

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128551.D
 Acq On : 28 May 2022 16:36
 Operator : CG\JU
 Sample : N2933-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-2430-01

Quant Time: May 28 22:42:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	178091	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	674975	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	372290	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	674667	20.000	ng	0.00
76) Chrysene-d12	13.998	240	426897	20.000	ng	-0.01
86) Perylene-d12	15.462	264	357284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	945905	87.978	ng	0.00
7) Phenol-d6	6.463	99	1218670	88.898	ng	0.00
23) Nitrobenzene-d5	7.398	82	825608	70.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	348350	98.305	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1551882	67.723	ng	0.00
79) Terphenyl-d14	12.951	244	1546924	70.007	ng	0.00

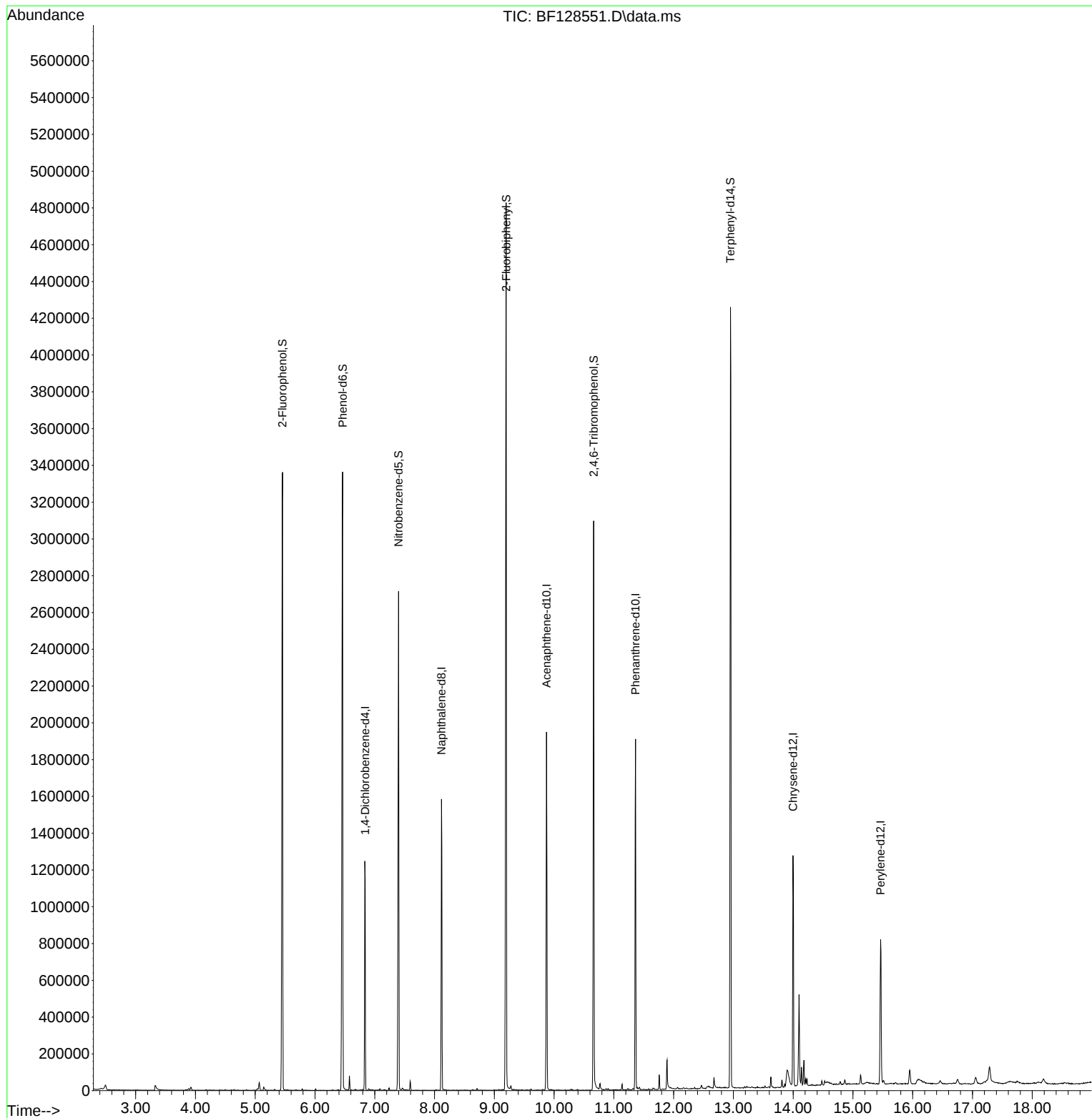
Target Compounds	Qvalue

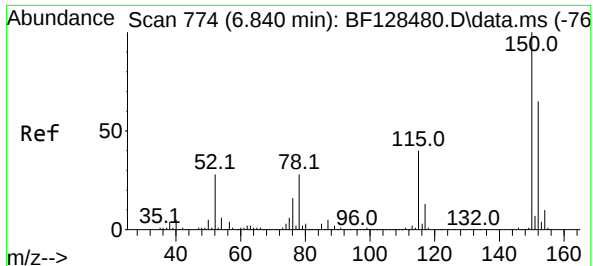
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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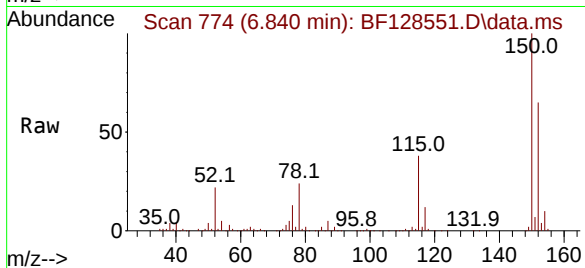
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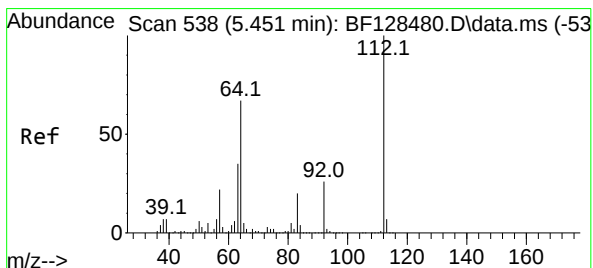
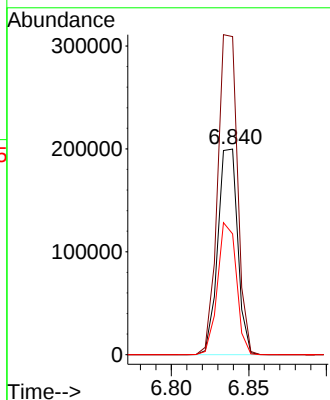
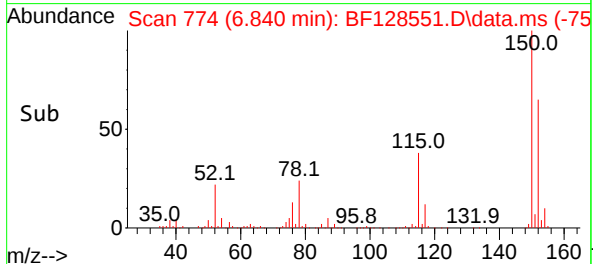


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

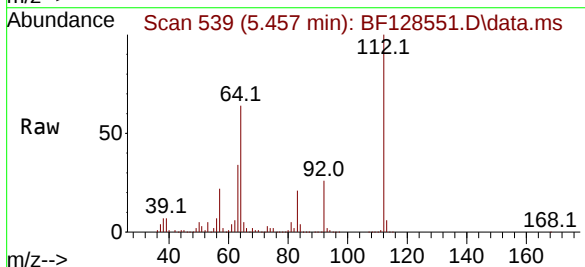
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01



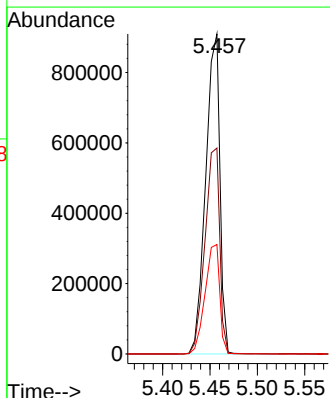
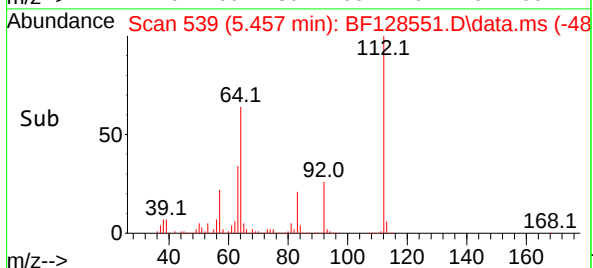
Tgt Ion:152 Resp: 178091
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 58.8 49.9 74.9

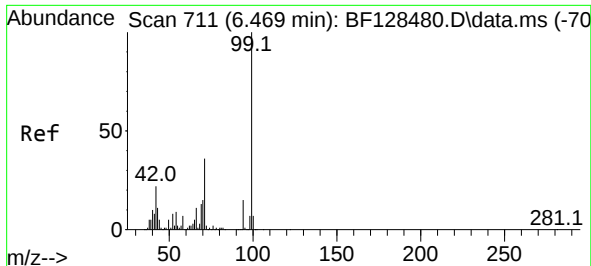


#5
2-Fluorophenol
Concen: 87.978 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36



Tgt Ion:112 Resp: 945905
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 34.2 28.0 42.0

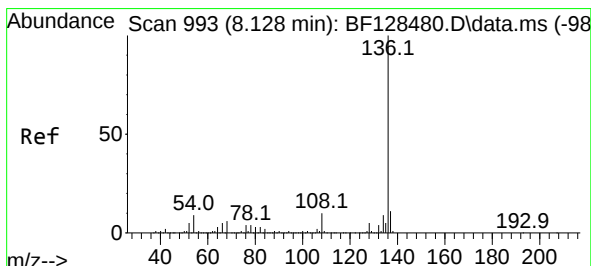
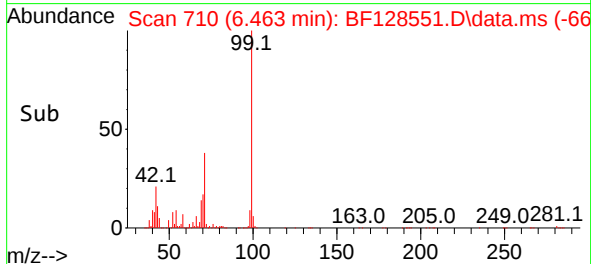
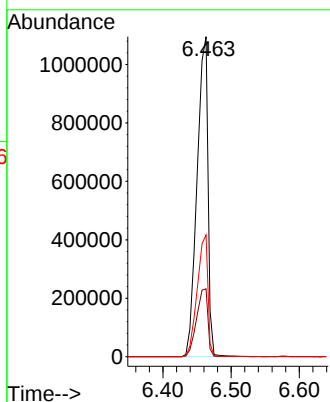
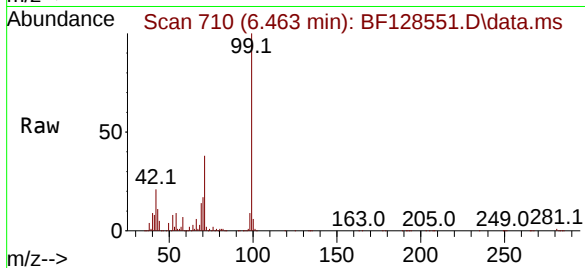




#7
Phenol-d6
Concen: 88.898 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

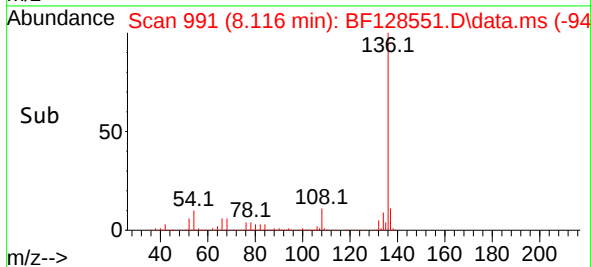
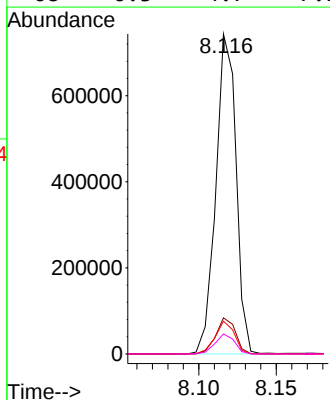
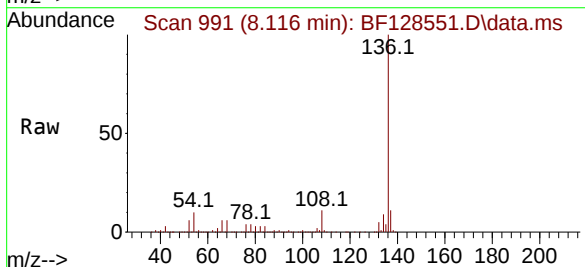
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

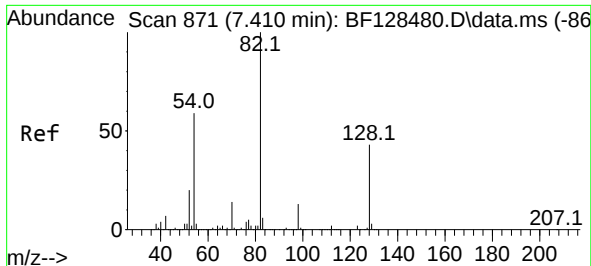
Tgt Ion: 99 Resp: 1218670
Ion Ratio Lower Upper
99 100
42 21.2 17.3 25.9
71 38.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:136 Resp: 674975
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.3 7.5 11.3
68 6.3 4.7 7.1

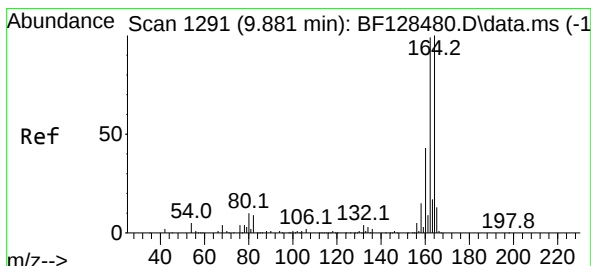
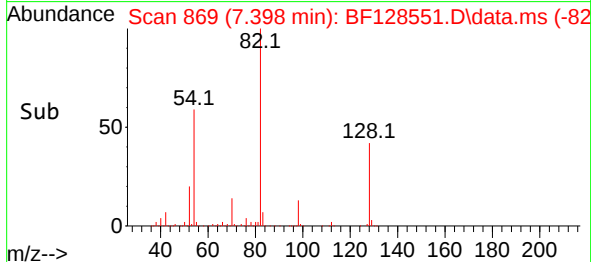
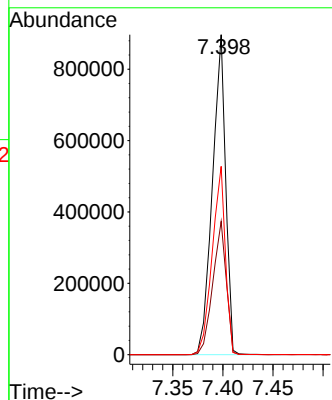
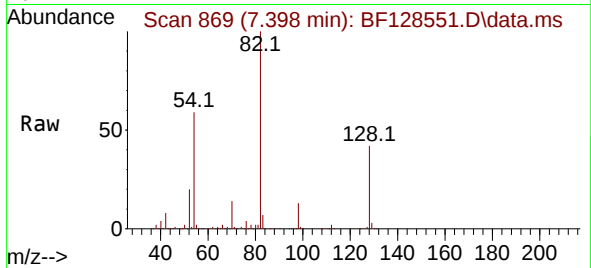




#23
Nitrobenzene-d5
Concen: 70.562 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

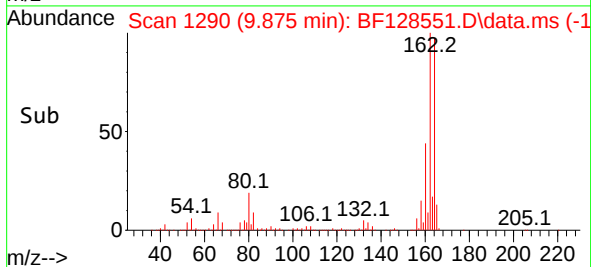
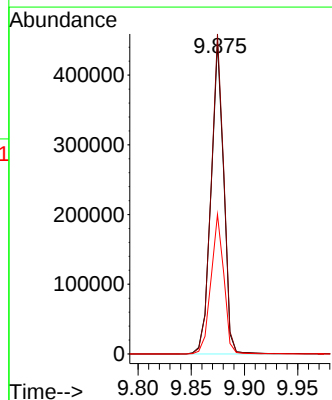
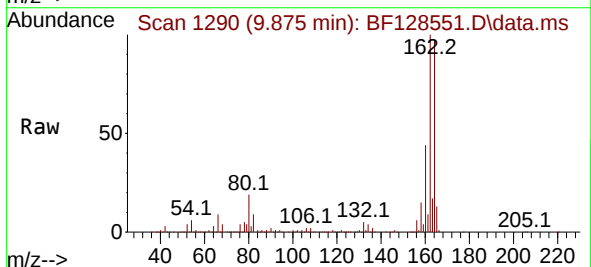
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

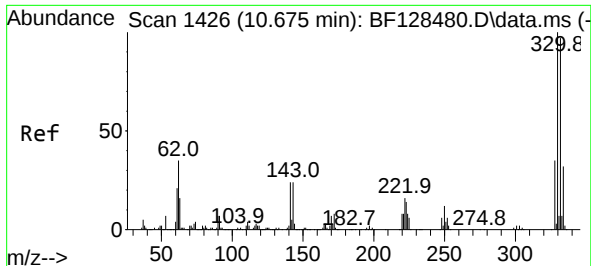
Tgt Ion: 82 Resp: 825608
Ion Ratio Lower Upper
82 100
128 41.7 34.0 51.0
54 58.8 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion: 164 Resp: 372290
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.305 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128551.D

Acq: 28 May 2022 16:36

Instrument :

BNA_F

ClientSampleId :

P023-SS001-2430-01

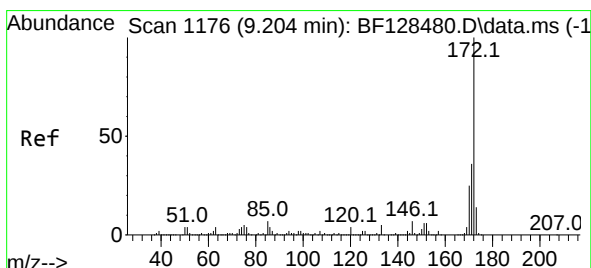
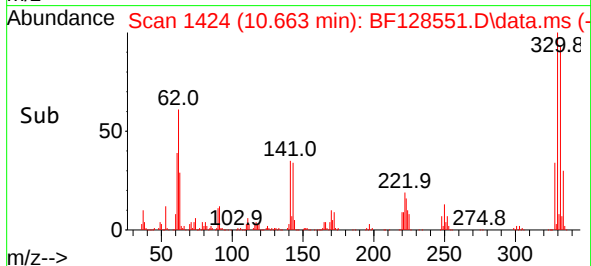
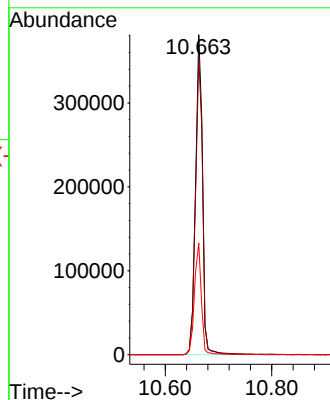
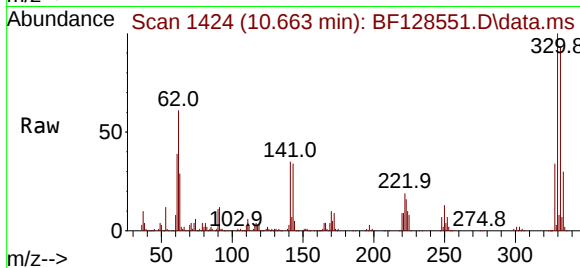
Tgt Ion:330 Resp: 348350

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.723 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128551.D

Acq: 28 May 2022 16:36

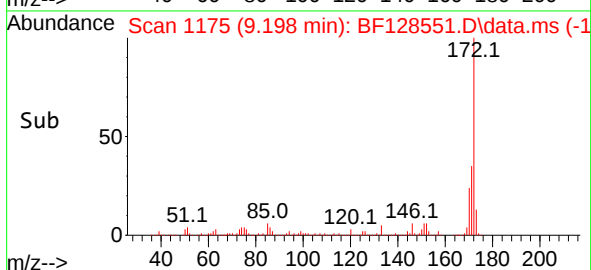
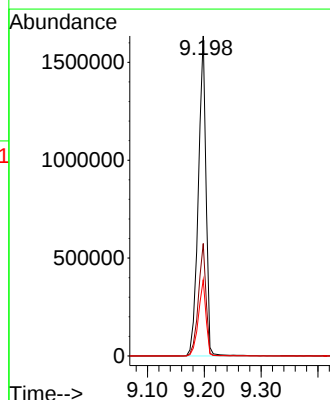
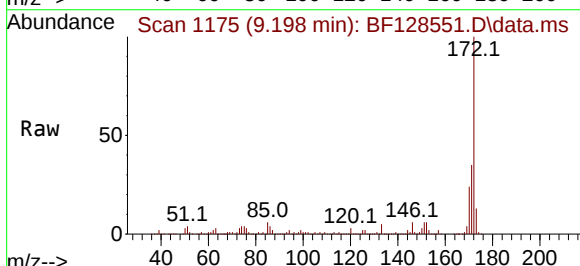
Tgt Ion:172 Resp: 1551882

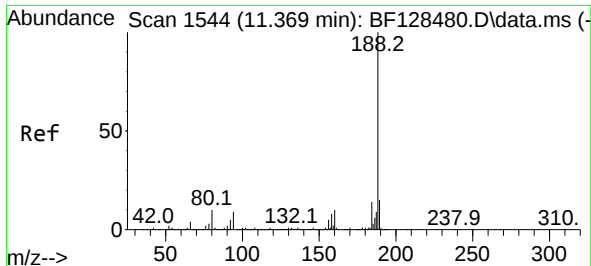
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.8 19.8 29.8

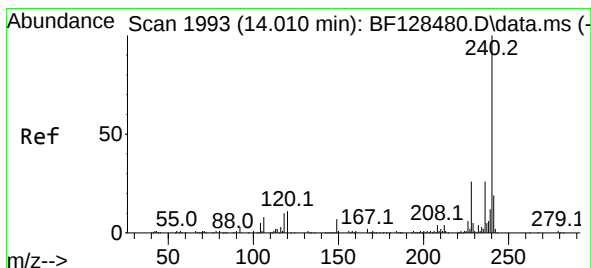
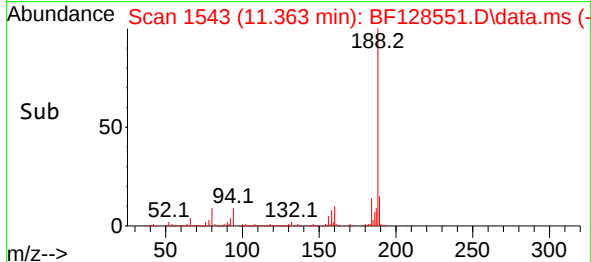
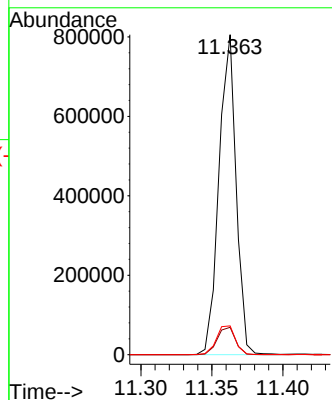
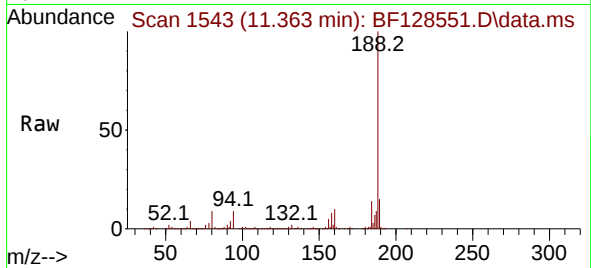




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

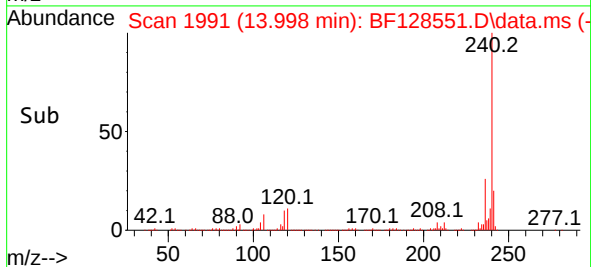
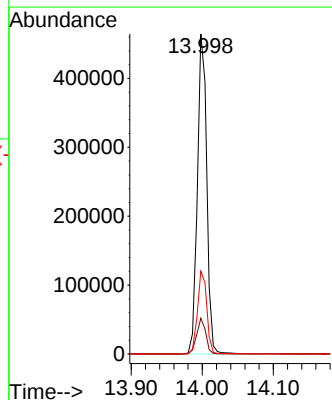
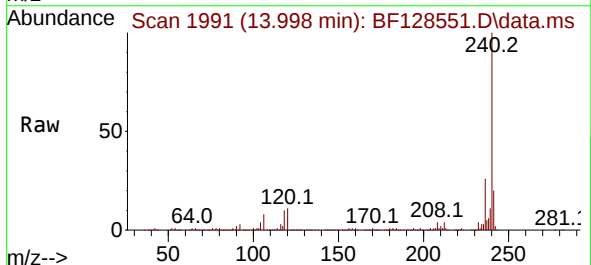
Instrument :
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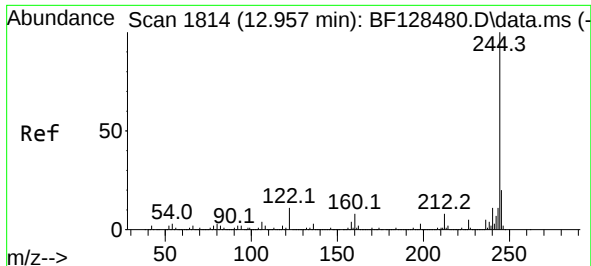
Tgt Ion:188 Resp: 674667
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

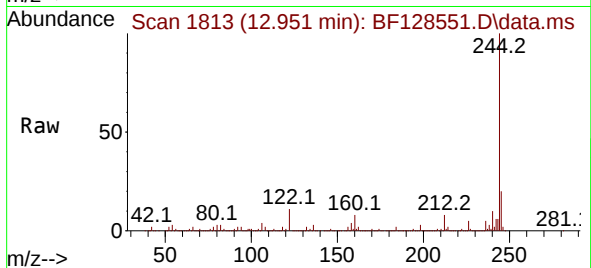
Tgt Ion:240 Resp: 426897
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.8 20.8 31.2



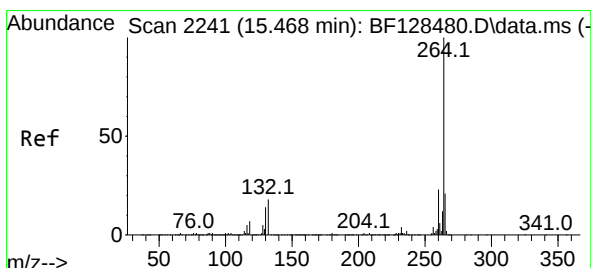
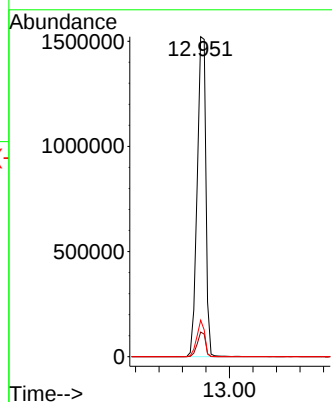
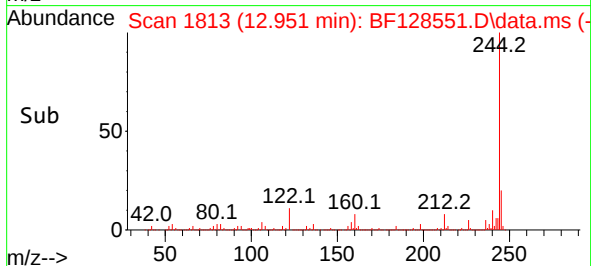


#79
Terphenyl-d14
Concen: 70.007 ng
RT: 12.951 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01



Tgt Ion:244 Resp: 1546924
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 11.4 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2240
Delta R.T. -0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:264 Resp: 357284
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 20.7 17.2 25.8

