

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128217.D
 Acq On : 12 May 2022 14:13
 Operator : CG\JU
 Sample : N2784-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11939

Quant Time: May 13 05:14:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

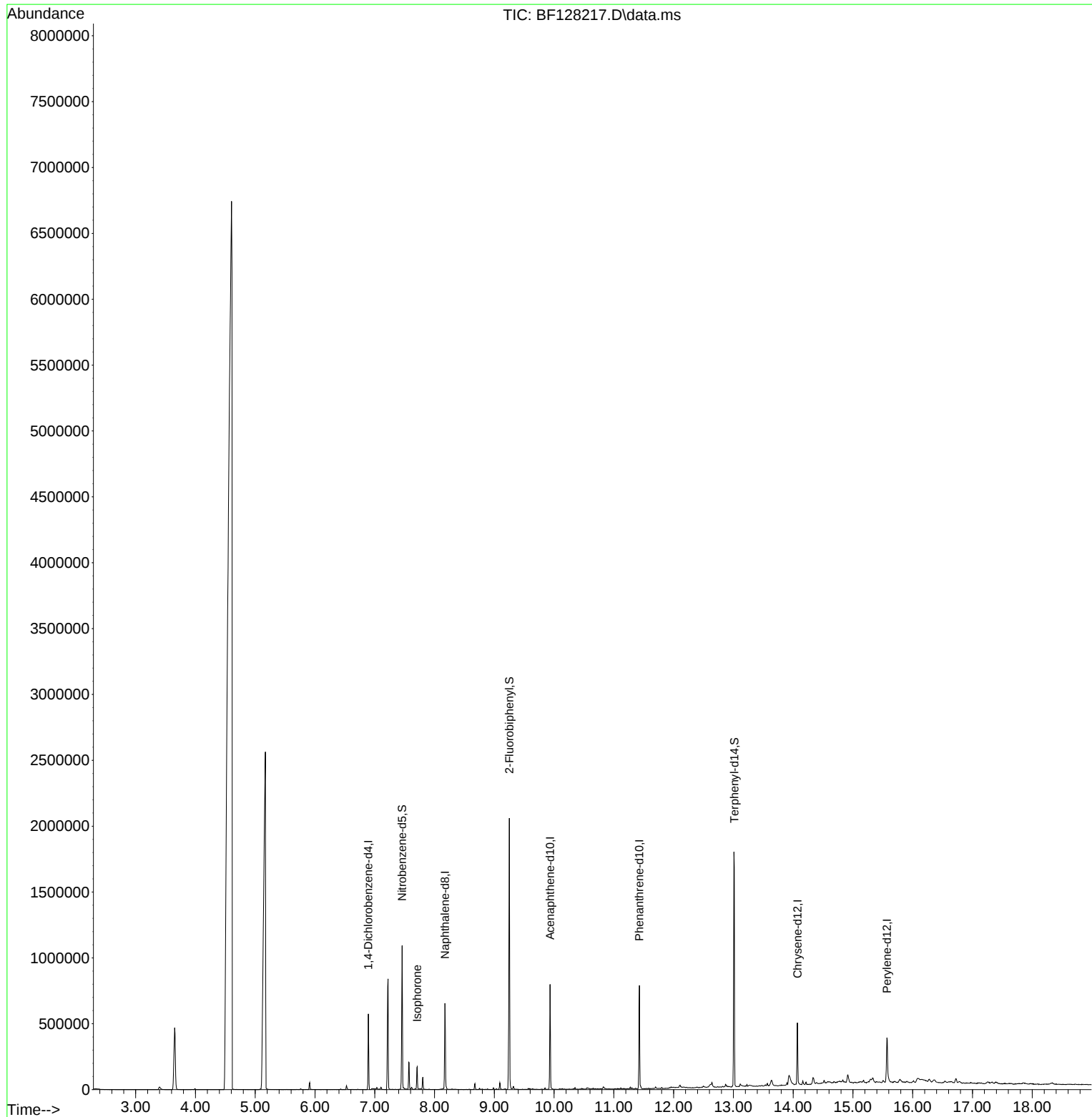
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70222	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	268030	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	152183	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	273508	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	171797	20.000	ng	0.00
86) Perylene-d12	15.568	264	152461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	525	0.119	ng	0.01
7) Phenol-d6	6.528	99	10718	1.840	ng	0.00
23) Nitrobenzene-d5	7.457	82	343273	57.628	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.251	172	597557	61.439	ng	0.00
79) Terphenyl-d14	13.015	244	639360	69.833	ng	0.00
Target Compounds						
25) Isophorone	7.710	82	69772	7.471	ng	Qvalue 97

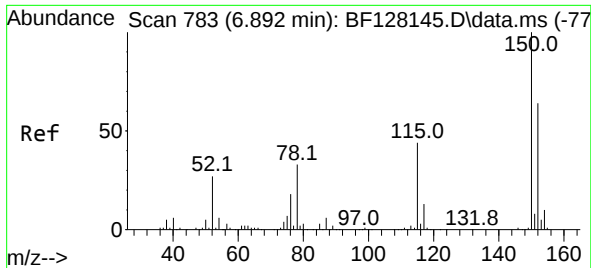
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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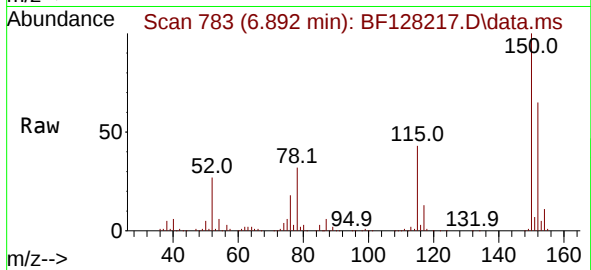
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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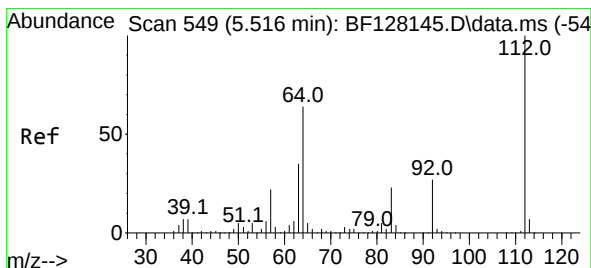
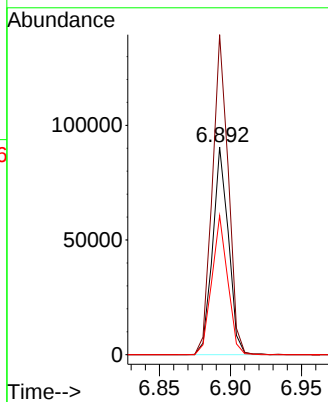
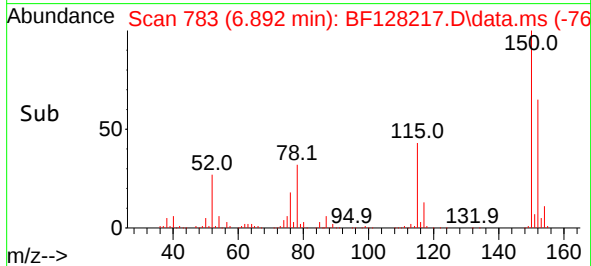


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

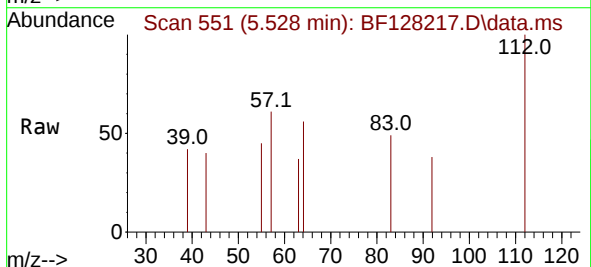
Instrument :
BNA_F
ClientSampleId :
72-11939



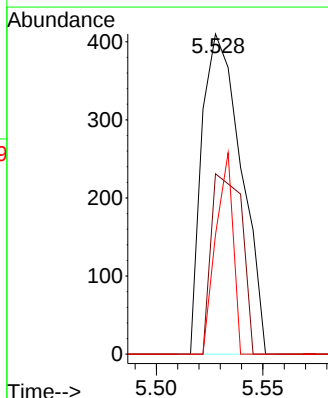
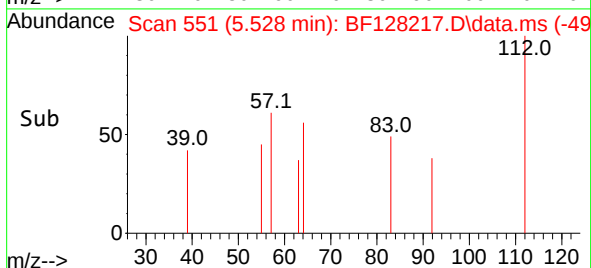
Tgt Ion:152 Resp: 70222
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 66.9 48.8 73.2

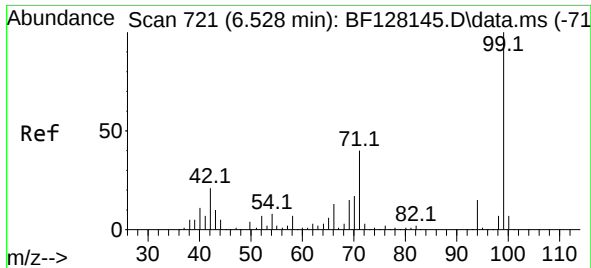


#5
2-Fluorophenol
Concen: 0.119 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13



Tgt Ion:112 Resp: 525
Ion Ratio Lower Upper
112 100
64 56.3 49.5 74.3
63 37.3 26.3 39.5

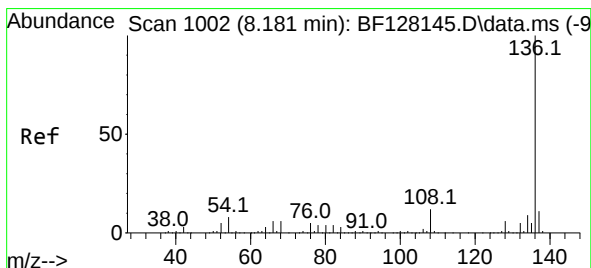
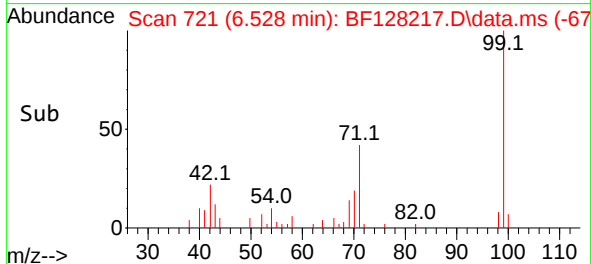
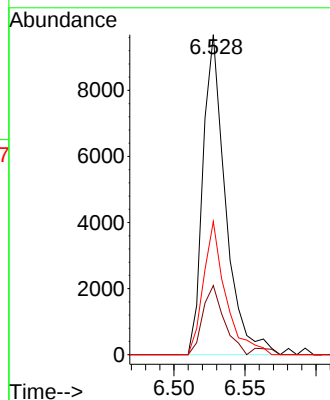
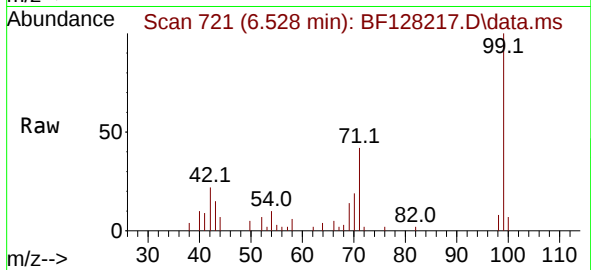




#7
Phenol-d6
Concen: 1.840 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

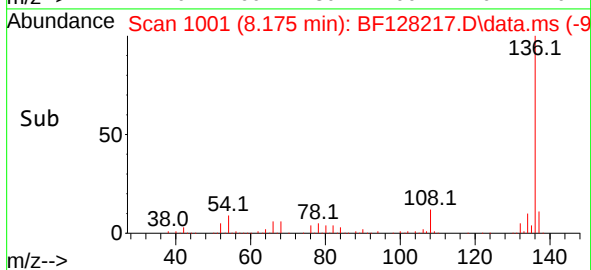
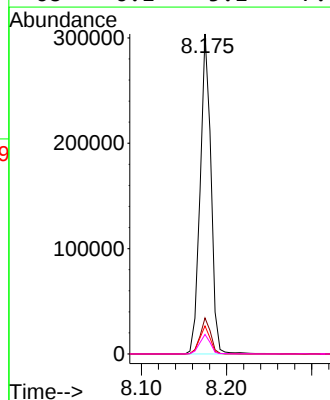
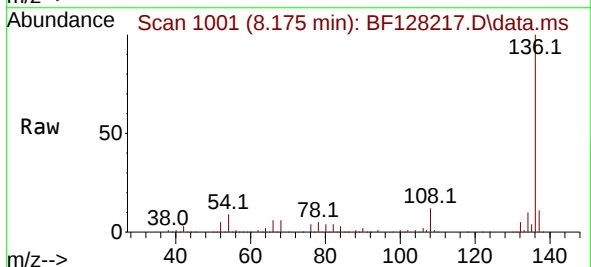
Instrument :
BNA_F
ClientSampleId :
72-11939

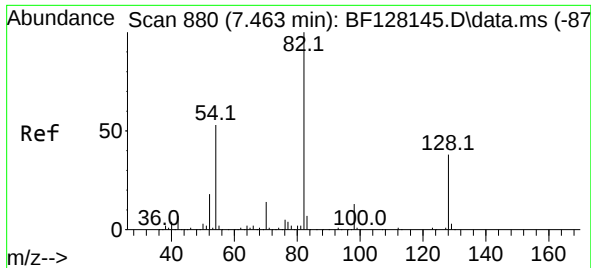
Tgt Ion: 99 Resp: 10718
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 41.6 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion:136 Resp: 268030
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.8 6.8 10.2
68 6.1 5.1 7.7

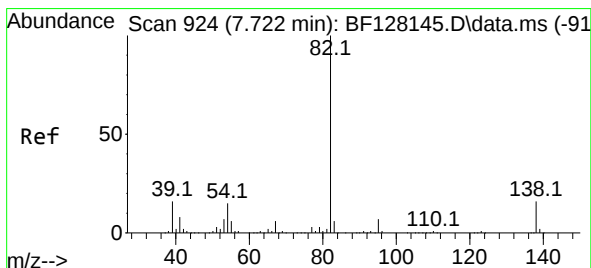
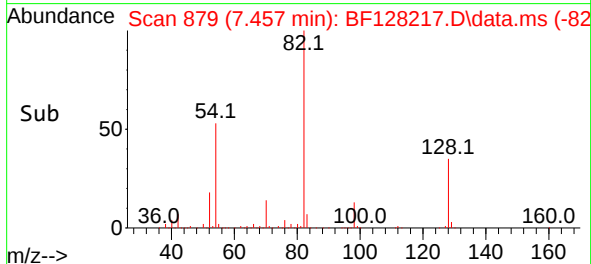
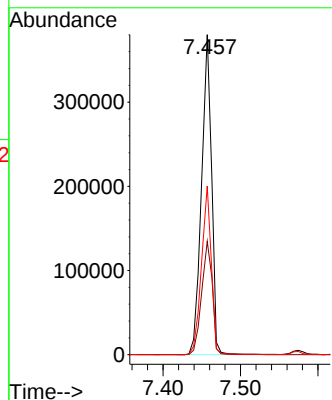
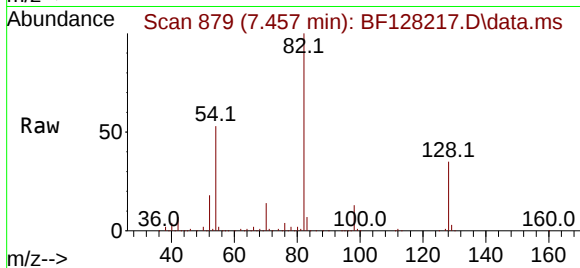




#23
Nitrobenzene-d5
Concen: 57.628 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

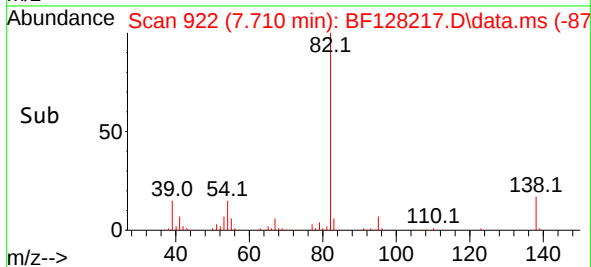
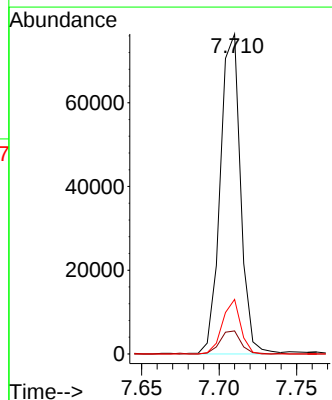
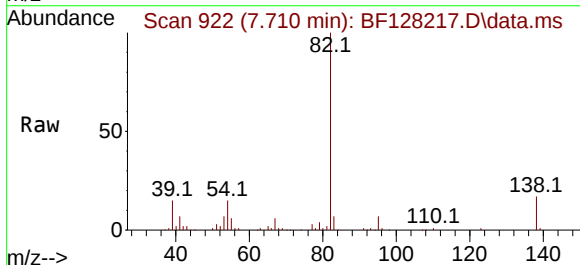
Instrument :
BNA_F
ClientSampleId :
72-11939

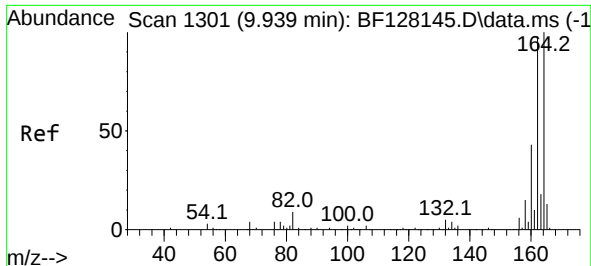
Tgt Ion: 82 Resp: 343273
Ion Ratio Lower Upper
82 100
128 35.5 30.0 45.0
54 52.7 41.3 61.9



#25
Isophorone
Concen: 7.471 ng
RT: 7.710 min Scan# 922
Delta R.T. -0.012 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion: 82 Resp: 69772
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.1 12.5 18.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128217.D

Acq: 12 May 2022 14:13

Instrument :

BNA_F

ClientSampleId :

72-11939

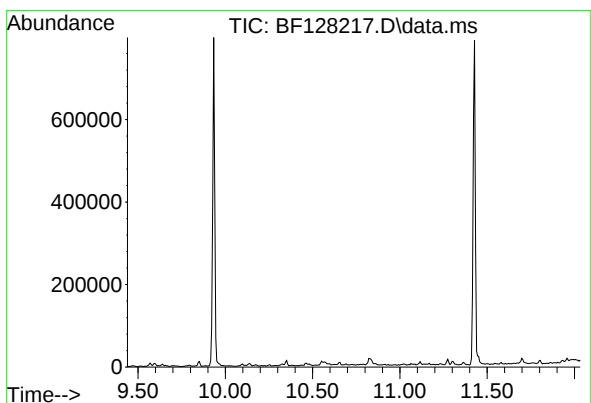
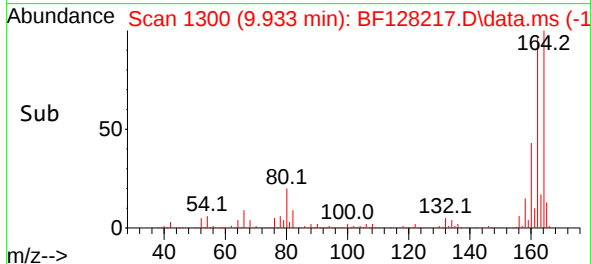
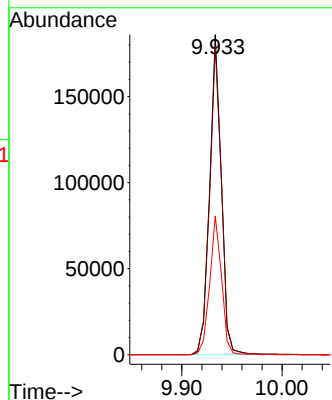
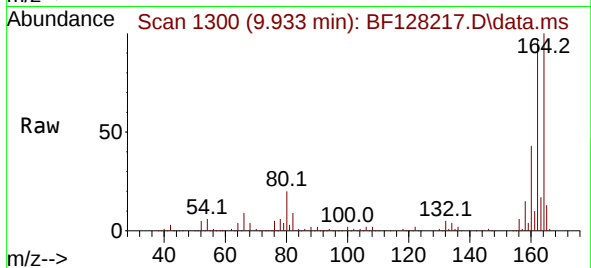
Tgt Ion:164 Resp: 152183

Ion Ratio Lower Upper

164 100

162 96.5 76.0 114.0

160 43.4 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.73 min

Lab File: BF128217.D

Acq: 12 May 2022 14:13

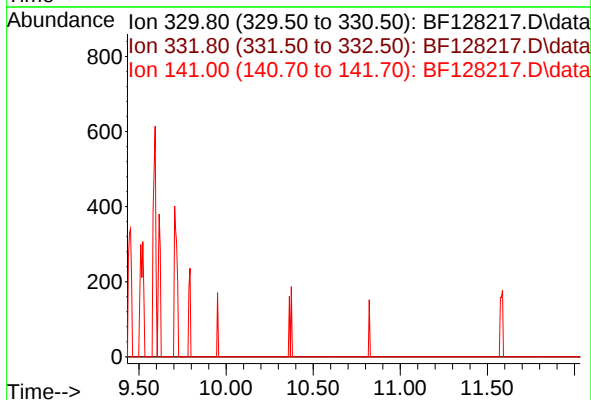
Tgt Ion: 330

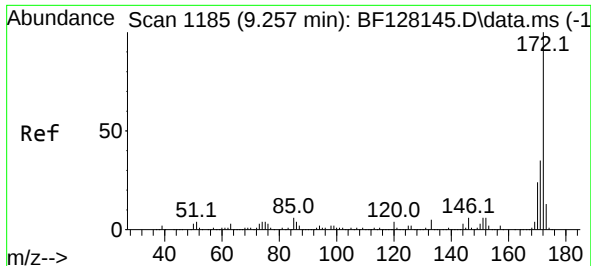
Sig Exp Ratio

330 100

332 98.7

141 36.1





#45

2-Fluorobiphenyl

Concen: 61.439 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128217.D

Acq: 12 May 2022 14:13

Instrument :

BNA_F

ClientSampleId :

72-11939

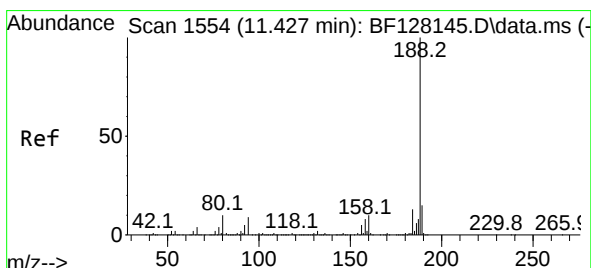
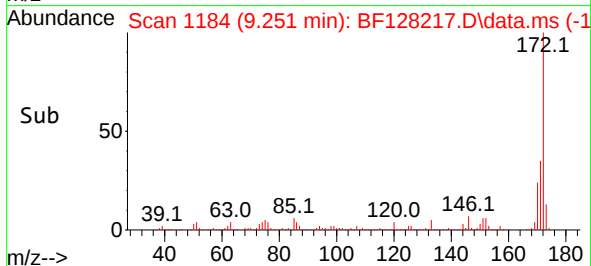
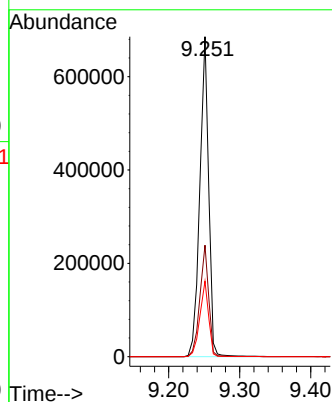
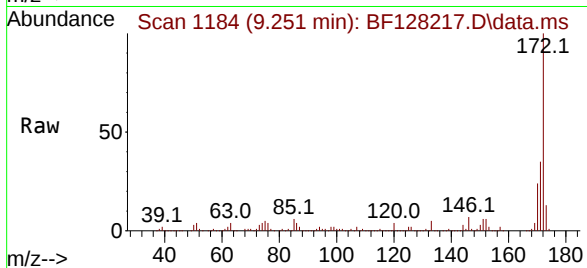
Tgt Ion:172 Resp: 597557

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.6 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1554

Delta R.T. -0.000 min

Lab File: BF128217.D

Acq: 12 May 2022 14:13

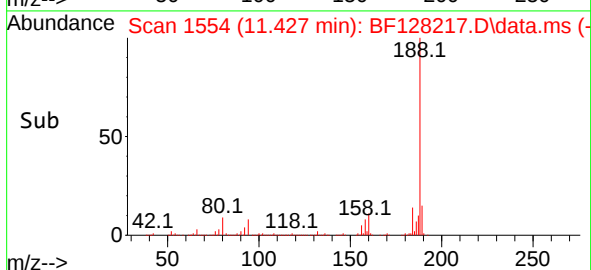
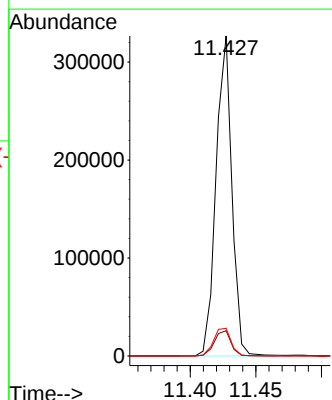
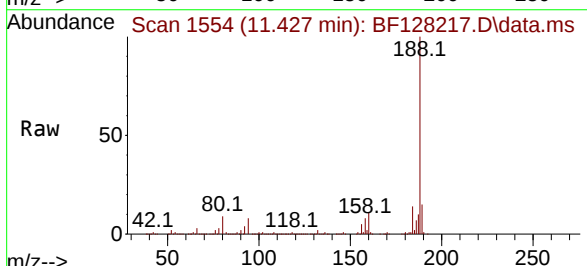
Tgt Ion:188 Resp: 273508

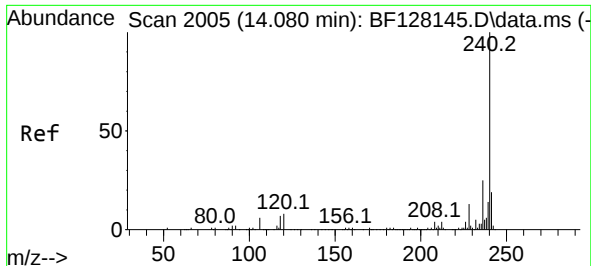
Ion Ratio Lower Upper

188 100

94 7.9 8.0 12.0#

80 8.7 8.9 13.3#

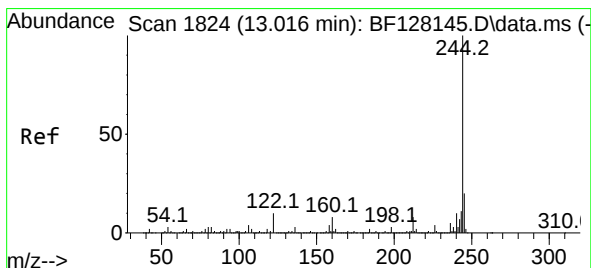
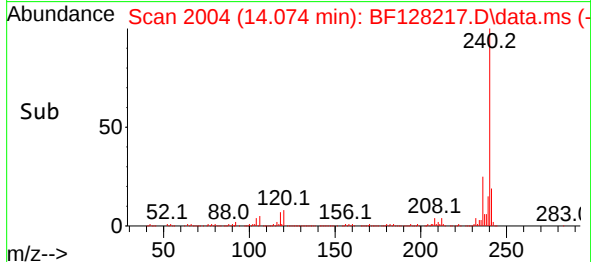
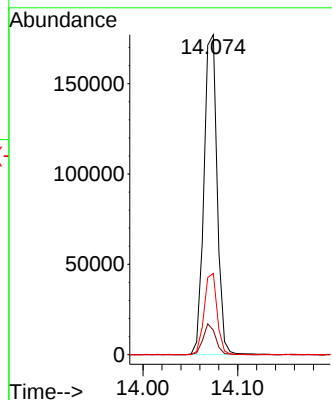
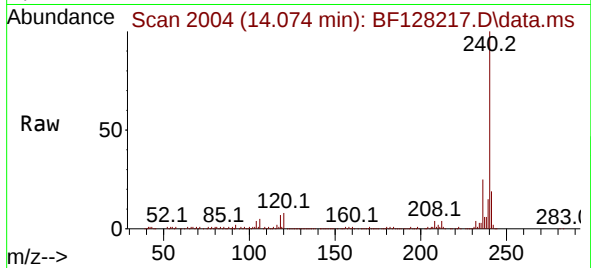




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

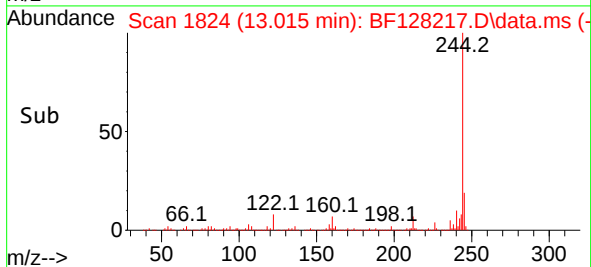
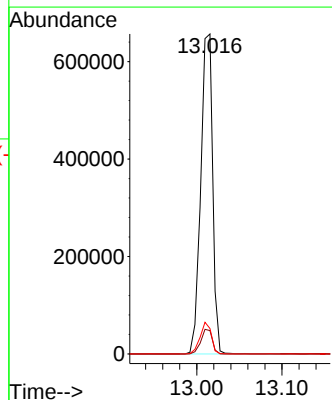
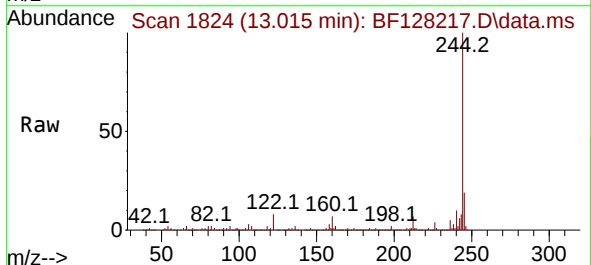
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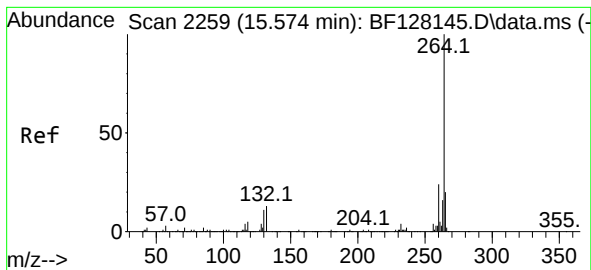
Tgt Ion:240 Resp: 171797
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.4 20.3 30.5



#79
Terphenyl-d14
Concen: 69.833 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion:244 Resp: 639360
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 8.0 8.6 12.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128217.D

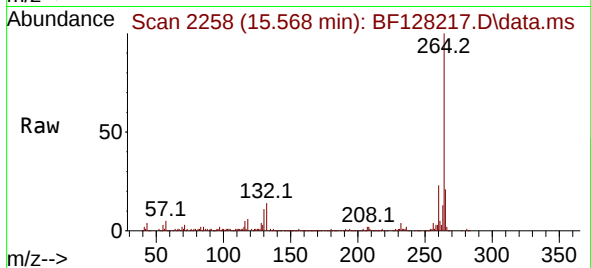
Acq: 12 May 2022 14:13

Instrument :

BNA_F

ClientSampleId :

72-11939



Tgt Ion:264 Resp: 152461

Ion Ratio Lower Upper

264 100

260 22.5 20.1 30.1

265 21.3 17.5 26.3

