

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132480.D
 Acq On : 20 Feb 2023 15:18
 Operator : CG\JU
 Sample : 01593-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-2

Quant Time: Feb 20 15:52:04 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	215343	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	765161	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	358292	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	540223	20.000	ng	0.00
76) Chrysene-d12	14.224	240	345200	20.000	ng	#-0.01
86) Perylene-d12	15.789	264	260136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1100745	81.906	ng	-0.01
7) Phenol-d6	6.642	99	1087341	61.963	ng	-0.01
23) Nitrobenzene-d5	7.589	82	1268933	79.684	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	358594	100.311	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	1929278	83.155	ng	0.00
79) Terphenyl-d14	13.160	244	1641389	86.596	ng	0.00

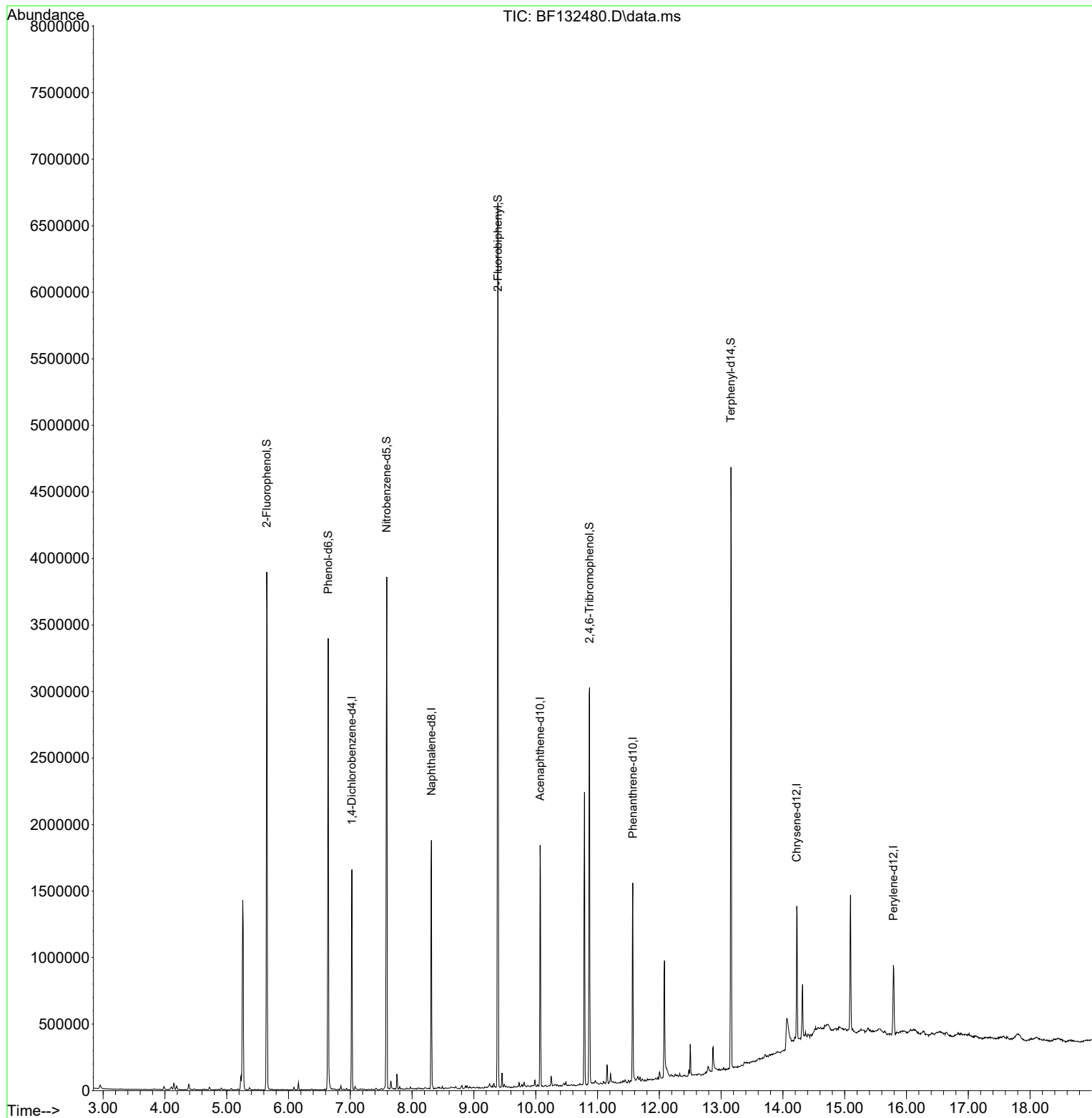
Target Compounds Qvalue

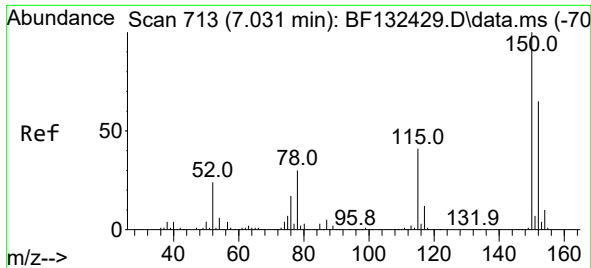
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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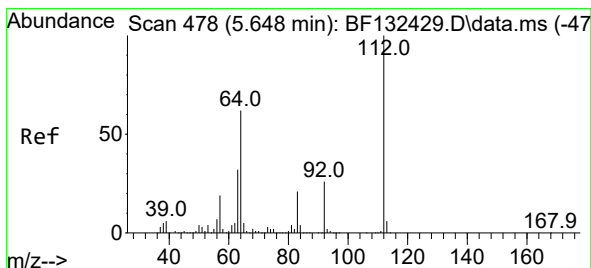
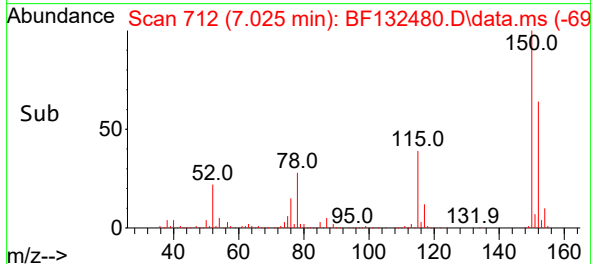
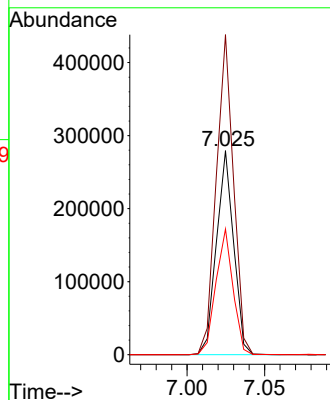
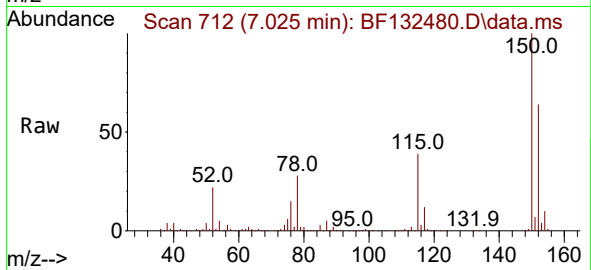




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.025 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132480.D
Acq: 20 Feb 2023 15:18

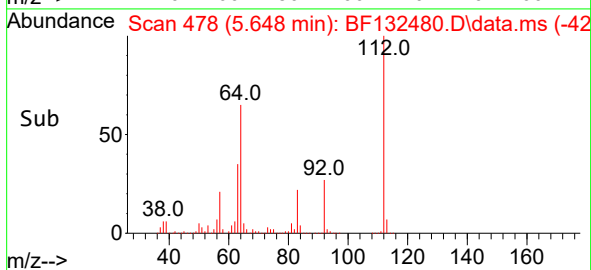
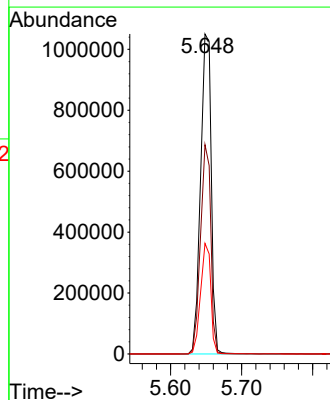
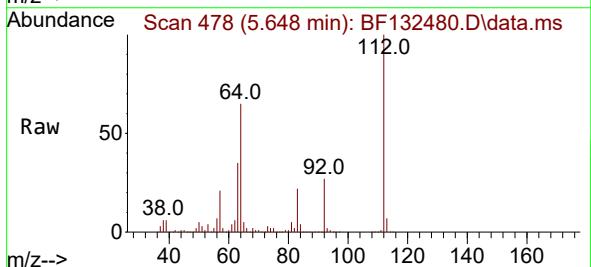
Instrument :
BNA_F
ClientSampleId :
SW-2

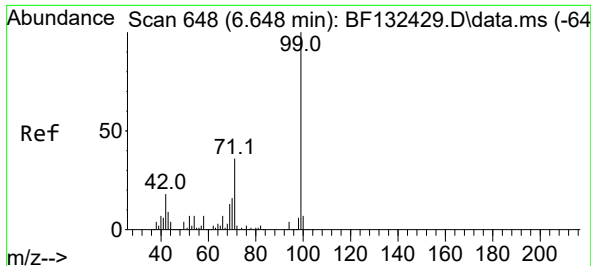
Tgt Ion:152 Resp: 215343
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.8
115 61.5 50.4 75.6



#5
2-Fluorophenol
Concen: 81.906 ng
RT: 5.648 min Scan# 478
Delta R.T. -0.012 min
Lab File: BF132480.D
Acq: 20 Feb 2023 15:18

Tgt Ion:112 Resp: 1100745
Ion Ratio Lower Upper
112 100
64 65.4 49.7 74.5
63 34.5 25.8 38.8

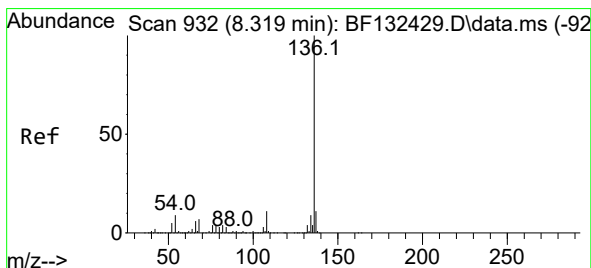
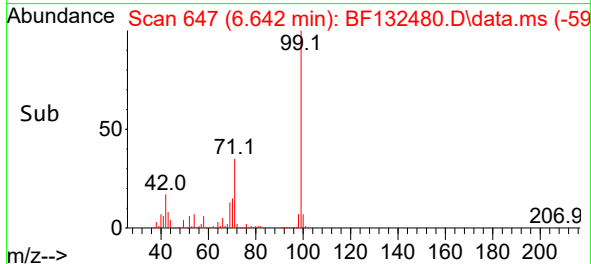
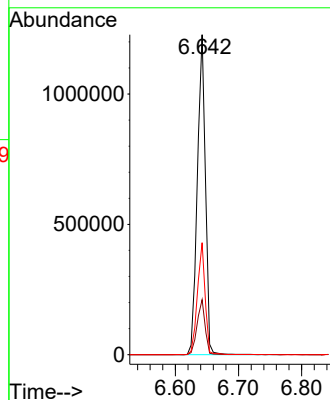
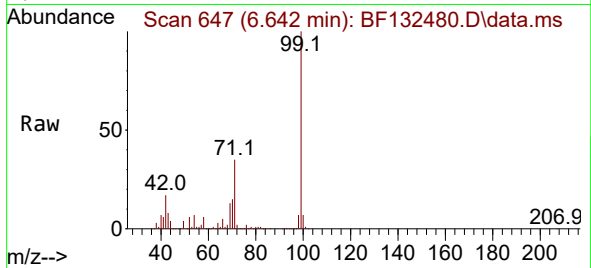




#7
Phenol-d6
Concen: 61.963 ng
RT: 6.642 min Scan# 648
Delta R.T. -0.012 min
Lab File: BF132480.D
Acq: 20 Feb 2023 15:18

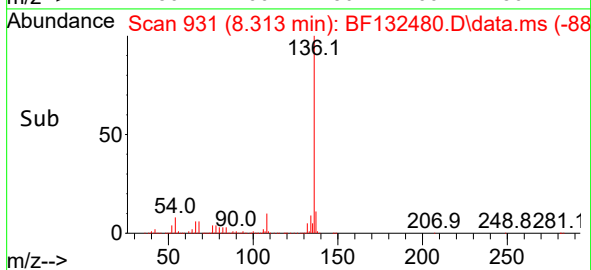
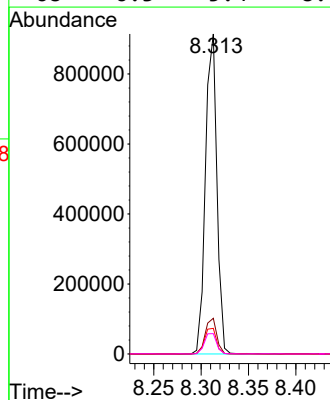
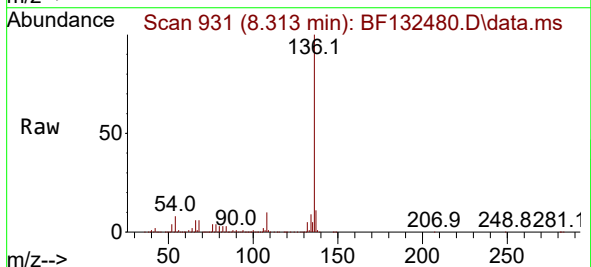
Instrument :
BNA_F
ClientSampleId :
SW-2

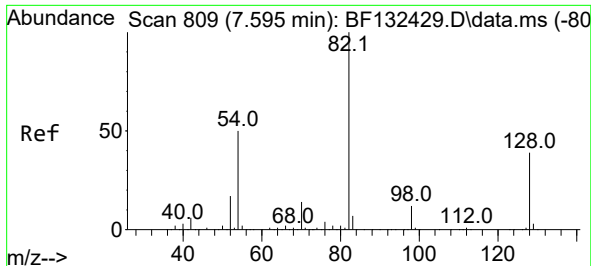
Tgt Ion: 99 Resp: 1087341
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 35.0 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF132480.D
Acq: 20 Feb 2023 15:18

Tgt Ion:136 Resp: 765161
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 6.9 10.3
68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 79.684 ng

RT: 7.589 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132480.D

Acq: 20 Feb 2023 15:18

Instrument :

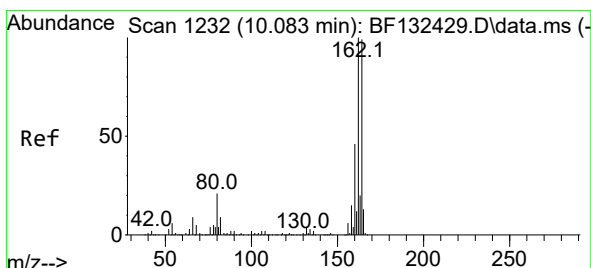
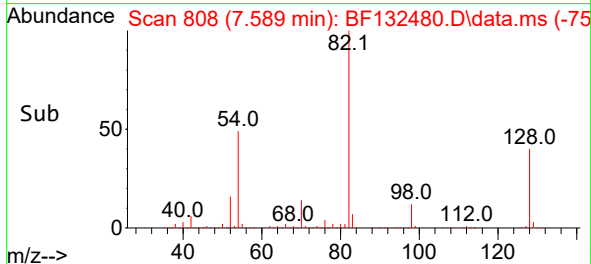
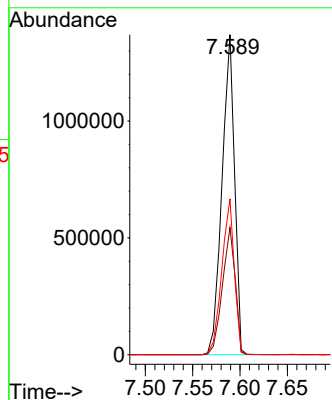
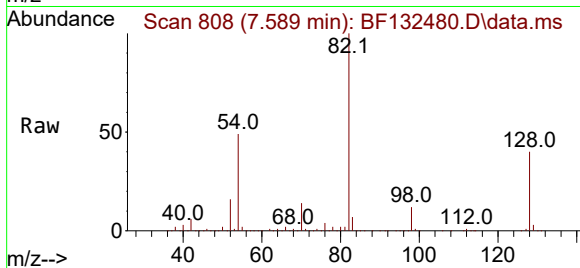
BNA_F

ClientSampleId :

SW-2

Tgt Ion: 82 Resp: 1268933

Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.8	46.2
54	48.7	40.2	60.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.072 min Scan# 1230

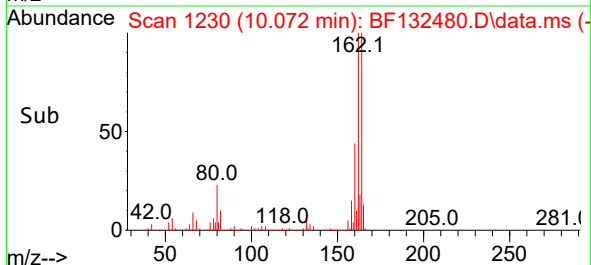
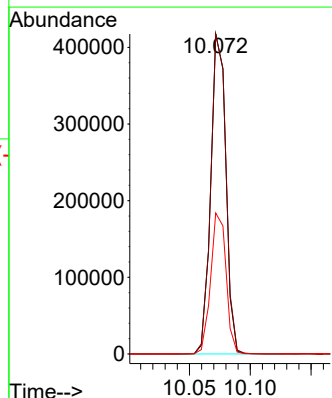
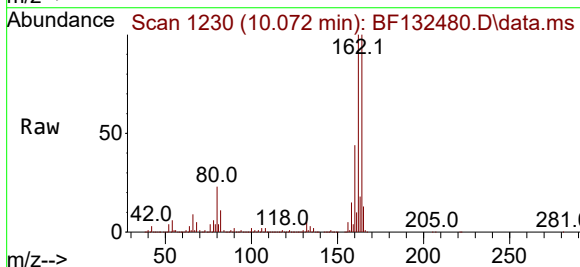
Delta R.T. -0.006 min

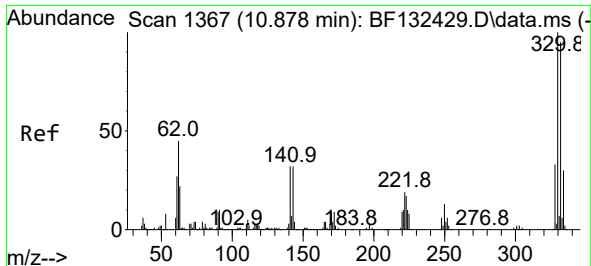
Lab File: BF132480.D

Acq: 20 Feb 2023 15:18

Tgt Ion:164 Resp: 358292

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.8	121.2
160	44.1	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 100.311 ng

RT: 10.872 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF132480.D

Acq: 20 Feb 2023 15:18

Instrument :

BNA_F

ClientSampleId :

SW-2

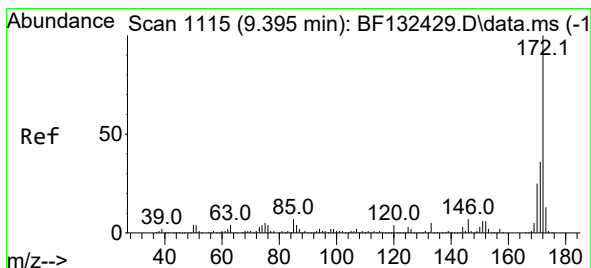
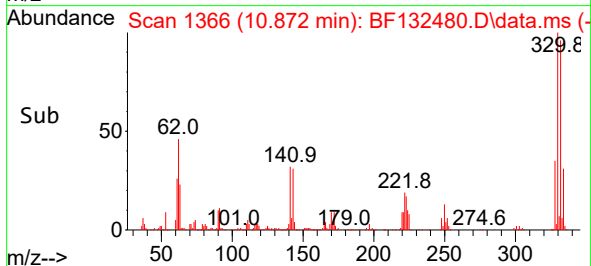
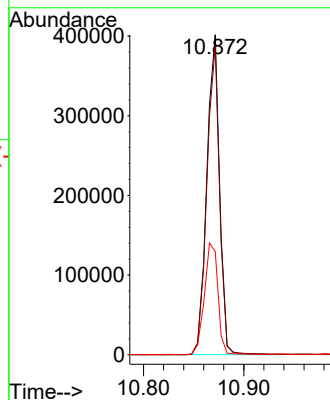
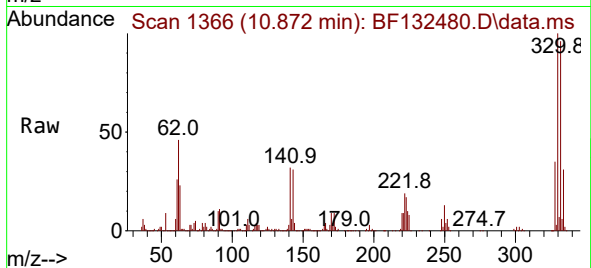
Tgt Ion:330 Resp: 358594

Ion Ratio Lower Upper

330 100

332 95.7 76.3 114.5

141 37.2 30.3 45.5



#45

2-Fluorobiphenyl

Concen: 83.155 ng

RT: 9.389 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF132480.D

Acq: 20 Feb 2023 15:18

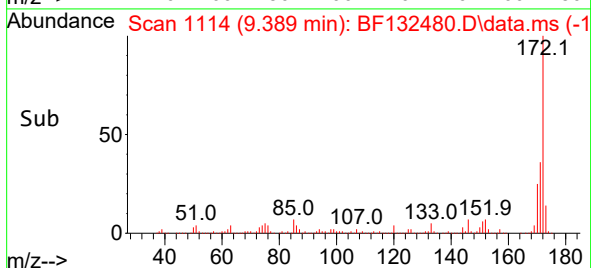
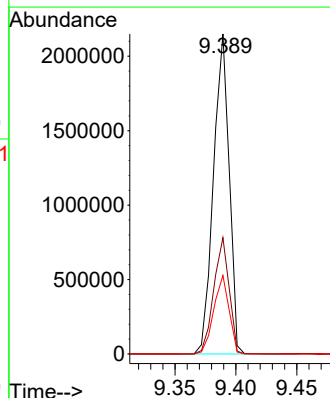
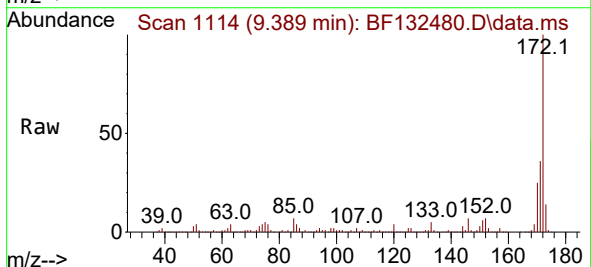
Tgt Ion:172 Resp: 1929278

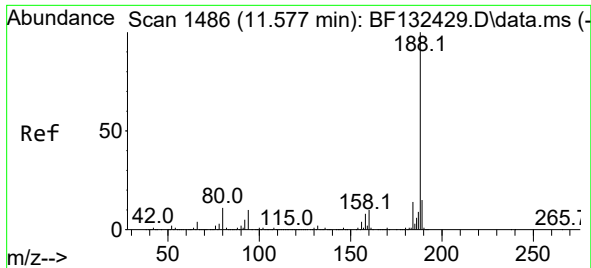
Ion Ratio Lower Upper

172 100

171 36.3 28.6 42.8

170 24.5 19.9 29.9

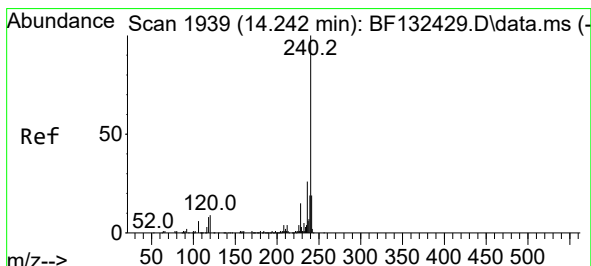
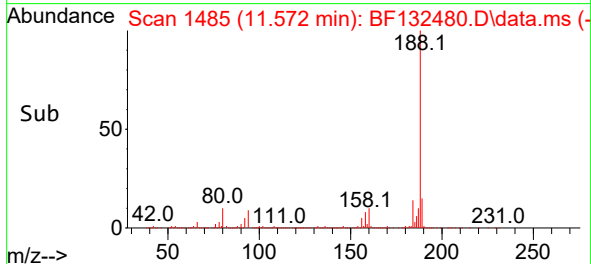
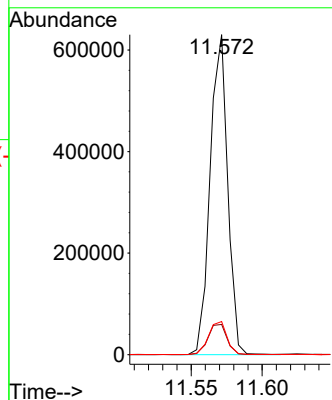
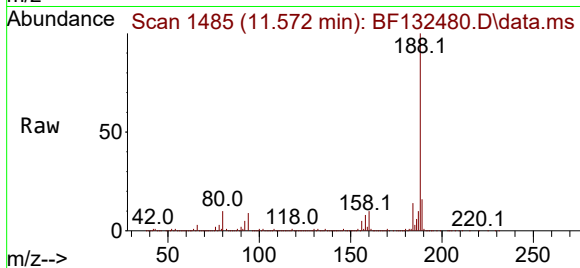




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132480.D
Acq: 20 Feb 2023 15:18

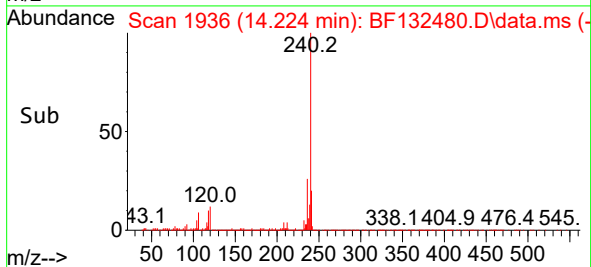
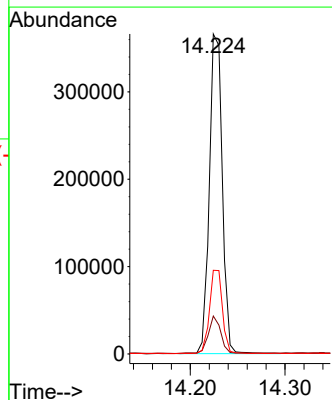
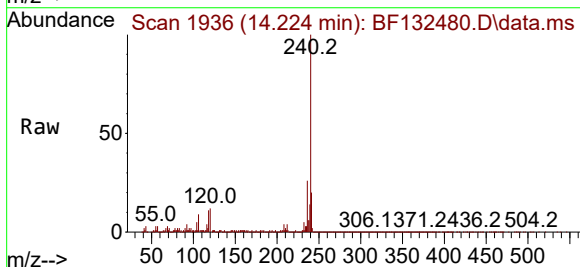
Instrument :
BNA_F
ClientSampleId :
SW-2

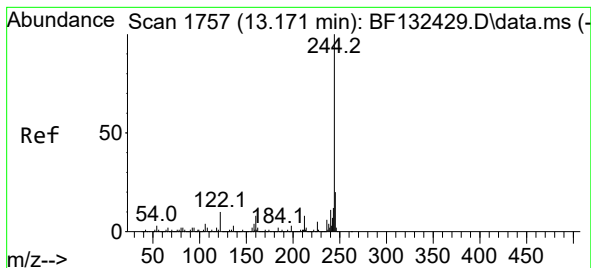
Tgt Ion:188 Resp: 540223
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BF132480.D
Acq: 20 Feb 2023 15:18

Tgt Ion:240 Resp: 345200
Ion Ratio Lower Upper
240 100
120 11.9 7.5 11.3#
236 26.1 21.0 31.6





#79

Terphenyl-d14

Concen: 86.596 ng

RT: 13.160 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132480.D

Acq: 20 Feb 2023 15:18

Instrument :

BNA_F

ClientSampleId :

SW-2

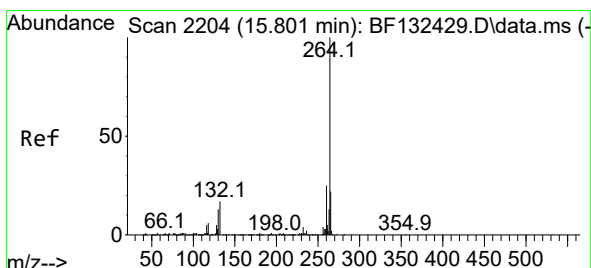
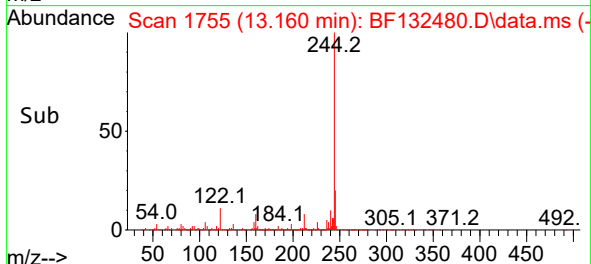
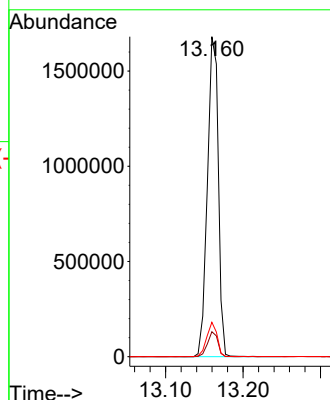
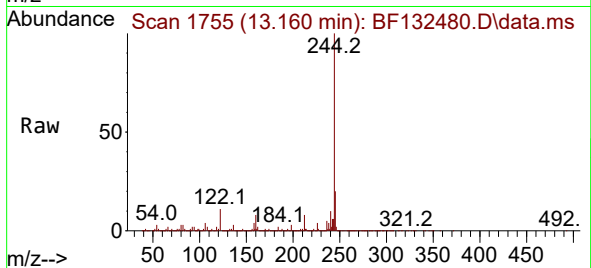
Tgt Ion:244 Resp: 1641389

Ion Ratio Lower Upper

244 100

212 7.8 6.7 10.1

122 10.8 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: BF132480.D

Acq: 20 Feb 2023 15:18

Tgt Ion:264 Resp: 260136

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 22.2 17.2 25.8

