

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127510.D
 Acq On : 24 Mar 2022 18:49
 Operator : CG\JU
 Sample : N2090-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-46

Quant Time: Mar 25 02:16:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

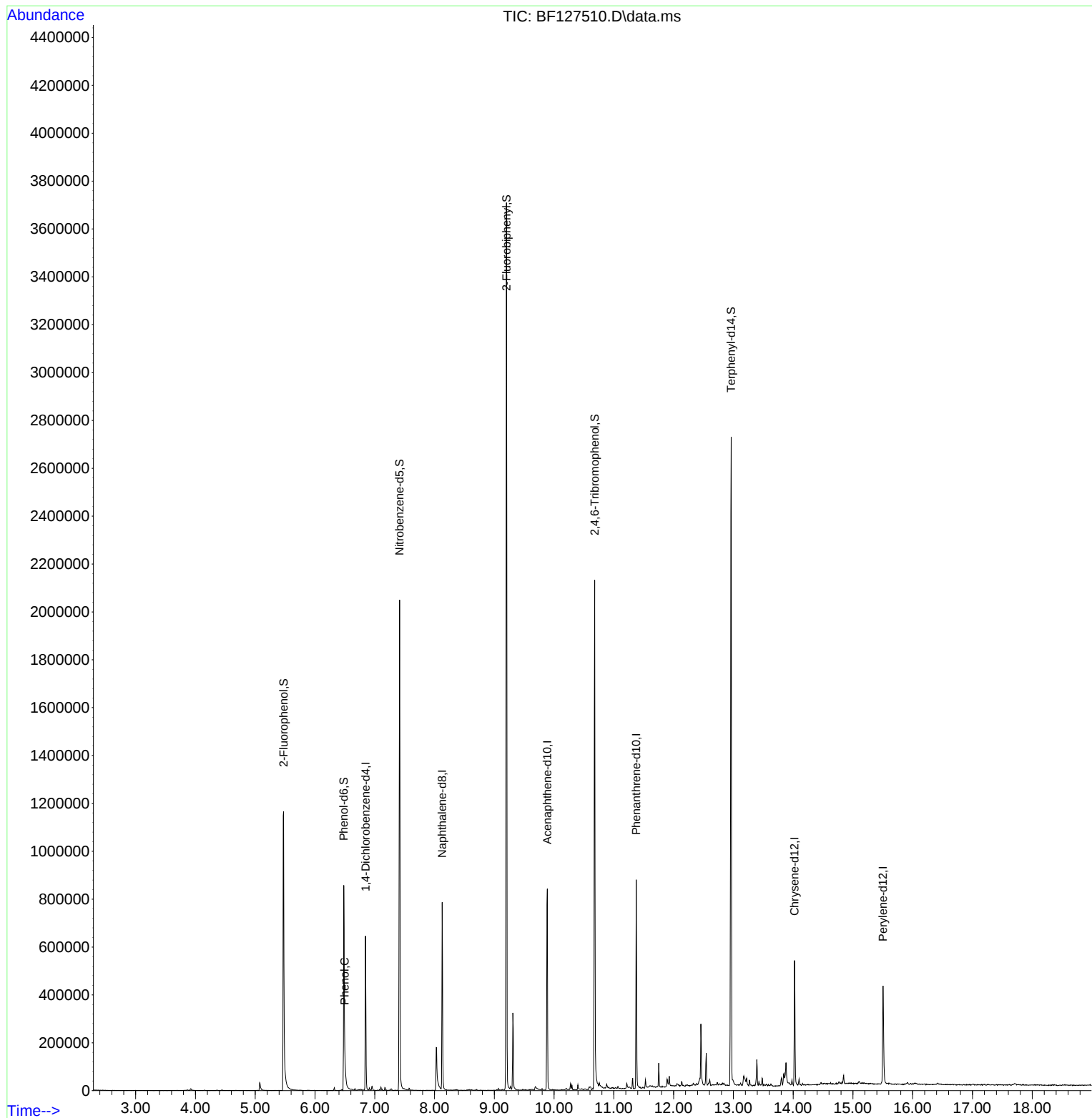
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	84106	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	298524	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172581	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	289642	20.000	ng	0.00
76) Chrysene-d12	14.021	240	182649	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	186145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	344833	65.445	ng	0.00
7) Phenol-d6	6.481	99	293772	40.788	ng	0.00
23) Nitrobenzene-d5	7.416	82	663591	95.020	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	244664	133.083	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1124537	95.149	ng	0.00
79) Terphenyl-d14	12.963	244	978521	87.701	ng	0.00
Target Compounds						
10) Phenol	6.498	94	15734	2.006	ng	Qvalue 80

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

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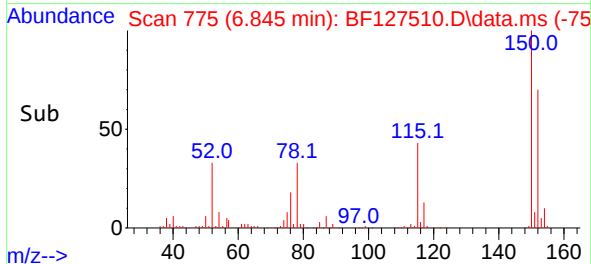
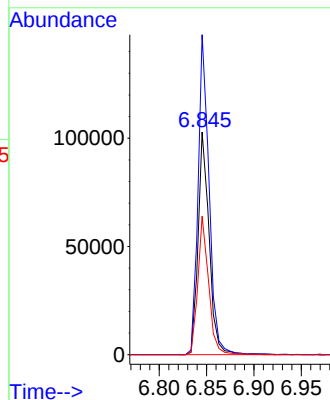
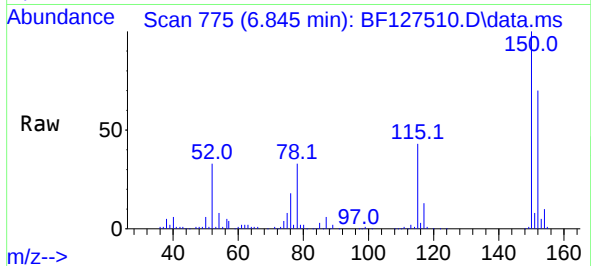




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

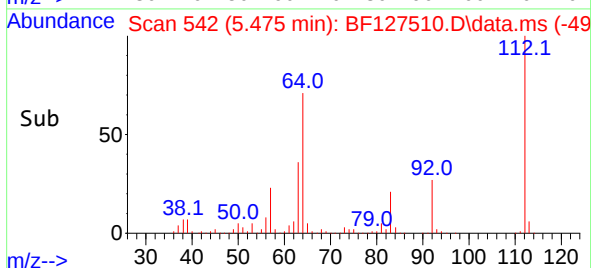
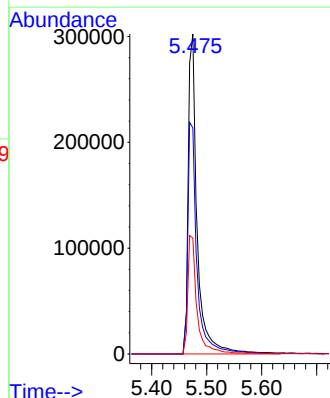
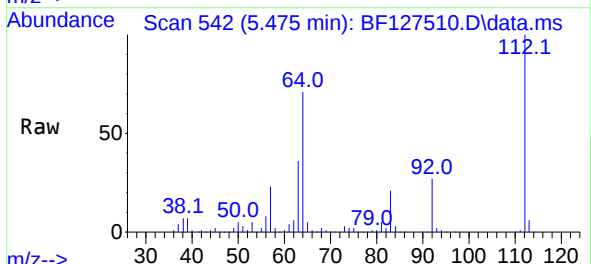
Instrument :
BNA_F
ClientSampleId :
MW-46

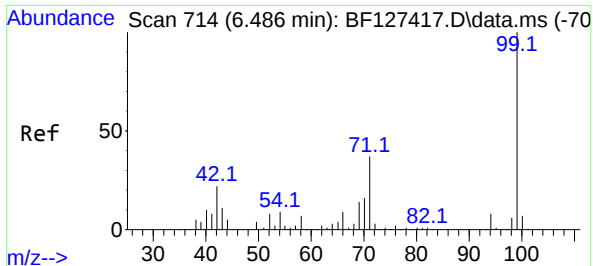
Tgt Ion:152 Resp: 84106
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 62.2 49.8 74.6



#5
2-Fluorophenol
Concen: 65.445 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:112 Resp: 344833
Ion Ratio Lower Upper
112 100
64 70.7 58.4 87.6
63 36.3 30.1 45.1



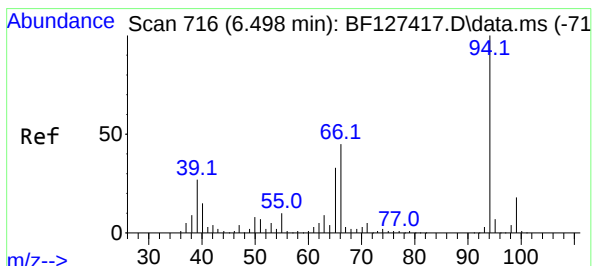
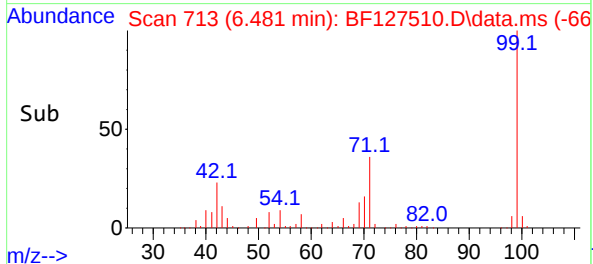
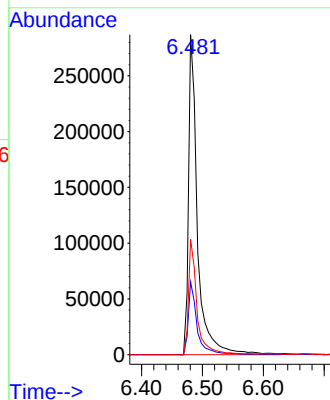
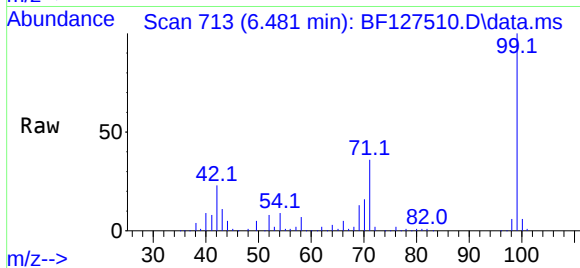


#7
Phenol-d6
Concen: 40.788 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Instrument :
BNA_F
ClientSampleId :
MW-46

Tgt Ion: 99 Resp: 293772

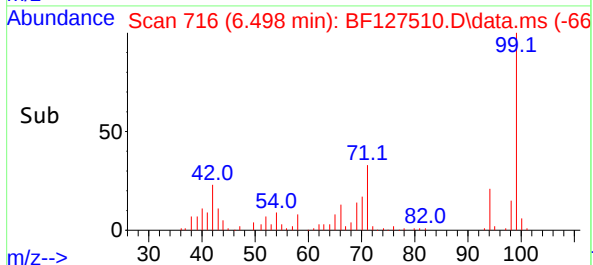
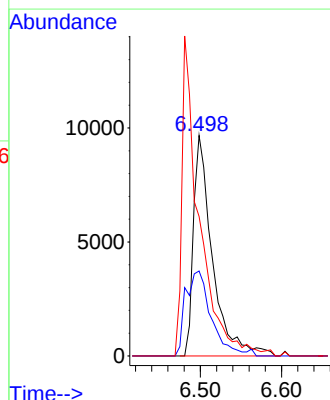
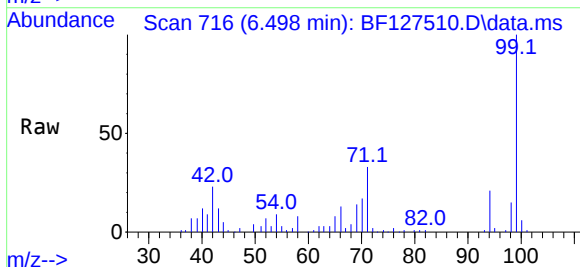
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.8	26.6
71	36.1	29.6	44.4

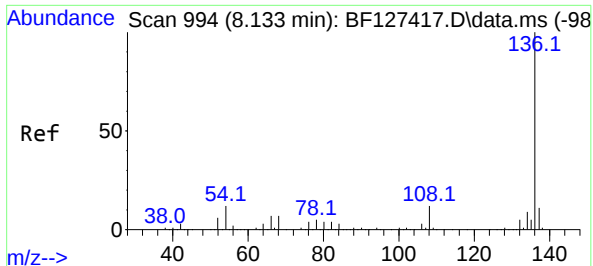


#10
Phenol
Concen: 2.006 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion: 94 Resp: 15734

Ion	Ratio	Lower	Upper
94	100		
65	38.5	13.1	53.1
66	63.2	24.9	64.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

MW-46

Tgt Ion:136 Resp: 298524

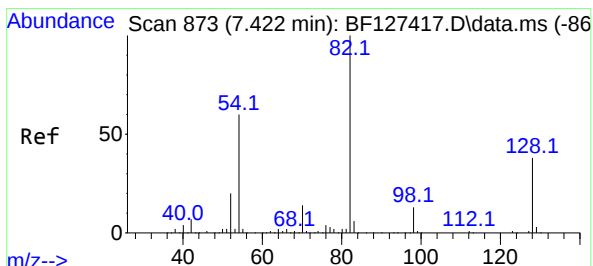
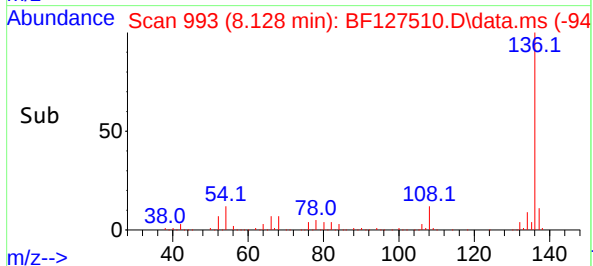
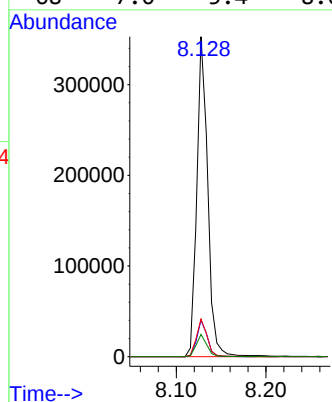
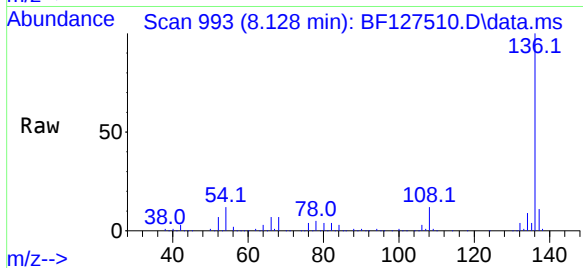
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 11.7 9.2 13.8

68 7.0 5.4 8.0



#23

Nitrobenzene-d5

Concen: 95.020 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

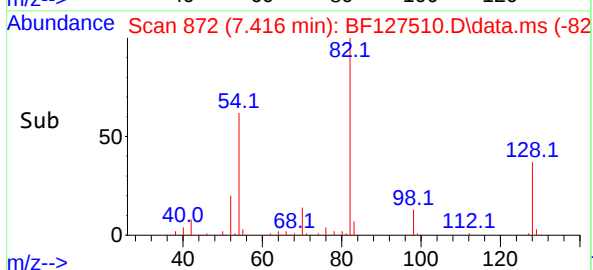
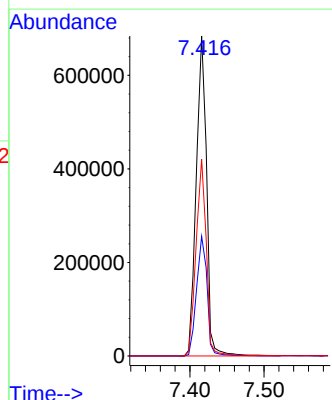
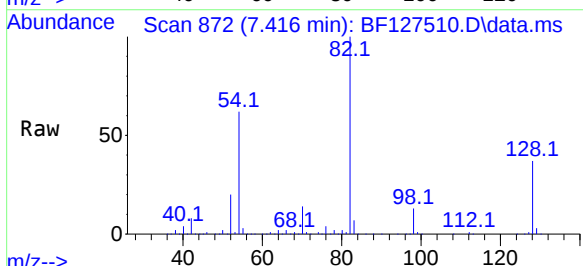
Tgt Ion: 82 Resp: 663591

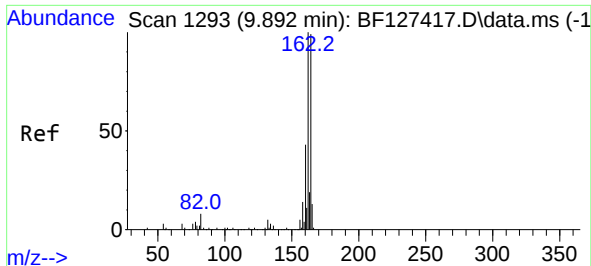
Ion Ratio Lower Upper

82 100

128 37.4 30.6 45.8

54 61.5 48.2 72.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

MW-46

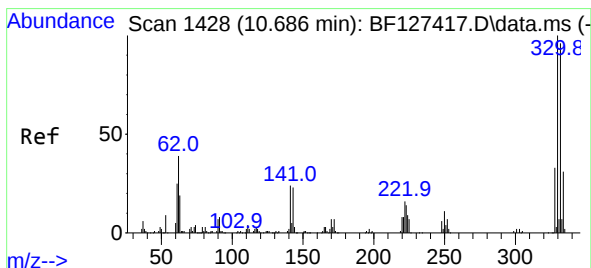
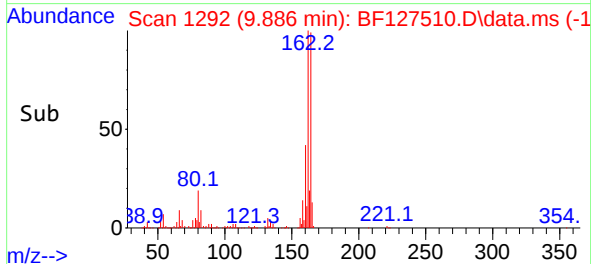
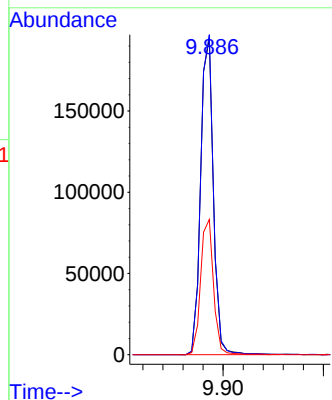
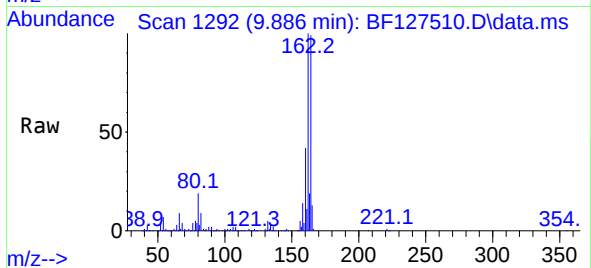
Tgt Ion:164 Resp: 172581

Ion Ratio Lower Upper

164 100

162 101.3 81.2 121.8

160 42.8 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 133.083 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

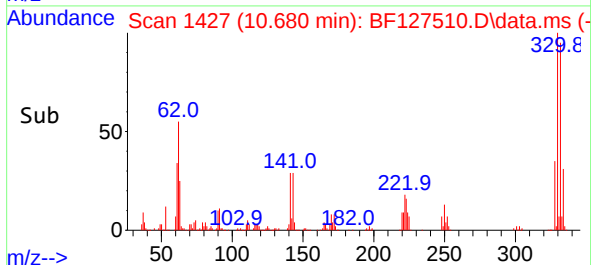
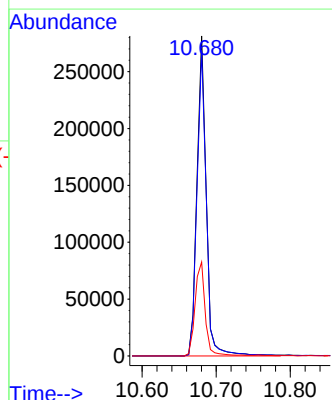
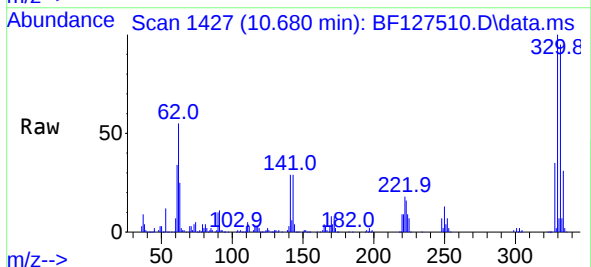
Tgt Ion:330 Resp: 244664

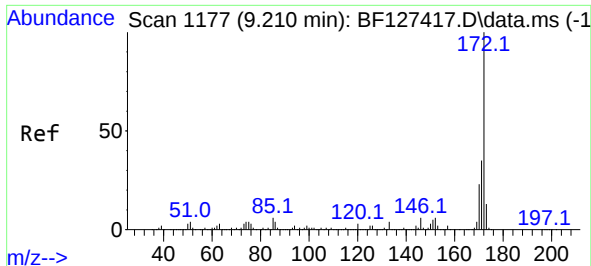
Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 32.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 95.149 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

MW-46

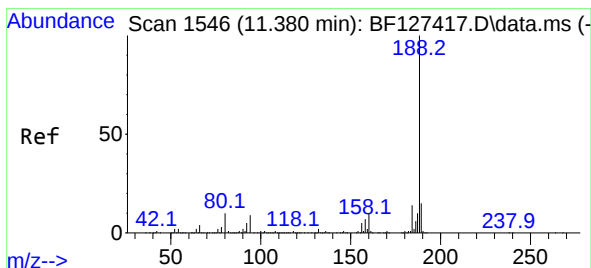
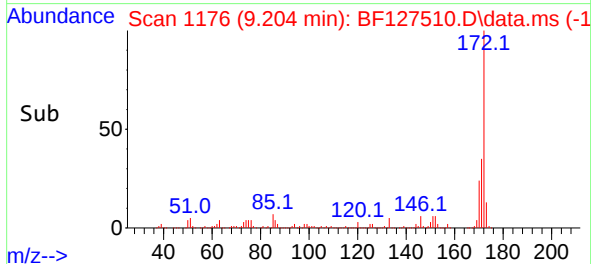
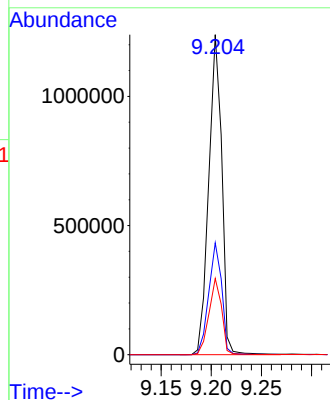
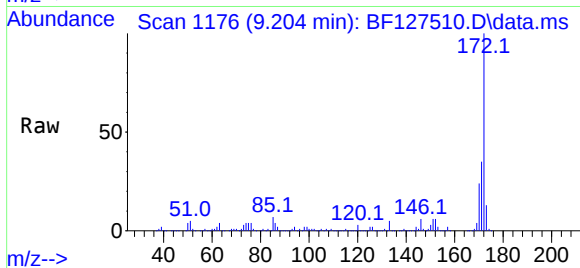
Tgt Ion:172 Resp: 1124537

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.8 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF127510.D

Acq: 24 Mar 2022 18:49

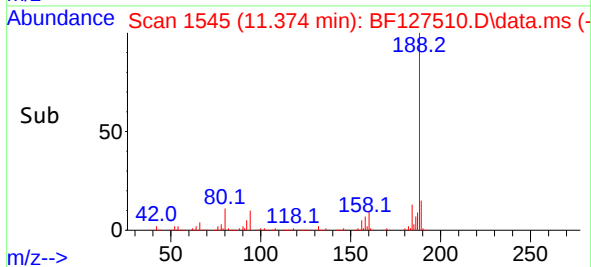
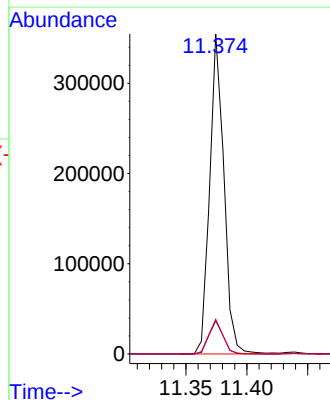
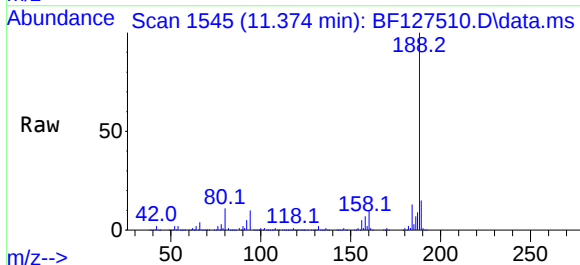
Tgt Ion:188 Resp: 289642

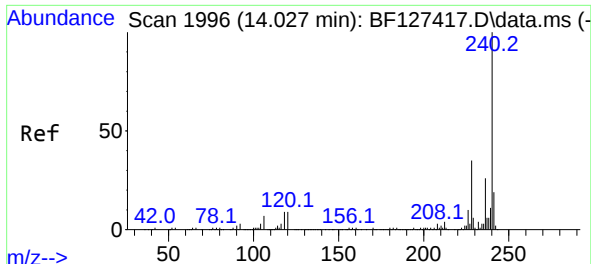
Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.0

80 10.9 8.0 12.0

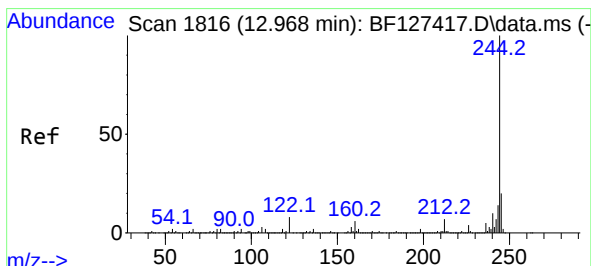
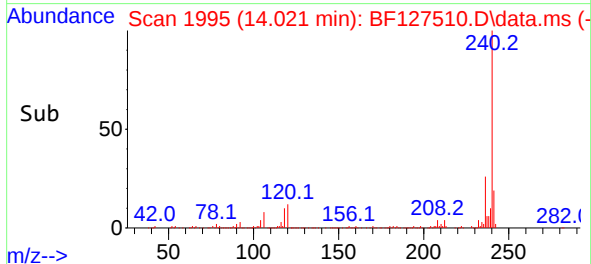
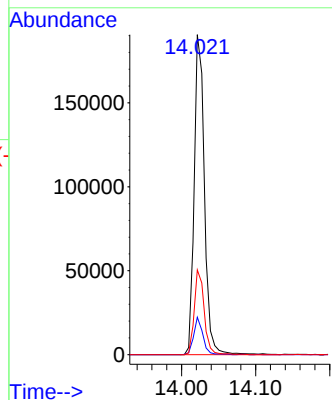
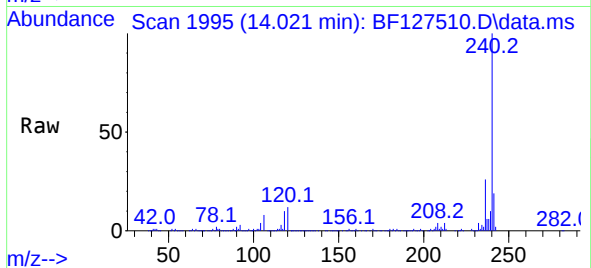




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

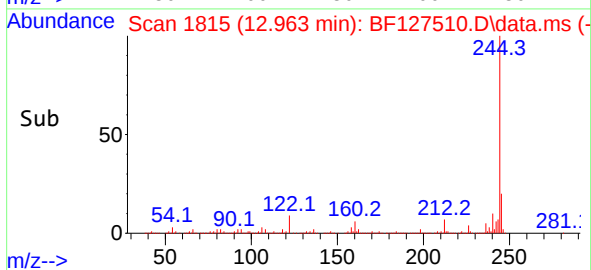
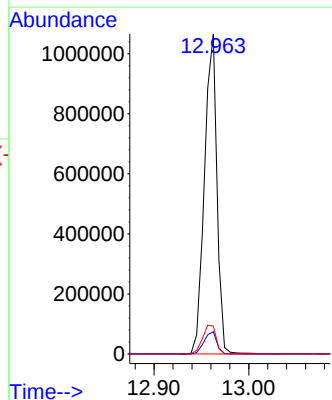
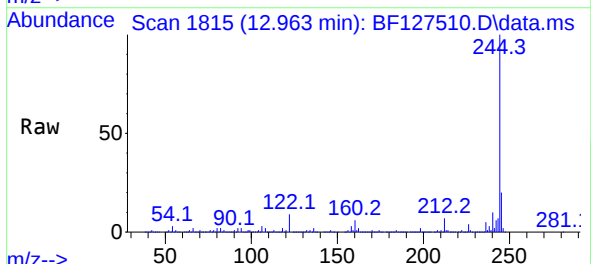
Instrument :
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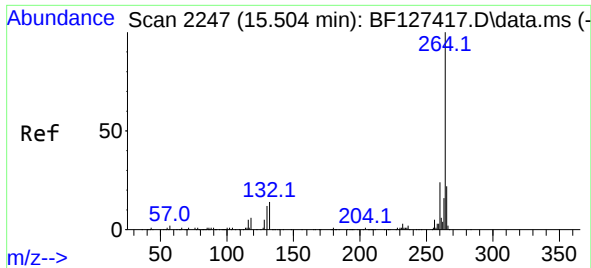
Tgt Ion:240 Resp: 182649
Ion Ratio Lower Upper
240 100
120 11.7 7.1 10.7#
236 26.5 20.7 31.1



#79
Terphenyl-d14
Concen: 87.701 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127510.D
Acq: 24 Mar 2022 18:49

Tgt Ion:244 Resp: 978521
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.7 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127510.D
 Acq: 24 Mar 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-46

Tgt Ion:264 Resp: 186145
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.4 17.4 26.2

