

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128557.D
 Acq On : 28 May 2022 19:38
 Operator : CG\JU
 Sample : N2931-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-0612-01

Quant Time: May 28 22:43:38 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	150203	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	569111	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	308940	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	522764	20.000	ng	0.00
76) Chrysene-d12	13.998	240	328798	20.000	ng	-0.01
86) Perylene-d12	15.468	264	318201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	795614	87.739	ng	0.00
7) Phenol-d6	6.463	99	1049535	90.775	ng	0.00
23) Nitrobenzene-d5	7.398	82	686643	69.602	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	267818	91.076	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1235600	64.977	ng	0.00
79) Terphenyl-d14	12.951	244	1090705	64.088	ng	0.00

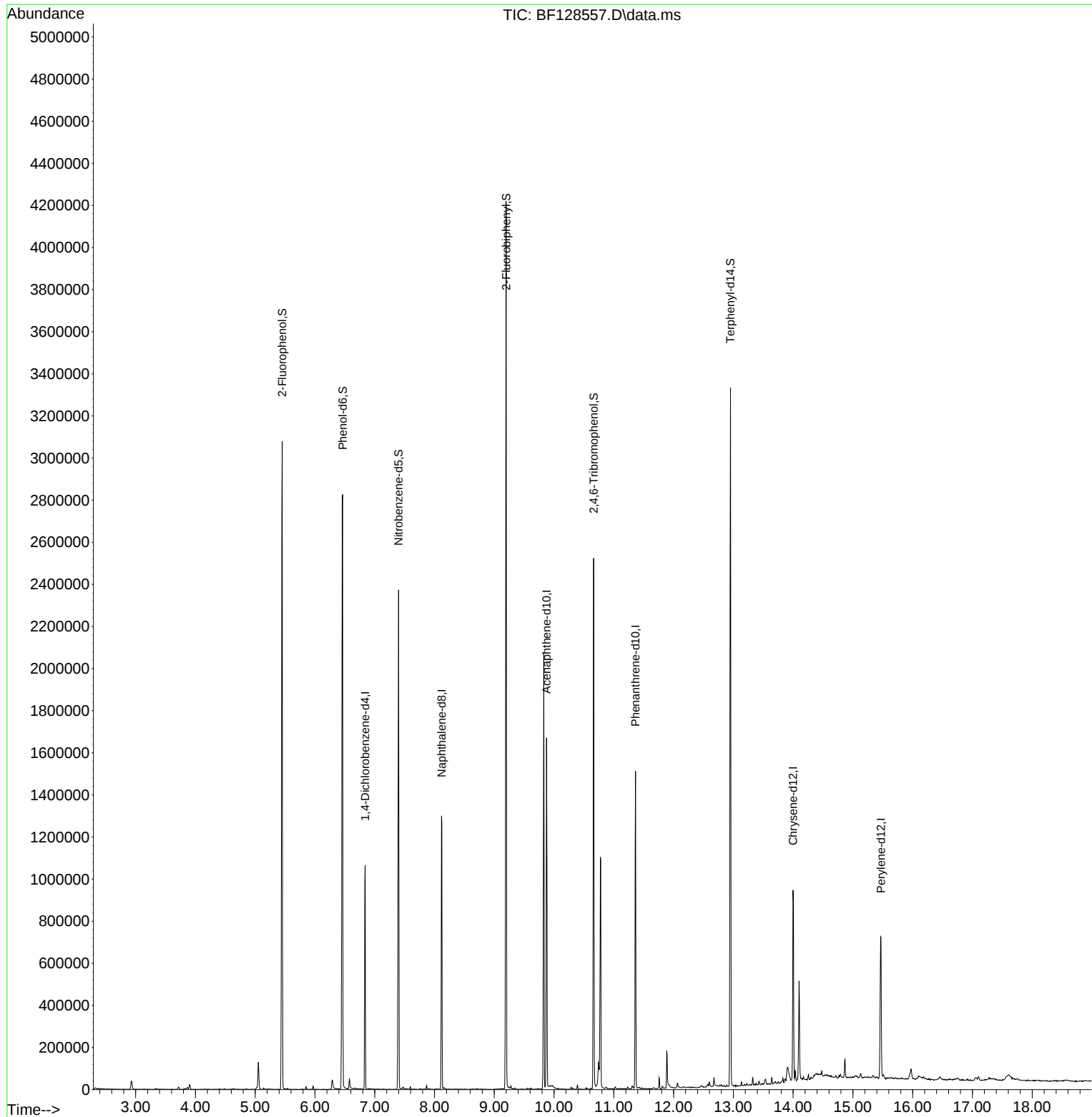
Target Compounds	Qvalue

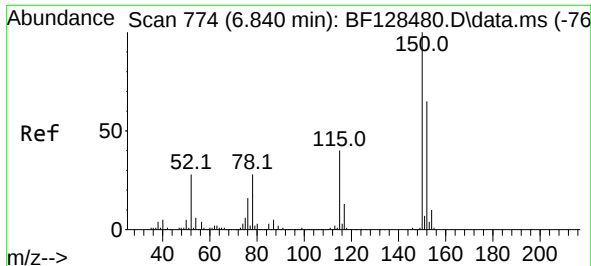
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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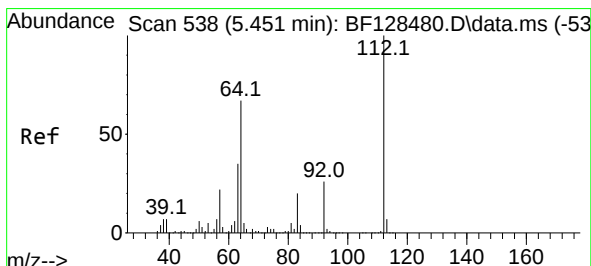
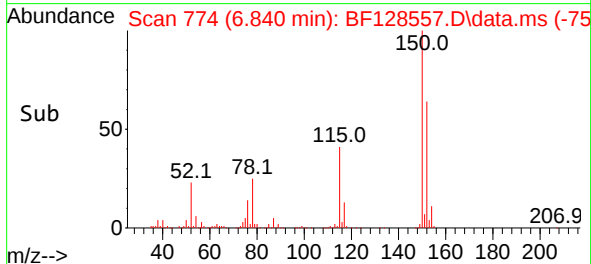
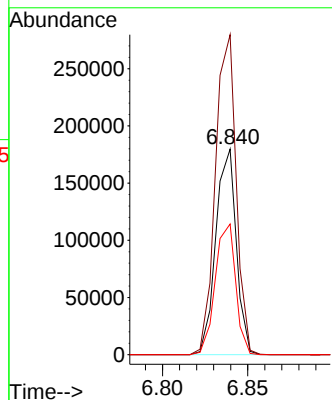
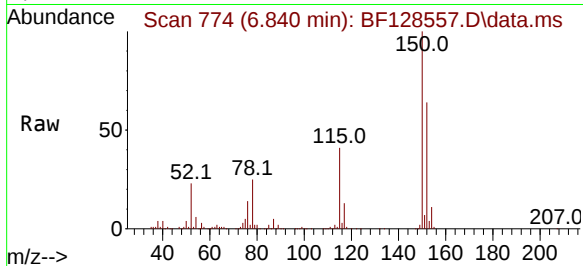




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

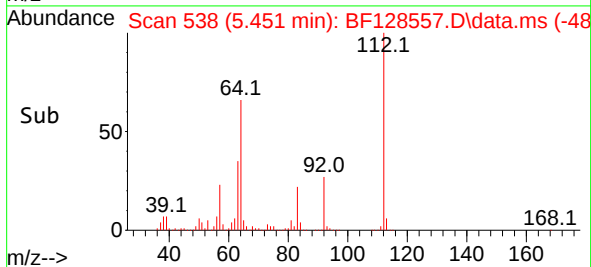
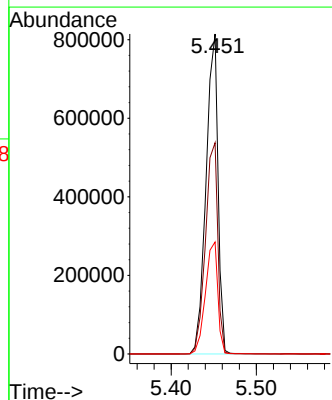
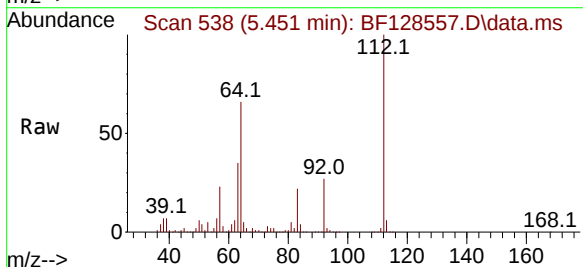
Instrument :
BNA_F
ClientSampleId :
P009-SS003-0612-01

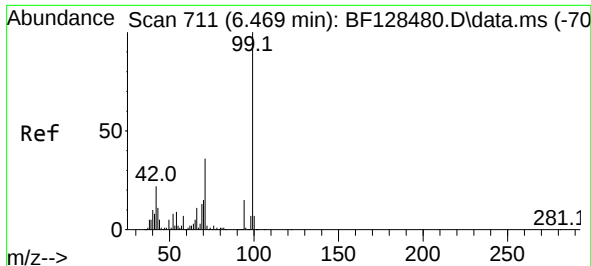
Tgt Ion:152 Resp: 150203
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 87.739 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:112 Resp: 795614
Ion Ratio Lower Upper
112 100
64 66.0 53.3 79.9
63 35.0 28.0 42.0

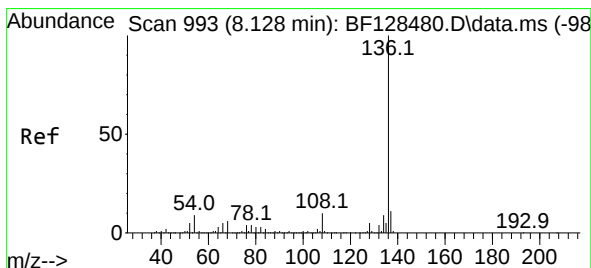
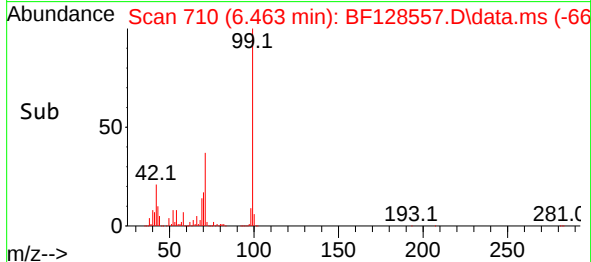
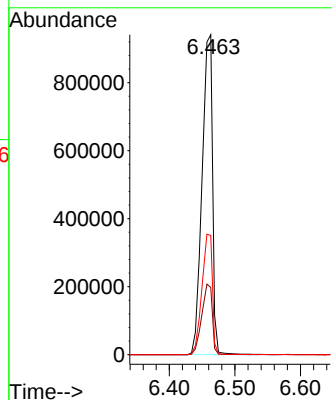
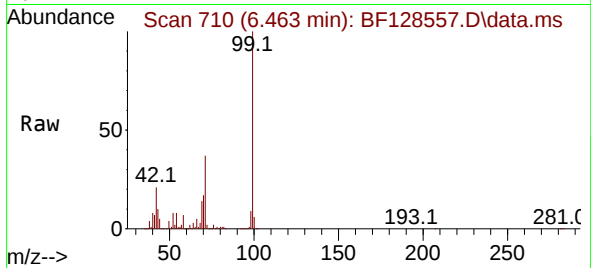




#7
Phenol-d6
Concen: 90.775 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

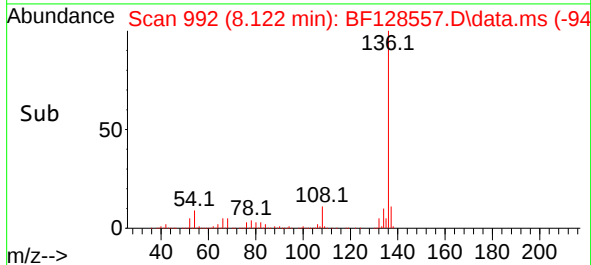
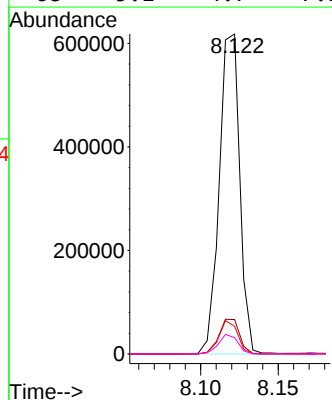
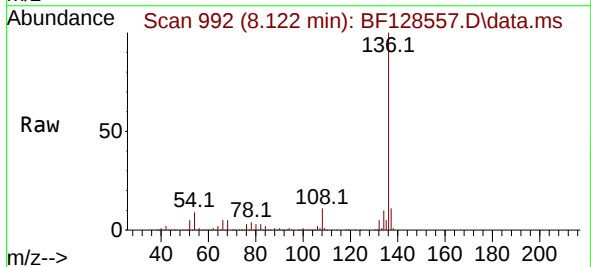
Instrument :
BNA_F
ClientSampleId :
P009-SS003-0612-01

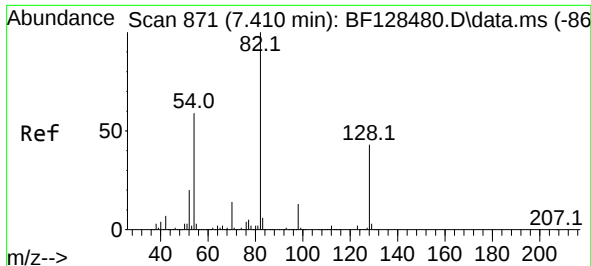
Tgt Ion: 99 Resp: 1049535
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 37.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:136 Resp: 569111
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.6 7.5 11.3
68 5.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 69.602 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128557.D

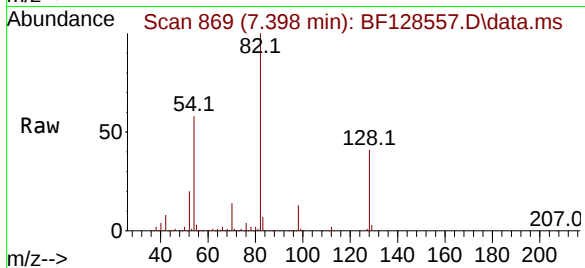
Acq: 28 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

P009-SS003-0612-01



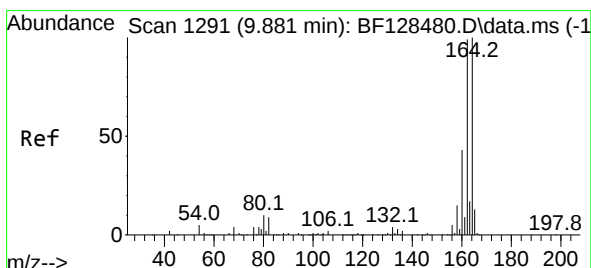
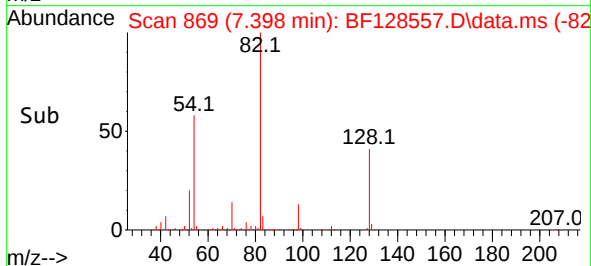
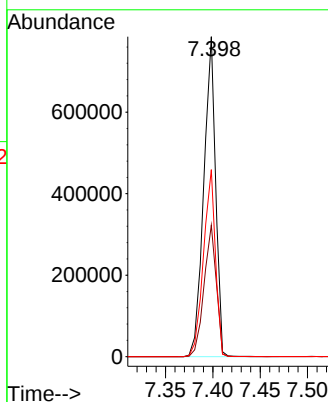
Tgt Ion: 82 Resp: 686643

Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

54 58.5 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: BF128557.D

Acq: 28 May 2022 19:38

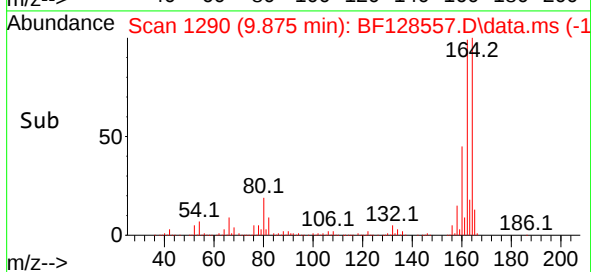
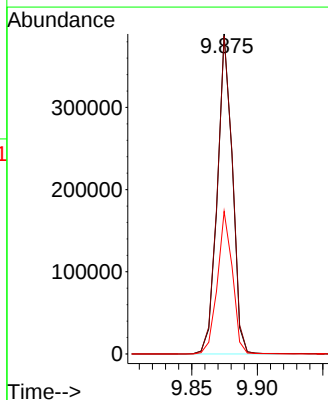
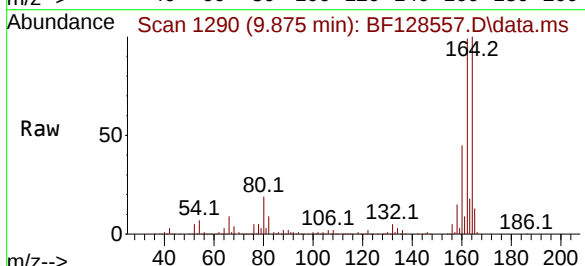
Tgt Ion: 164 Resp: 308940

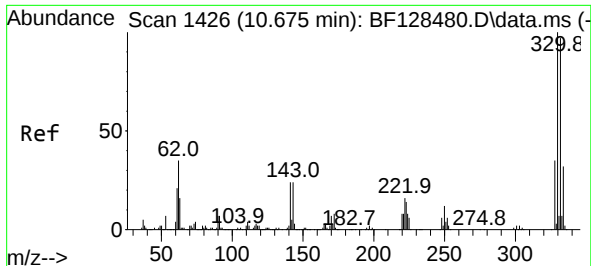
Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 91.076 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128557.D

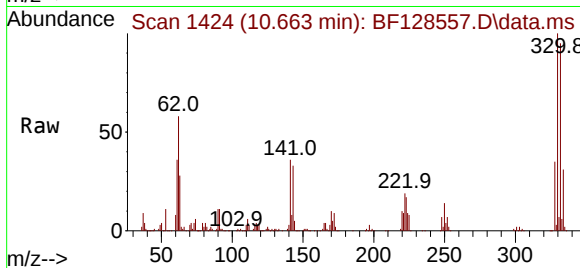
Acq: 28 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

P009-SS003-0612-01



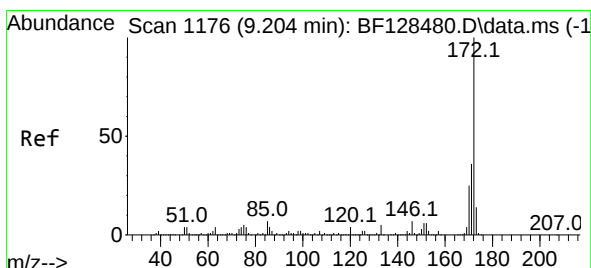
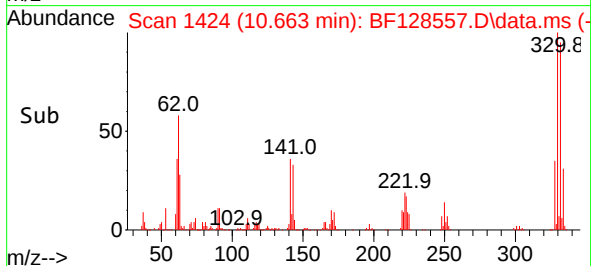
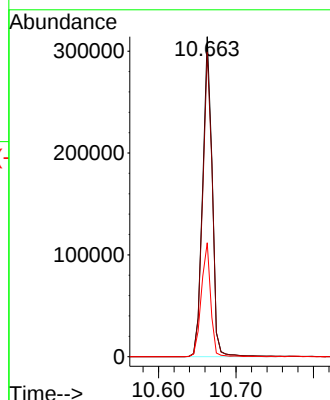
Tgt Ion:330 Resp: 267818

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.977 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

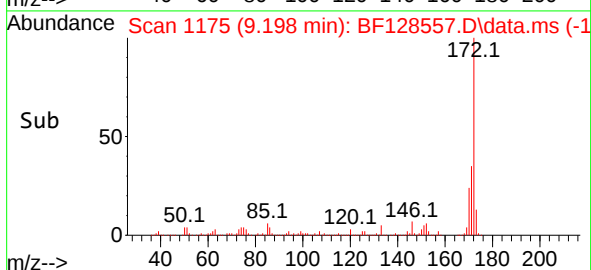
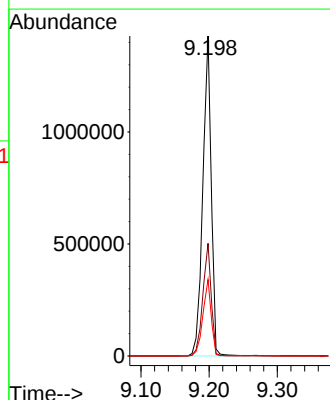
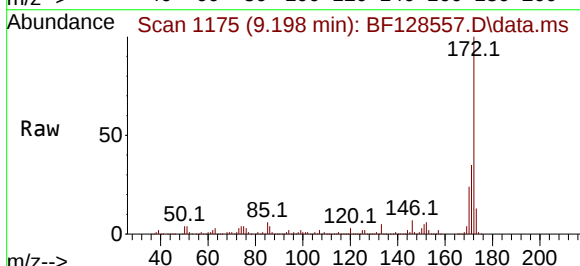
Tgt Ion:172 Resp: 1235600

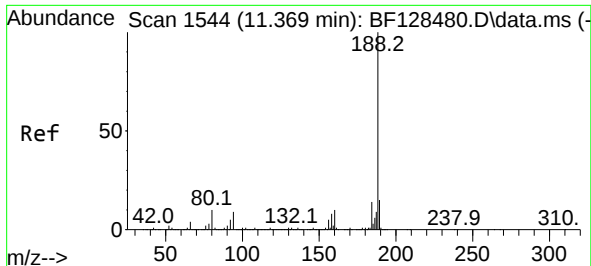
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.9 19.8 29.8

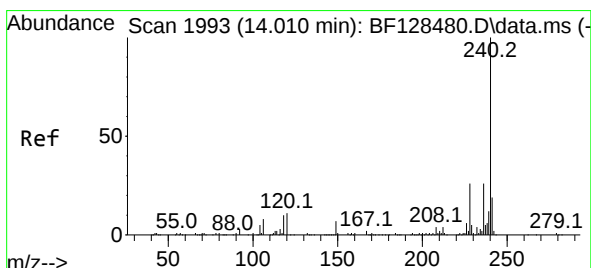
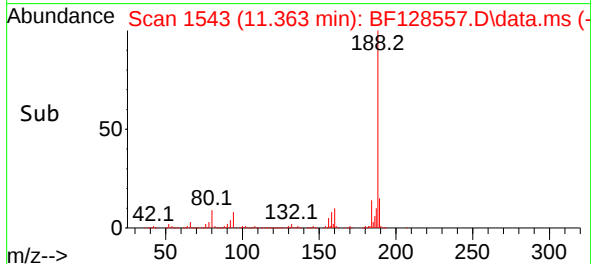
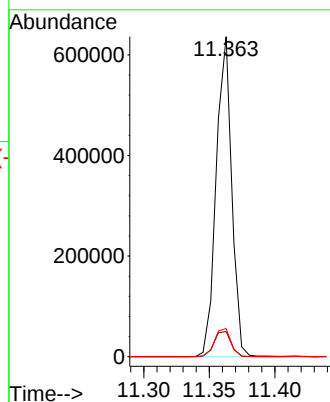
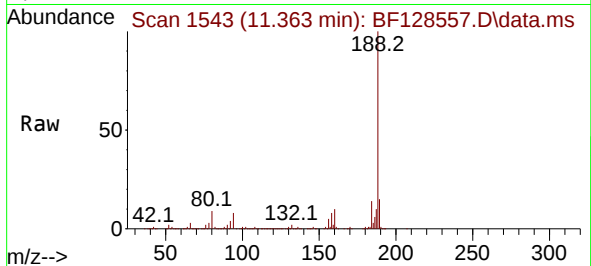




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

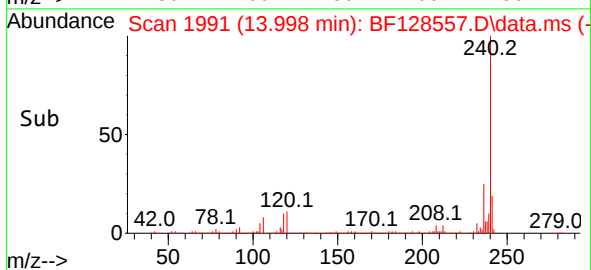
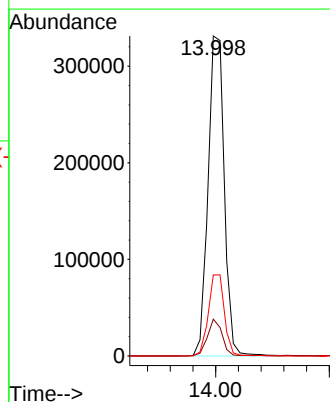
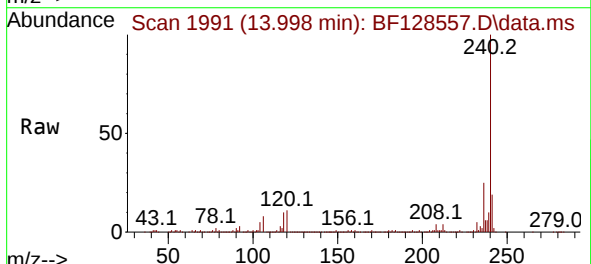
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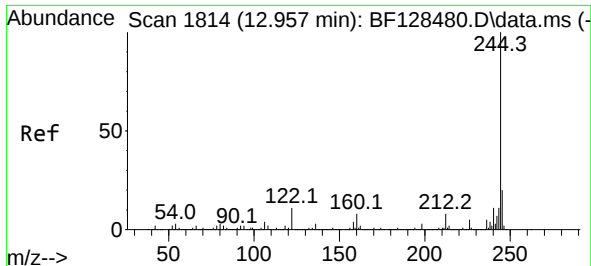
Tgt Ion:188 Resp: 522764
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:240 Resp: 328798
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.3 20.8 31.2

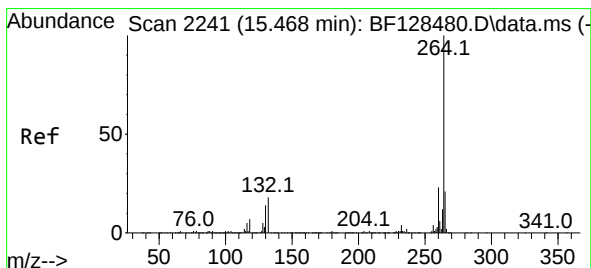
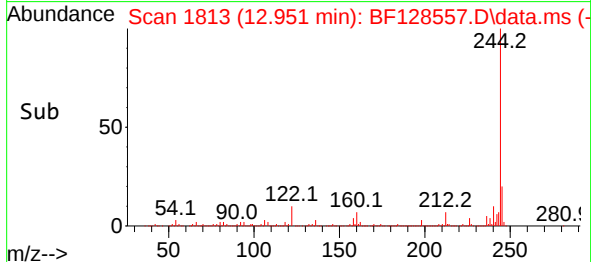
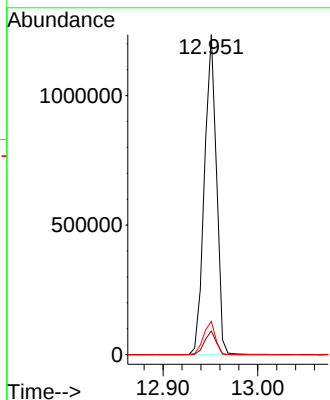
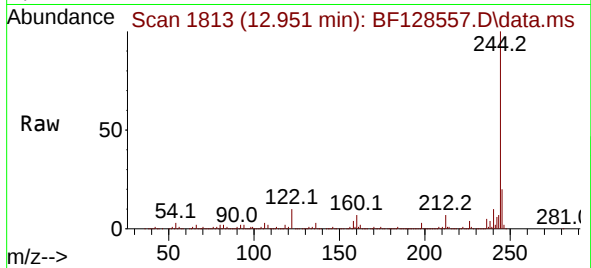




#79
 Terphenyl-d14
 Concen: 64.088 ng
 RT: 12.951 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF128557.D
 Acq: 28 May 2022 19:38

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1090705
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.4 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: BF128557.D
 Acq: 28 May 2022 19:38

Tgt Ion:264 Resp: 318201
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 20.8 17.2 25.8

