

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128554.D
 Acq On : 28 May 2022 18:07
 Operator : CG\JU
 Sample : N2933-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS003-0006-01

Quant Time: May 28 22:43:19 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	6.839	152	164607	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	640468	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	353606	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	623848	20.000	ng	0.00
76) Chrysene-d12	13.998	240	384439	20.000	ng	-0.01
86) Perylene-d12	15.468	264	335925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1177026	118.442	ng	0.00
7) Phenol-d6	6.463	99	1536337	121.251	ng	0.00
23) Nitrobenzene-d5	7.398	82	1053046	94.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	434270	129.027	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1817137	83.488	ng	0.00
79) Terphenyl-d14	12.957	244	1713627	86.117	ng	0.00

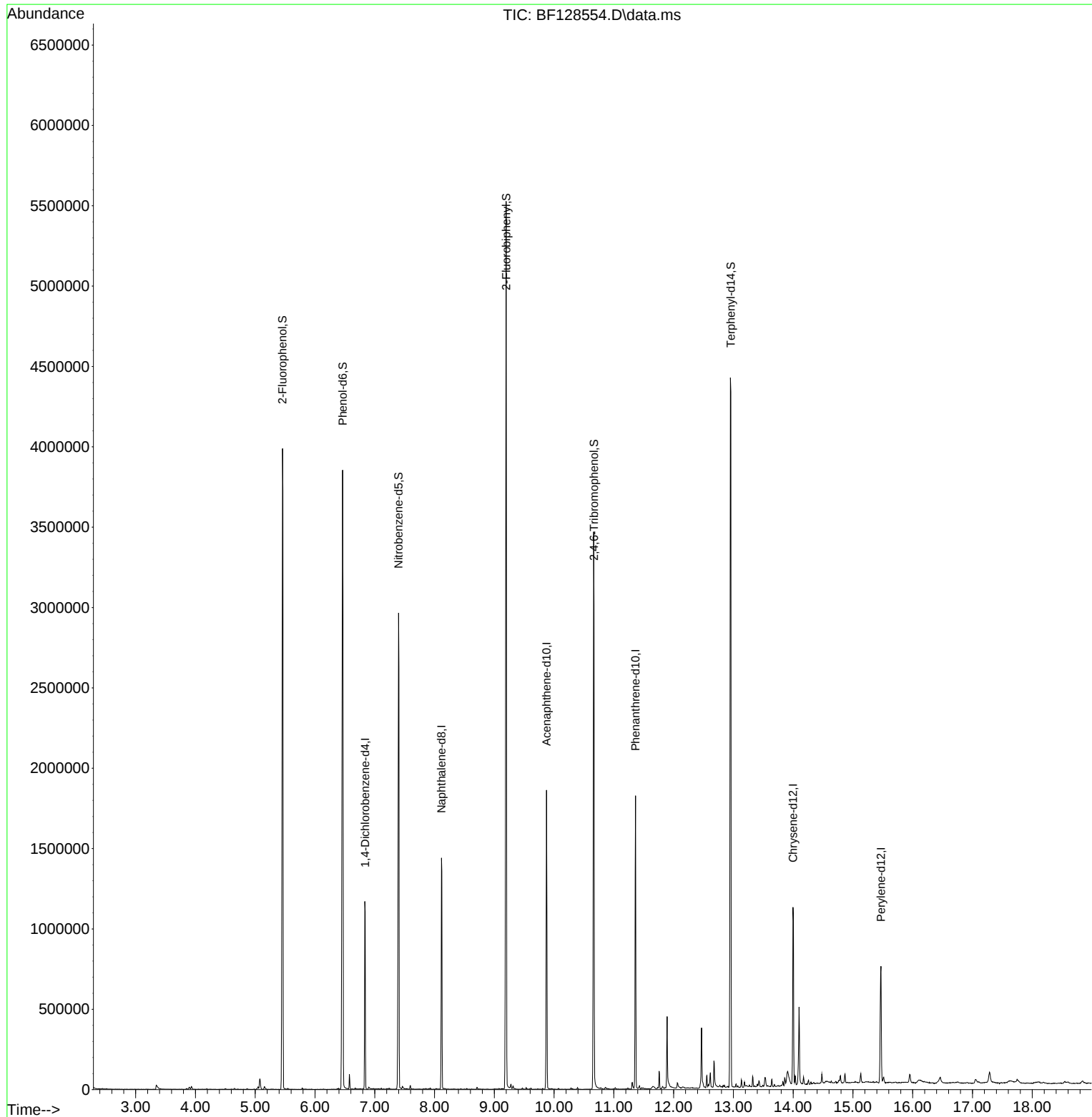
Target Compounds	Qvalue

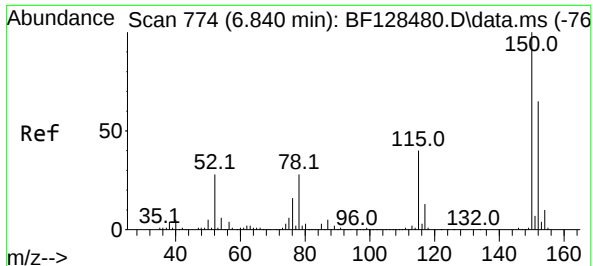
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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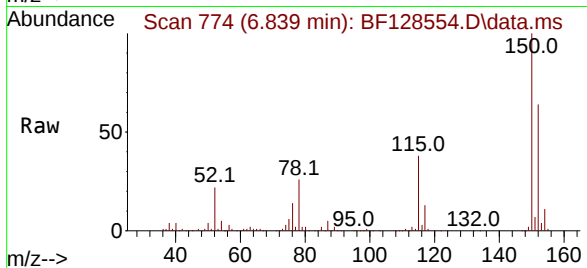
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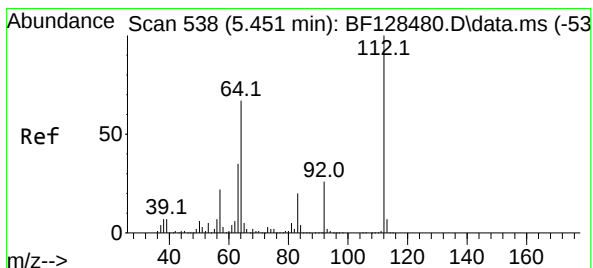
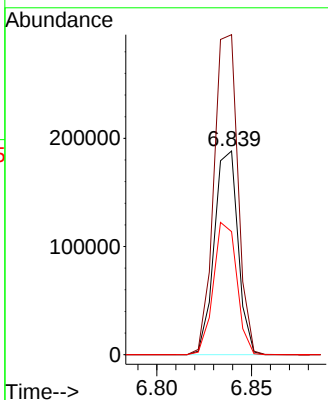
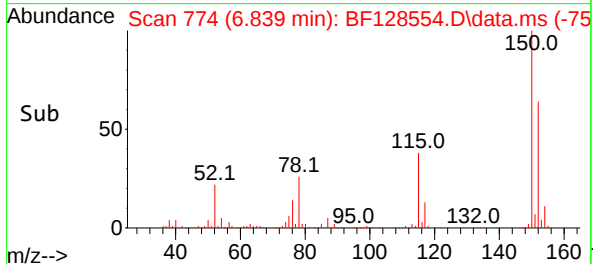


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

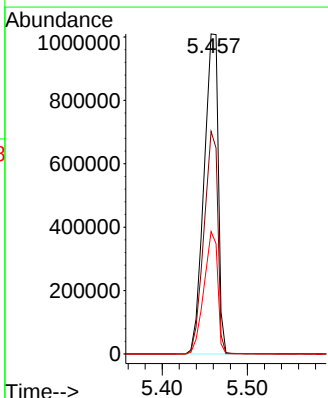
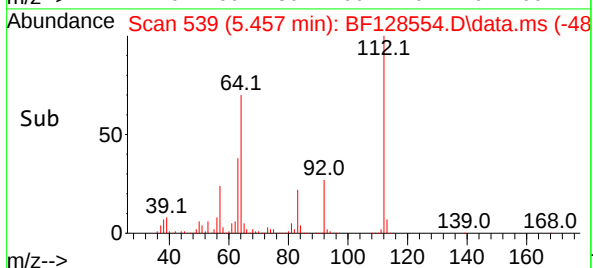
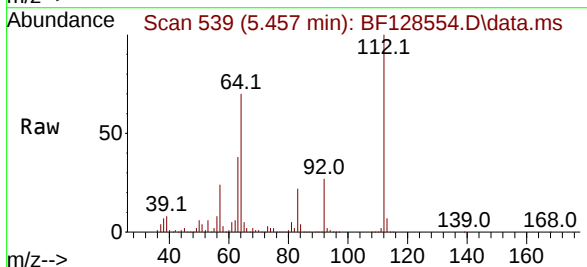


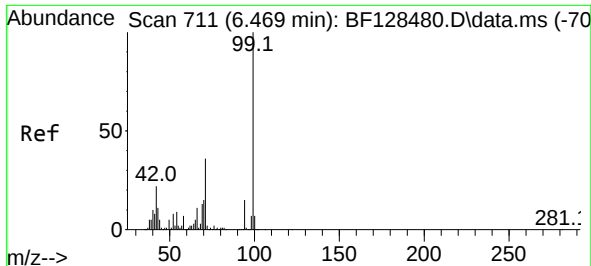
Tgt Ion:152 Resp: 164607
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 60.4 49.9 74.9



#5
2-Fluorophenol
Concen: 118.442 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

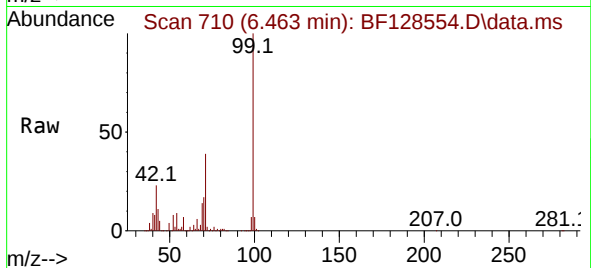
Tgt Ion:112 Resp: 1177026
Ion Ratio Lower Upper
112 100
64 69.5 53.3 79.9
63 38.3 28.0 42.0





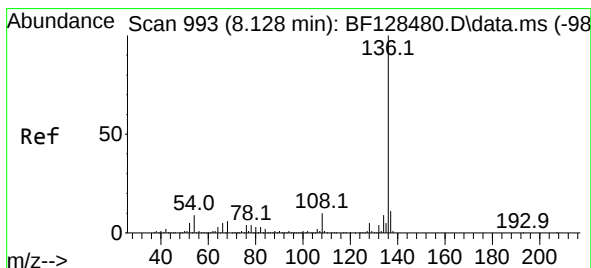
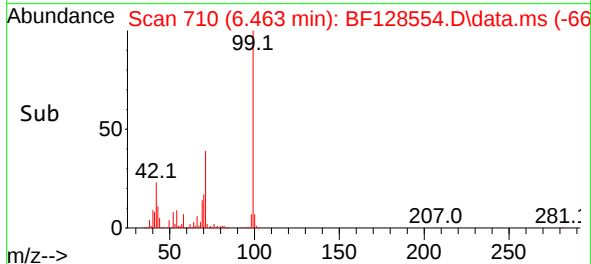
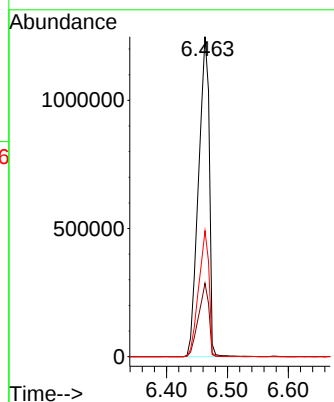
#7
Phenol-d6
Concen: 121.251 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

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Tgt Ion: 99 Resp: 1536337

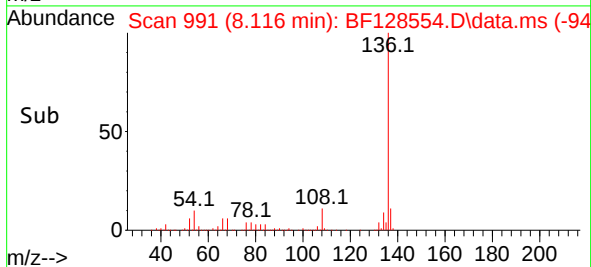
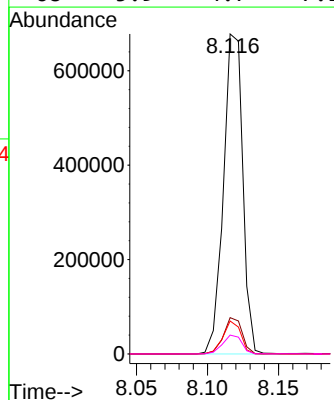
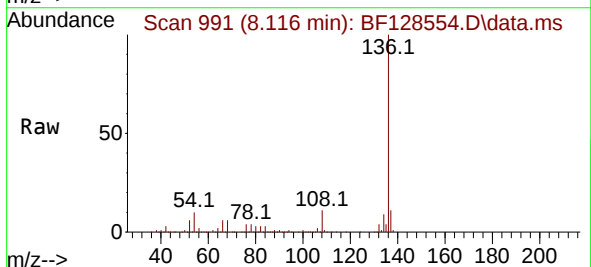
Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.3	25.9
71	39.4	28.9	43.3

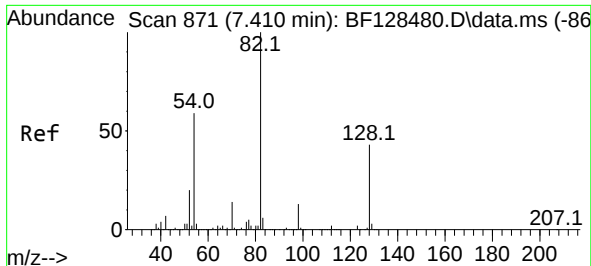


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion: 136 Resp: 640468

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.3	7.5	11.3
68	5.9	4.7	7.1

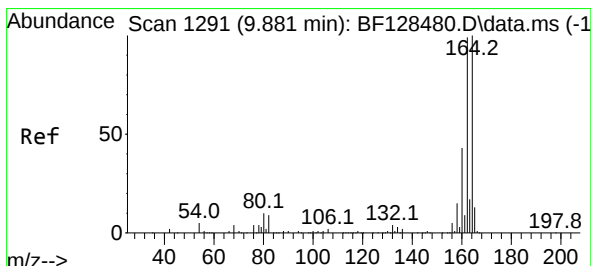
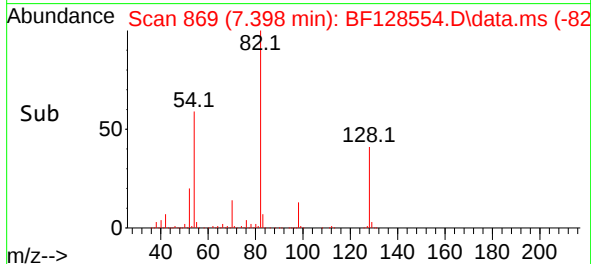
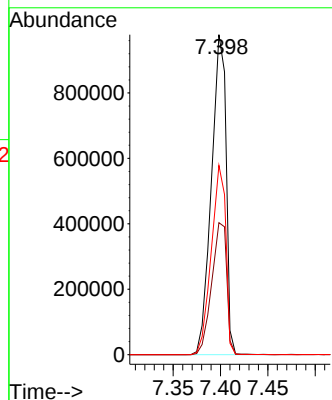
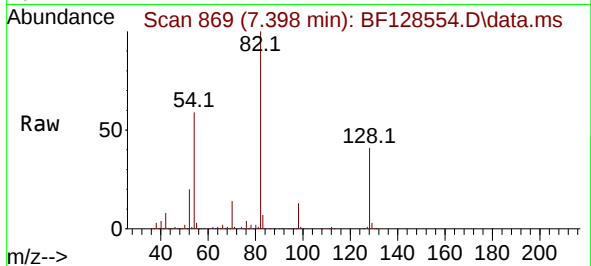




#23
Nitrobenzene-d5
Concen: 94.850 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

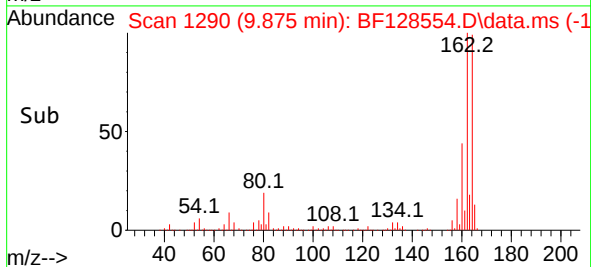
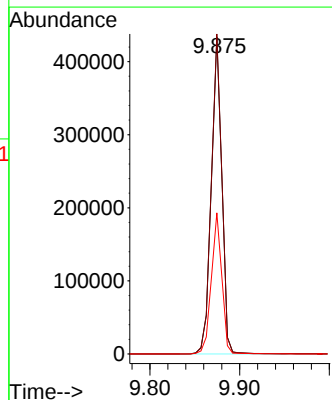
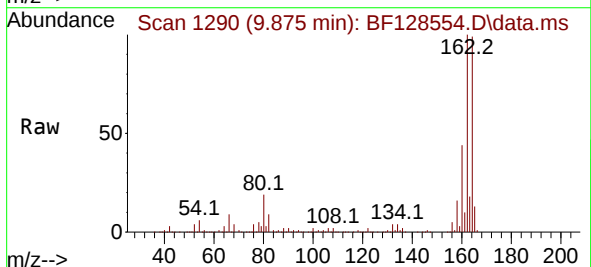
Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

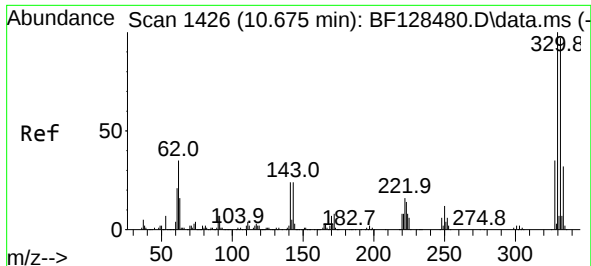
Tgt Ion: 82 Resp: 1053046
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 59.2 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion: 164 Resp: 353606
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 129.027 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128554.D

Acq: 28 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

P023-SS003-0006-01

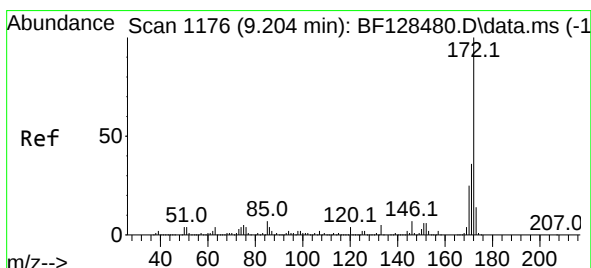
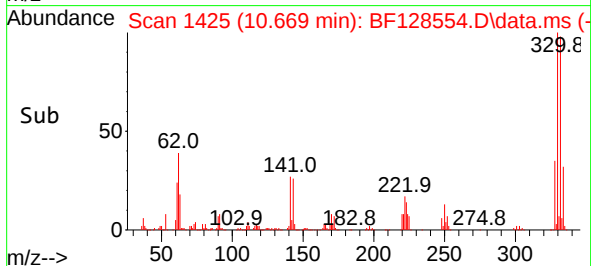
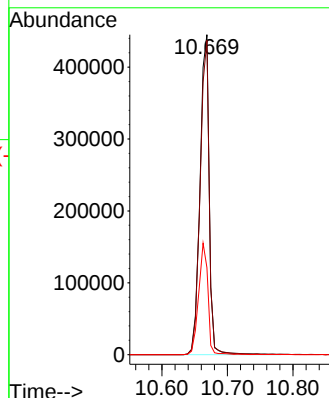
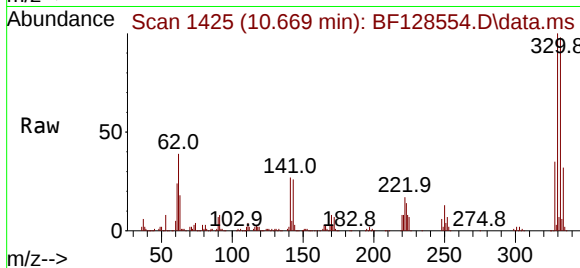
Tgt Ion:330 Resp: 434270

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.488 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128554.D

Acq: 28 May 2022 18:07

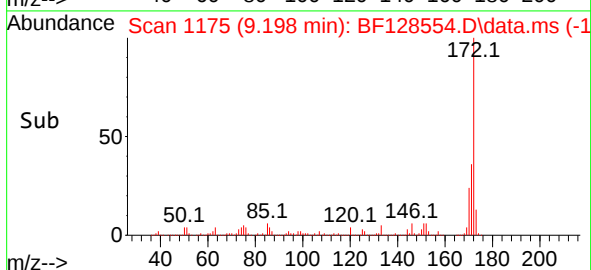
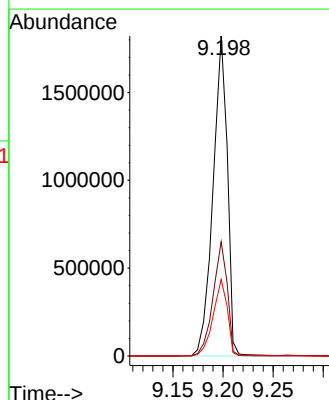
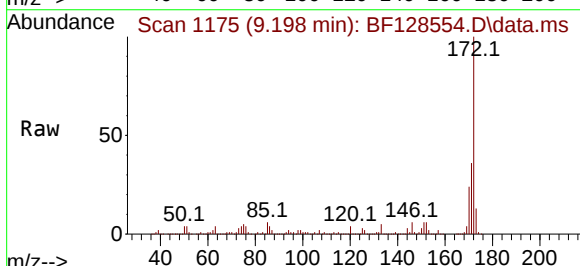
Tgt Ion:172 Resp: 1817137

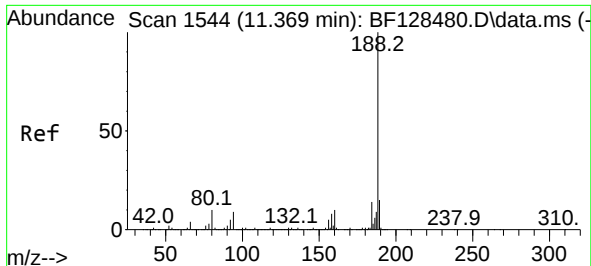
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 19.8 29.8

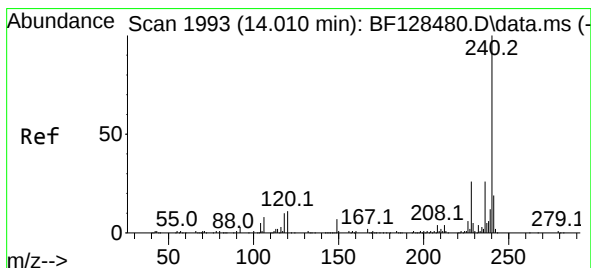
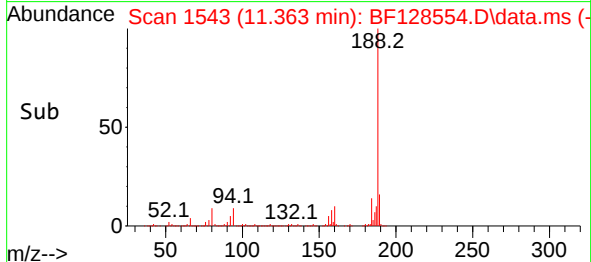
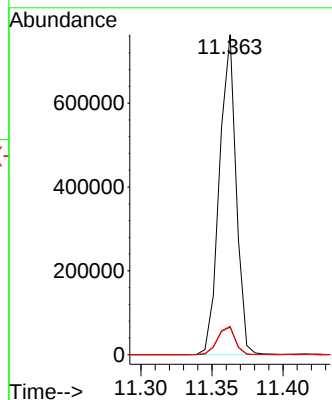
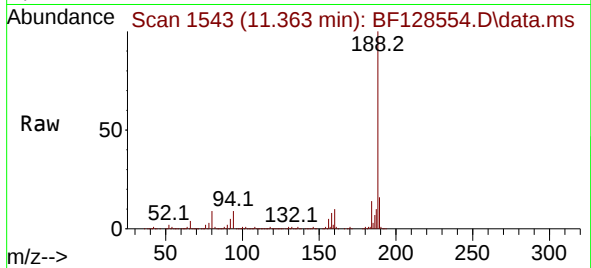




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

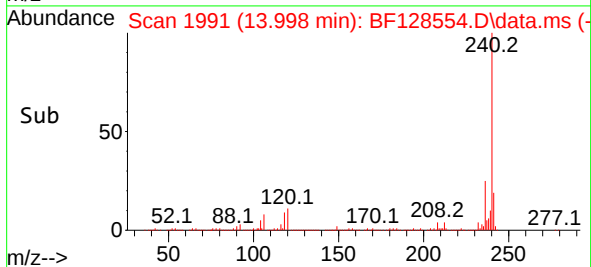
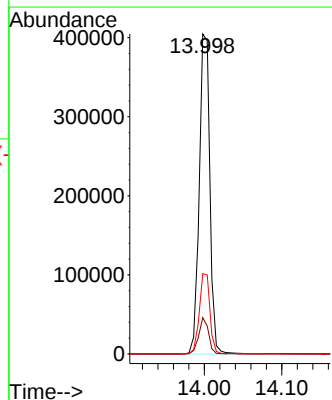
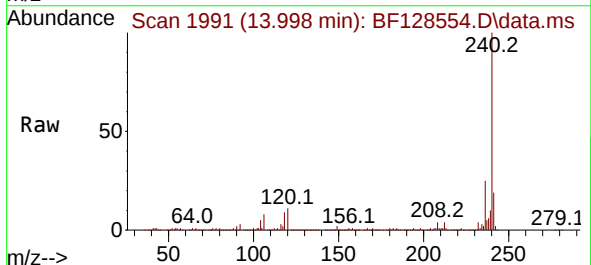
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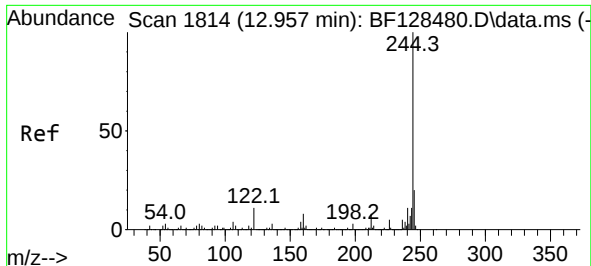
Tgt Ion:188 Resp: 623848
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:240 Resp: 384439
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.1 20.8 31.2

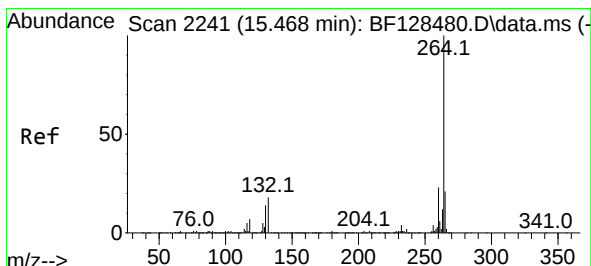
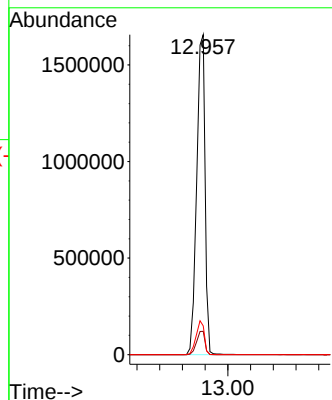
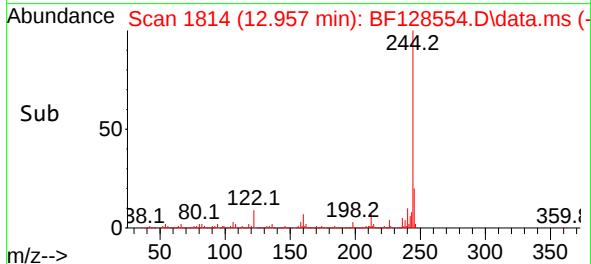
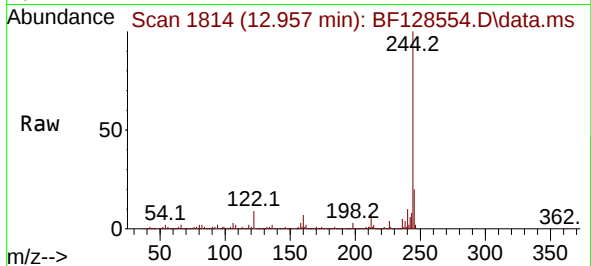




#79
 Terphenyl-d14
 Concen: 86.117 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128554.D
 Acq: 28 May 2022 18:07

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS003-0006-01

Tgt Ion:244 Resp: 1713627
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128554.D
 Acq: 28 May 2022 18:07

Tgt Ion:264 Resp: 335925
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.4 17.2 25.8

