

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128599.D
 Acq On : 31 May 2022 17:22
 Operator : CG\JU
 Sample : N2952-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-2430-01

Quant Time: Jun 01 00:57:54 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	116792	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	450133	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	246621	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	429821	20.000	ng	0.00
76) Chrysene-d12	14.004	240	249870	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	234883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	612593	86.881	ng	0.00
7) Phenol-d6	6.469	99	779860	86.746	ng	0.00
23) Nitrobenzene-d5	7.398	82	543754	69.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	230435	98.165	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1013200	66.746	ng	0.00
79) Terphenyl-d14	12.957	244	914331	70.695	ng	0.00

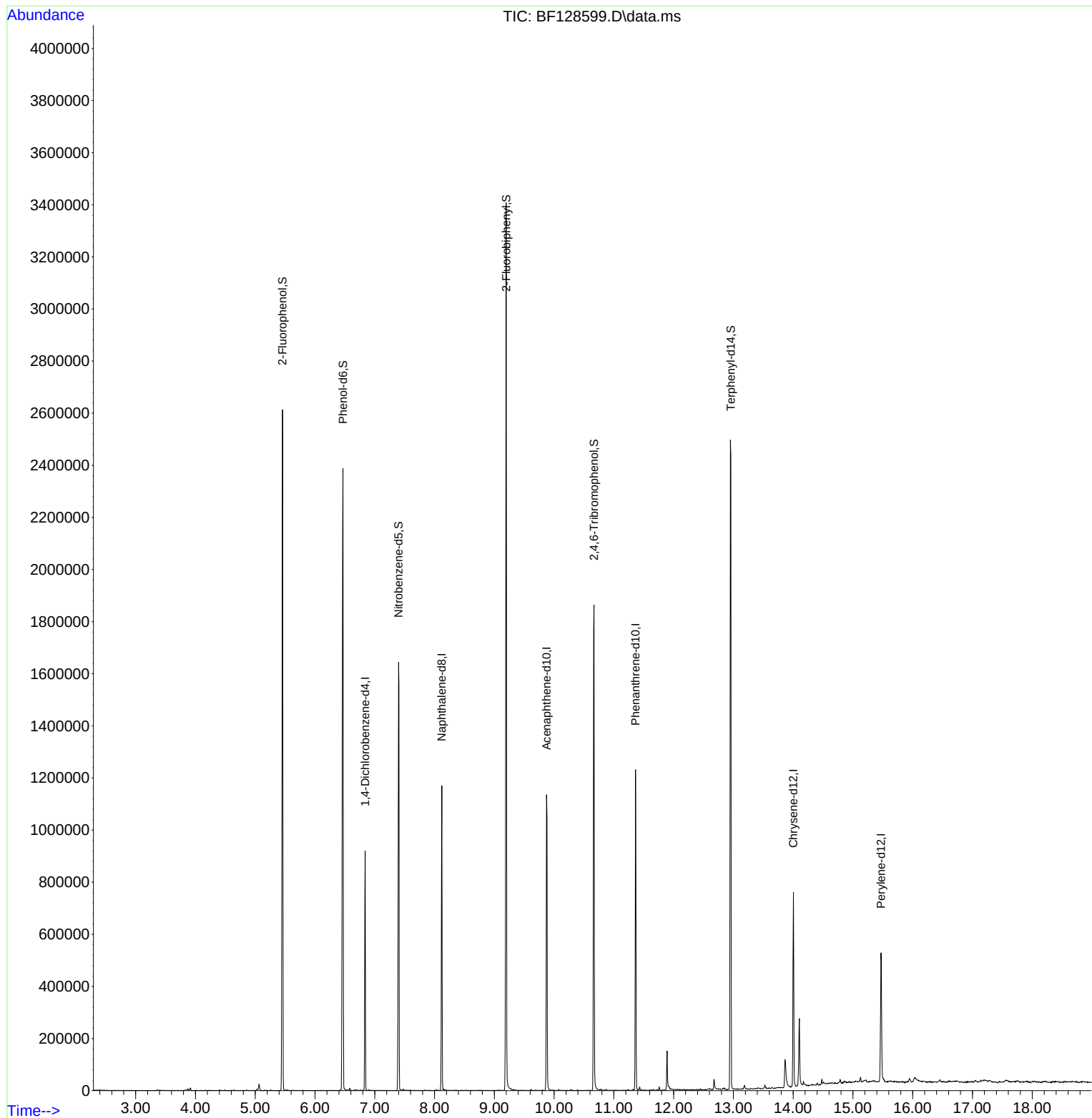
Target Compounds	Qvalue

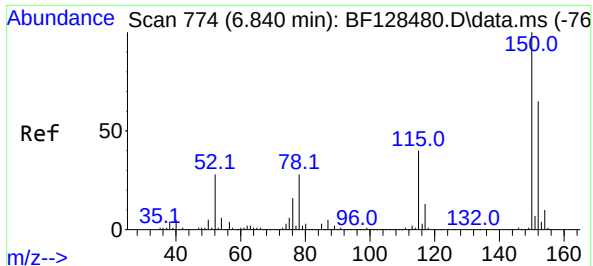
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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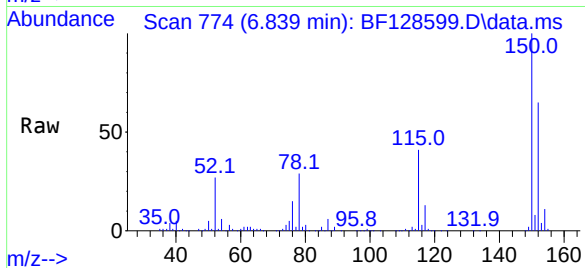
Quant Time: Jun 01 00:57:54 2022
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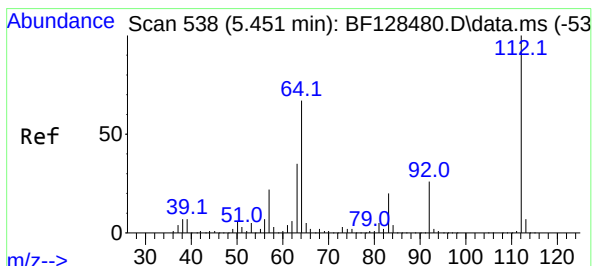
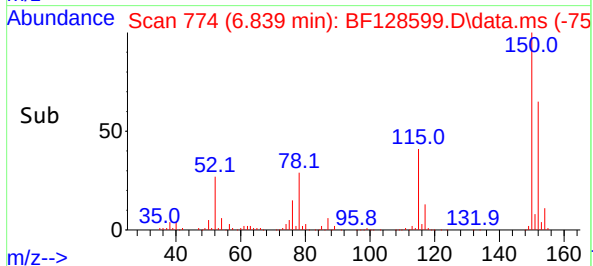
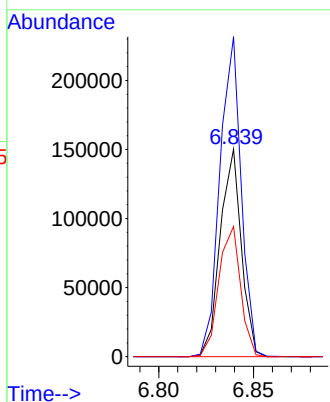


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

Instrument :
BNA_F
ClientSampleId :
P037-SS001-2430-01

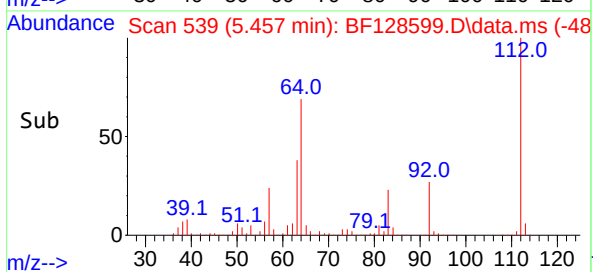
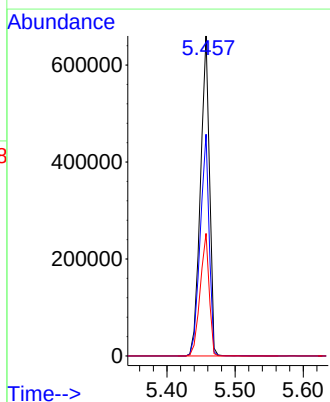
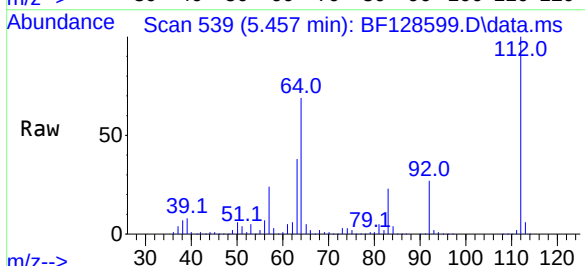


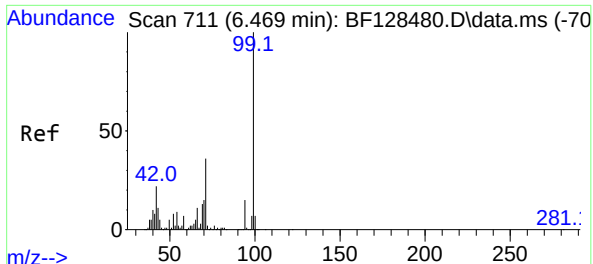
Tgt Ion:152 Resp: 116792
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 86.881 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

Tgt Ion:112 Resp: 612593
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 38.3 28.0 42.0

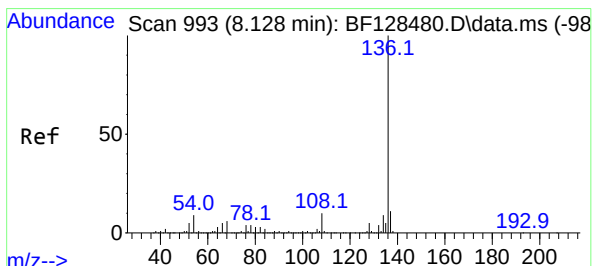
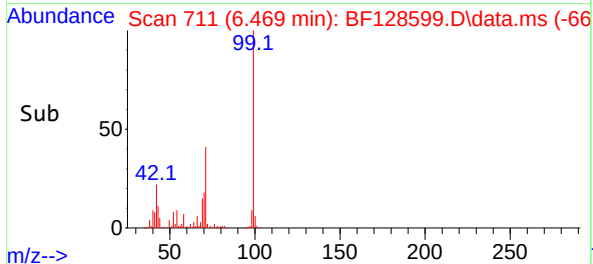
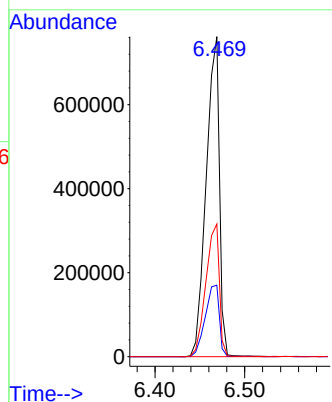
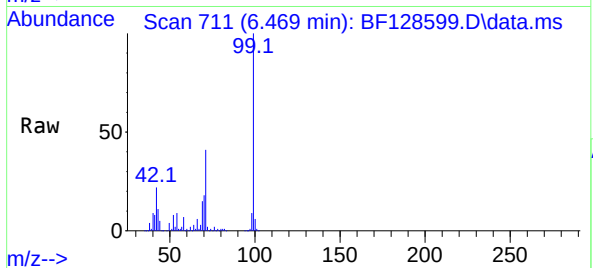




#7
Phenol-d6
Concen: 86.746 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

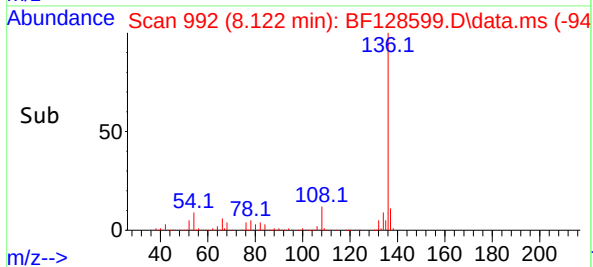
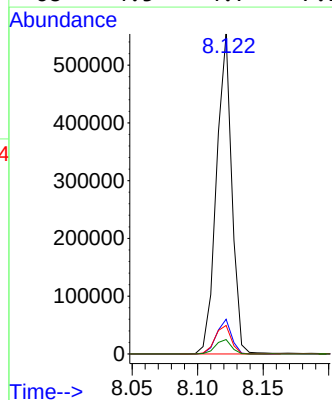
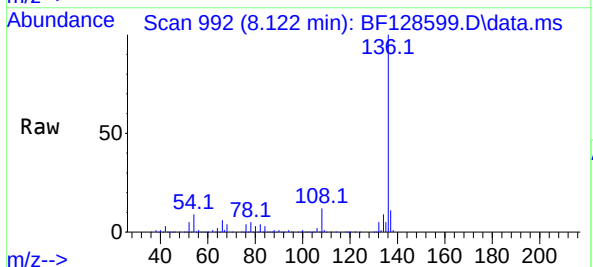
Instrument :
BNA_F
ClientSampleId :
P037-SS001-2430-01

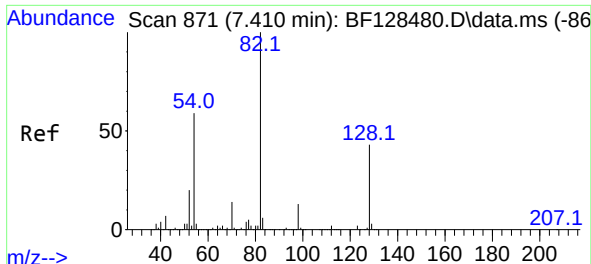
Tgt Ion: 99 Resp: 779860
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 41.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

Tgt Ion: 136 Resp: 450133
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.9 7.5 11.3
68 4.5 4.7 7.1#

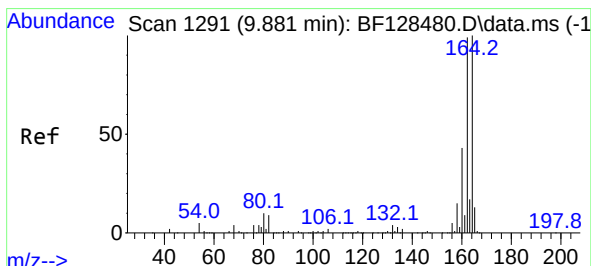
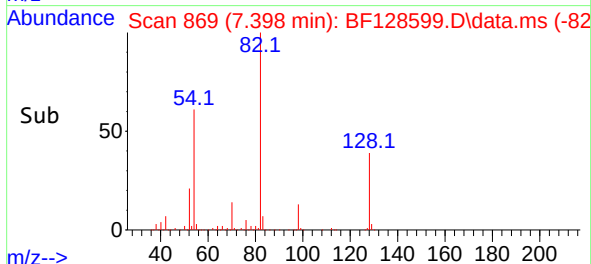
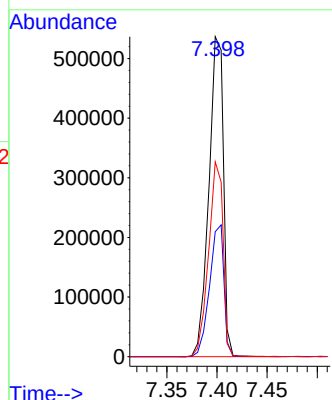
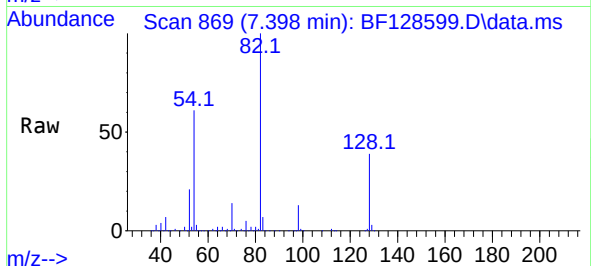




#23
Nitrobenzene-d5
Concen: 69.686 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

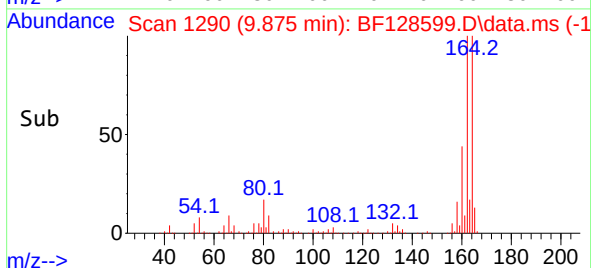
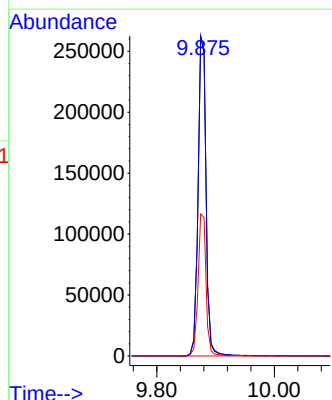
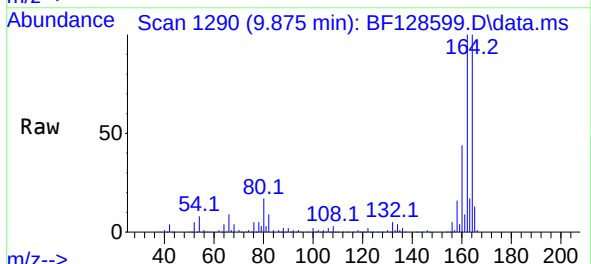
Instrument :
BNA_F
ClientSampleId :
P037-SS001-2430-01

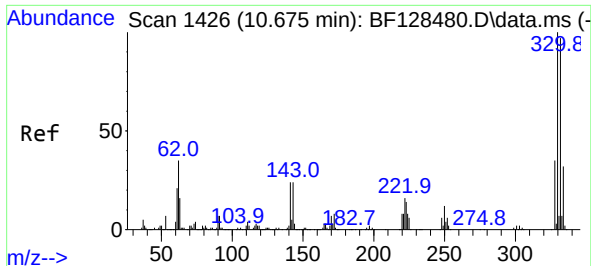
Tgt Ion: 82 Resp: 543754
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 60.9 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

Tgt Ion: 164 Resp: 246621
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.165 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128599.D

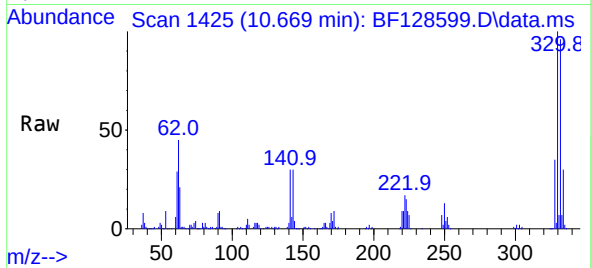
Acq: 31 May 2022 17:22

Instrument :

BNA_F

ClientSampleId :

P037-SS001-2430-01



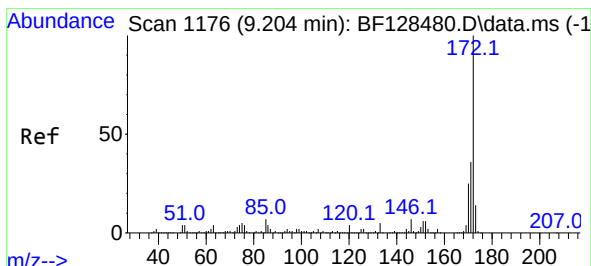
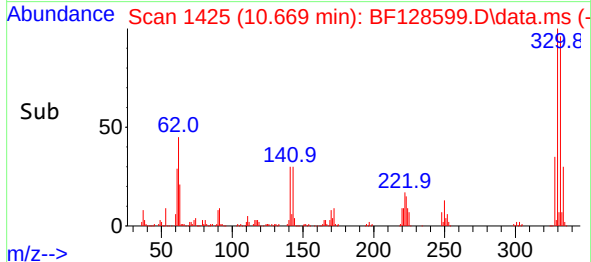
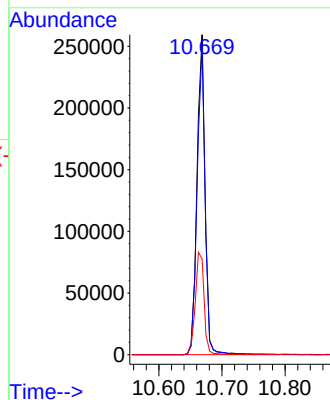
Tgt Ion:330 Resp: 230435

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.746 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128599.D

Acq: 31 May 2022 17:22

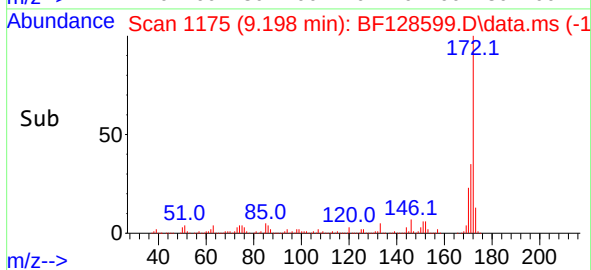
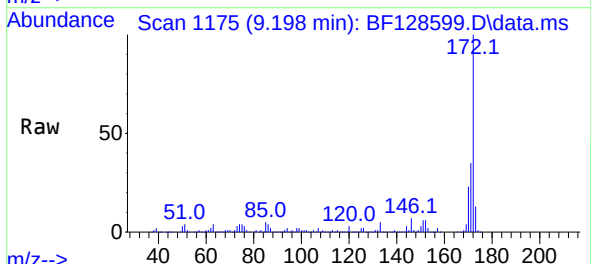
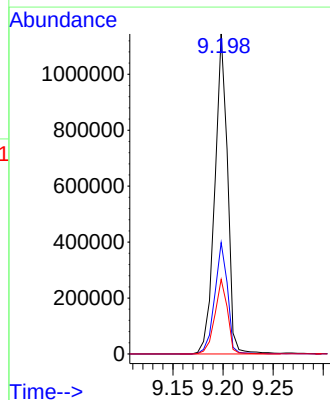
Tgt Ion:172 Resp: 1013200

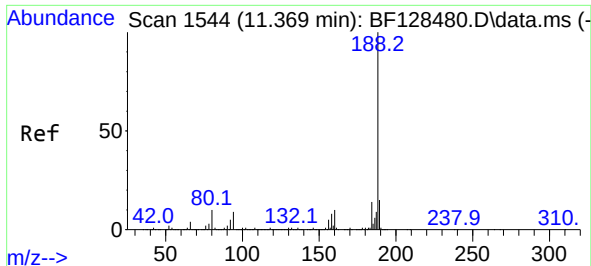
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.3 19.8 29.8

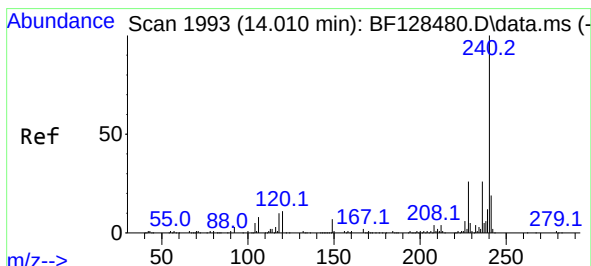
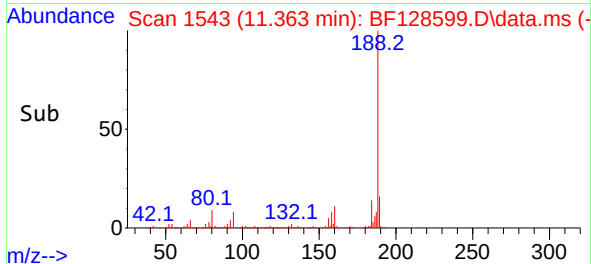
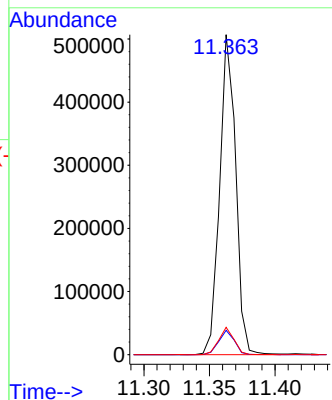
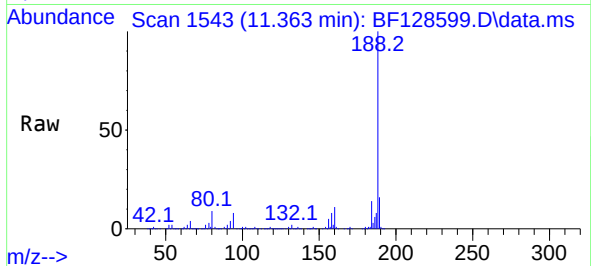




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

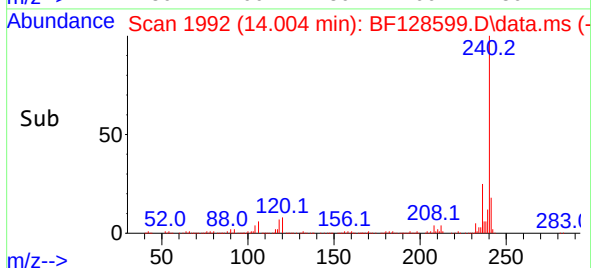
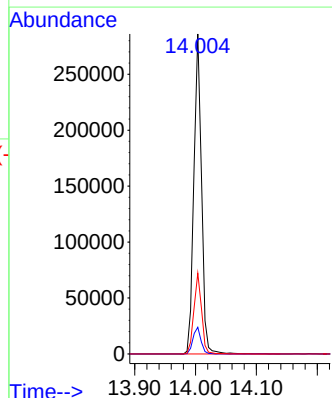
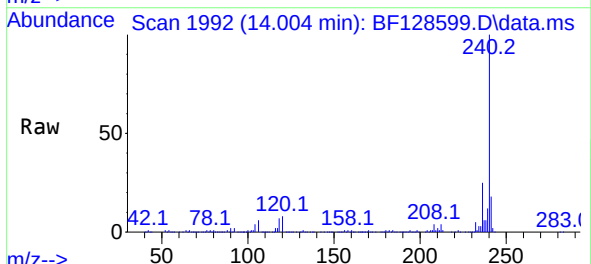
Instrument :
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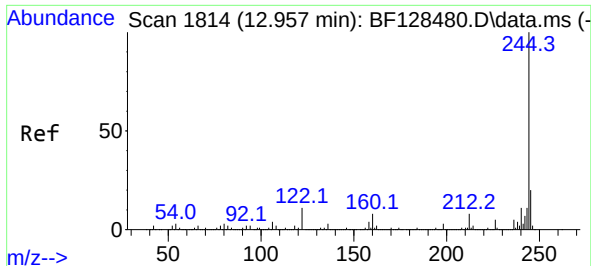
Tgt Ion:188 Resp: 429821
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128599.D
Acq: 31 May 2022 17:22

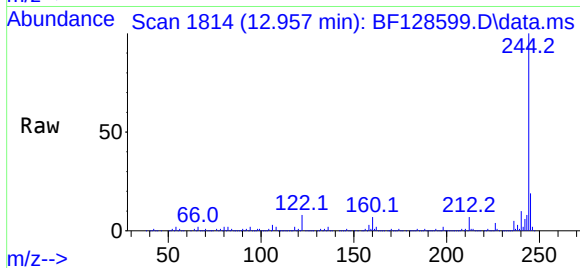
Tgt Ion:240 Resp: 249870
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.2 20.8 31.2





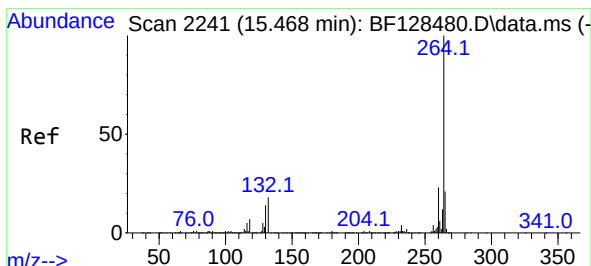
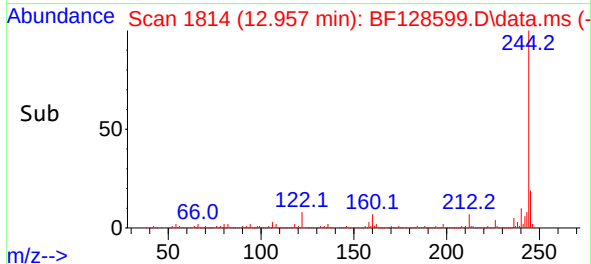
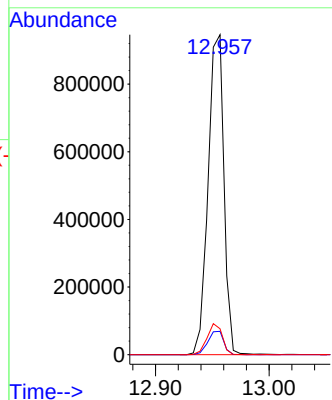
#79
 Terphenyl-d14
 Concen: 70.695 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128599.D
 Acq: 31 May 2022 17:22

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 914331

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	8.1	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: BF128599.D
 Acq: 31 May 2022 17:22

Tgt Ion:264 Resp: 234883

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.6	17.2	25.8

