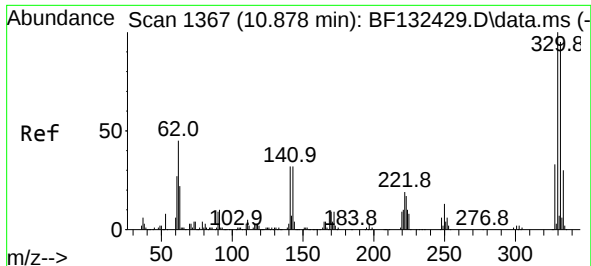
Lab File: BF132481.D

Acq: 20 Feb 2023 15:51

Tgt Ion:164 Resp: 372493

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	46.3	37.2	55.8

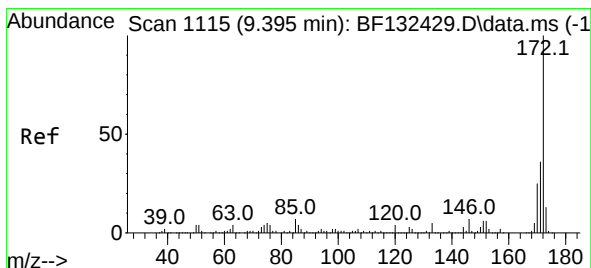
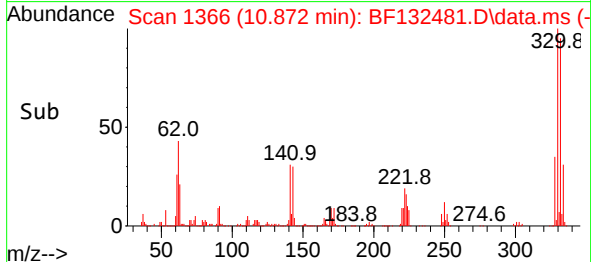
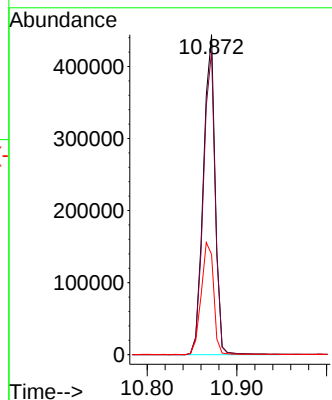
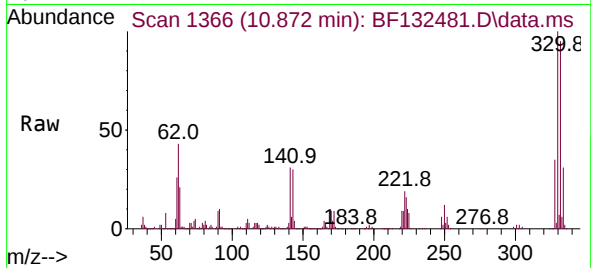




#42
2,4,6-Tribromophenol
Concen: 109.006 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132481.D
Acq: 20 Feb 2023 15:51

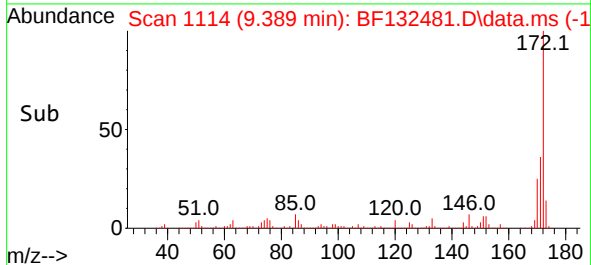
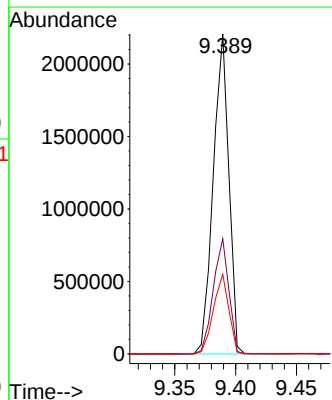
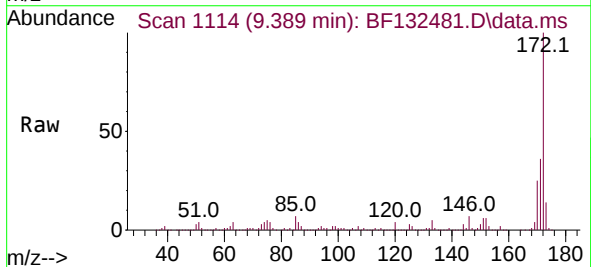
Instrument :
BNA_F
ClientSampleId :
SW-1

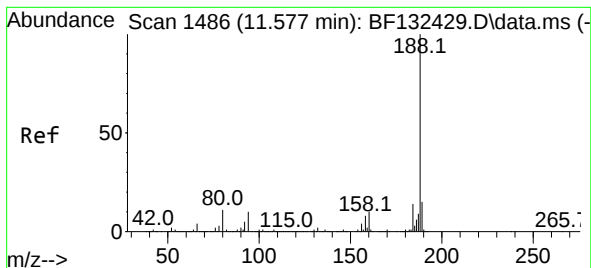
Tgt Ion:330 Resp: 405121
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 37.0 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 81.630 ng
RT: 9.389 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF132481.D
Acq: 20 Feb 2023 15:51

Tgt Ion:172 Resp: 1968955
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.9 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.572 min Scan# 1486

Delta R.T. -0.006 min

Lab File: BF132481.D

Acq: 20 Feb 2023 15:51

Instrument :

BNA_F

ClientSampleId :

SW-1

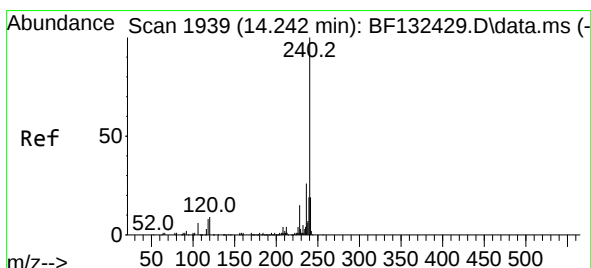
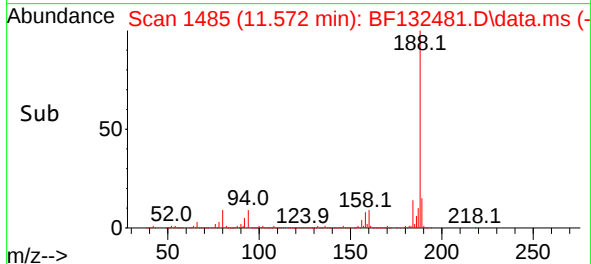
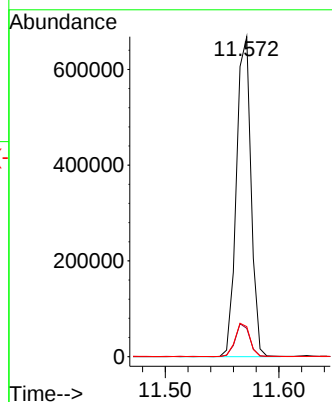
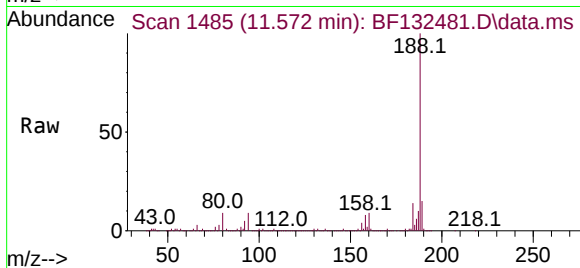
Tgt Ion:188 Resp: 596477

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

80 9.4 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.224 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BF132481.D

Acq: 20 Feb 2023 15:51

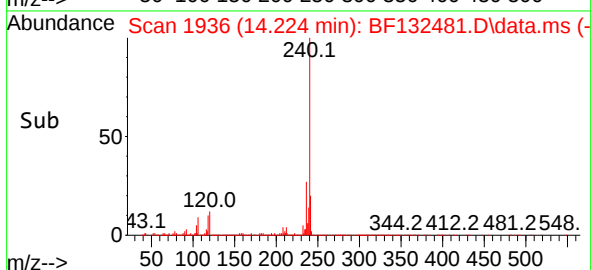
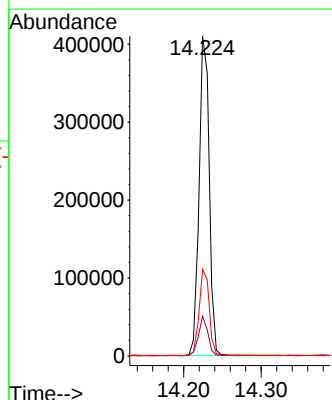
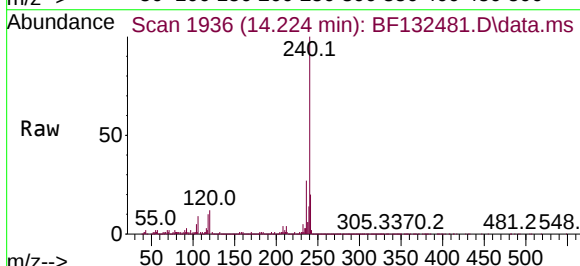
Tgt Ion:240 Resp: 372951

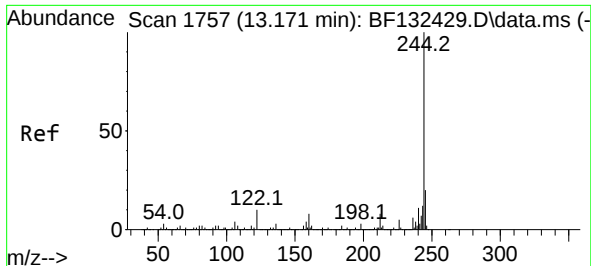
Ion Ratio Lower Upper

240 100

120 12.4 7.5 11.3#

236 27.1 21.0 31.6

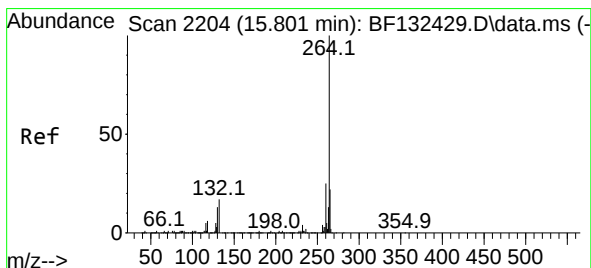
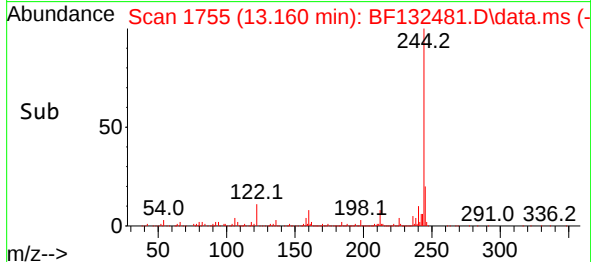
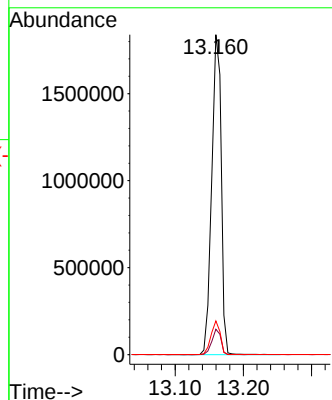
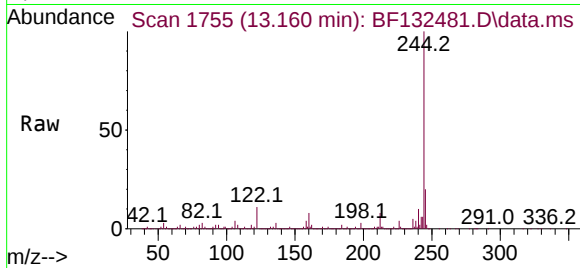




#79
 Terphenyl-d14
 Concen: 87.017 ng
 RT: 13.160 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132481.D
 Acq: 20 Feb 2023 15:51

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1781950
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 10.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.789 min Scan# 2202
 Delta R.T. -0.006 min
 Lab File: BF132481.D
 Acq: 20 Feb 2023 15:51

Tgt Ion:264 Resp: 295754
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.1 17.2 25.8

