

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127799.D
 Acq On : 15 Apr 2022 12:02
 Operator : CG\JU
 Sample : PB144103TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144103TB

Quant Time: Apr 18 01:23:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	159003	20.000	ng	-0.02
21) Naphthalene-d8	8.234	136	580608	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	338997	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	649538	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	530860	20.000	ng	-0.02
86) Perylene-d12	15.645	264	392403	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1142450	116.751	ng	0.00
7) Phenol-d6	6.575	99	1448508	113.153	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1037913	79.695	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	463160	128.390	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1848456	77.138	ng	-0.01
79) Terphenyl-d14	13.074	244	2250677	69.980	ng	0.00

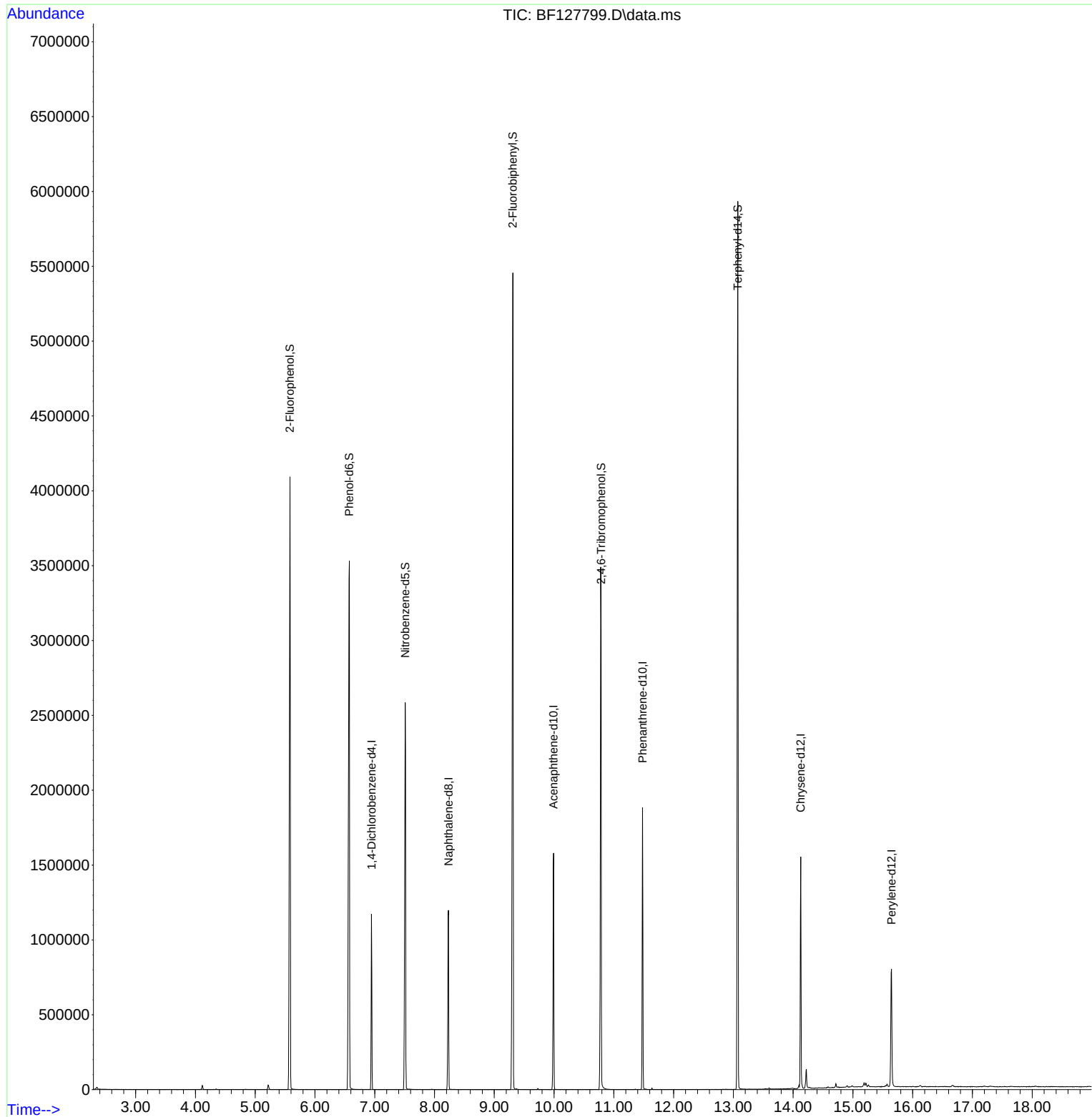
Target Compounds	Qvalue

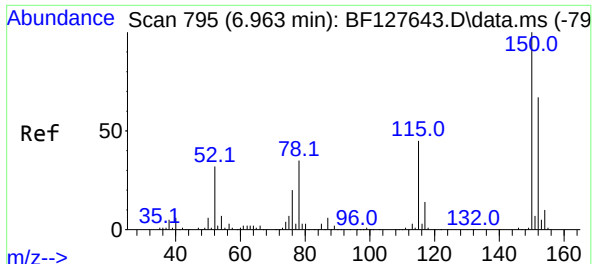
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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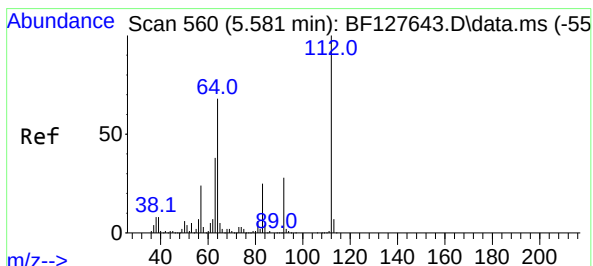
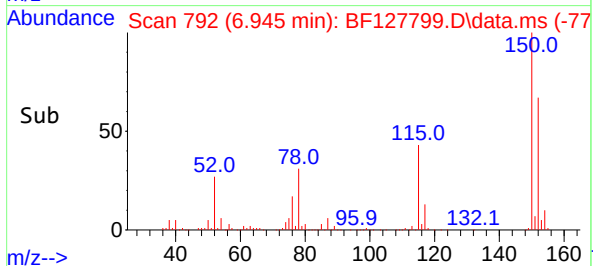
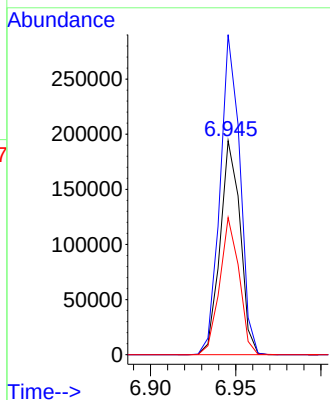
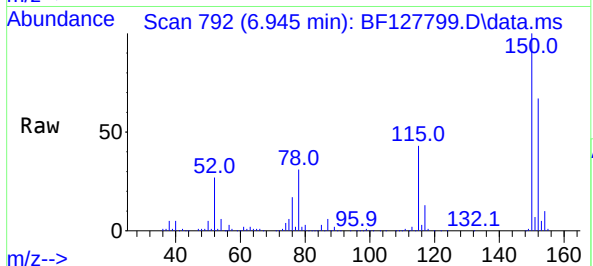




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

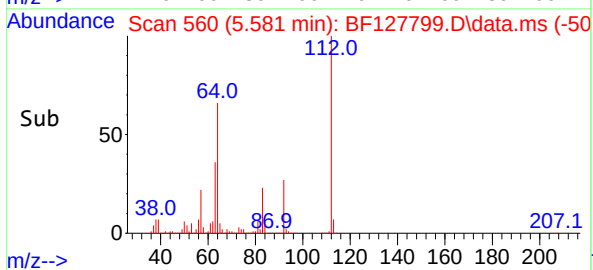
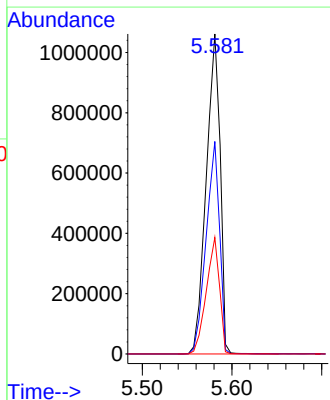
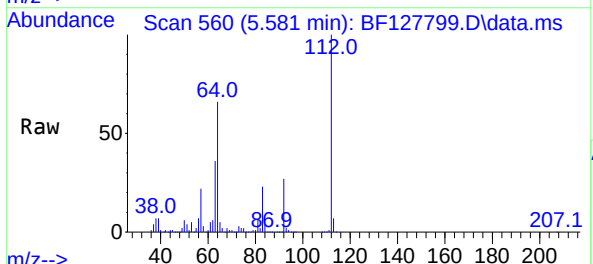
Instrument :
BNA_F
ClientSampleId :
PB144103TB

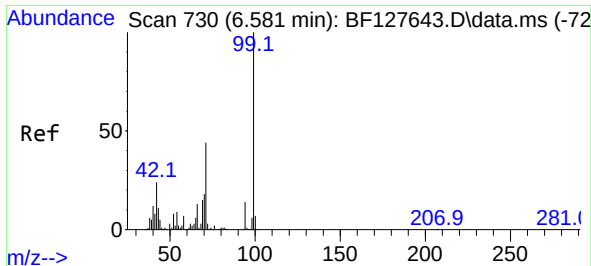
Tgt Ion:152 Resp: 159003
Ion Ratio Lower Upper
152 100
150 149.6 117.2 175.8
115 64.1 49.8 74.6



#5
2-Fluorophenol
Concen: 116.751 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion:112 Resp: 1142450
Ion Ratio Lower Upper
112 100
64 66.4 58.4 87.6
63 36.4 30.1 45.1

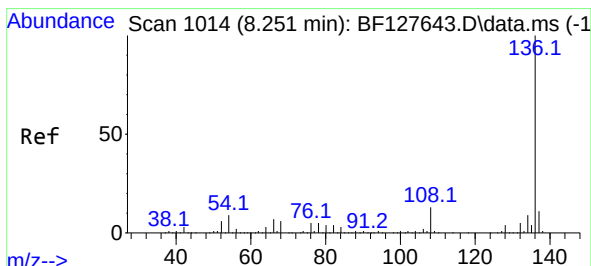
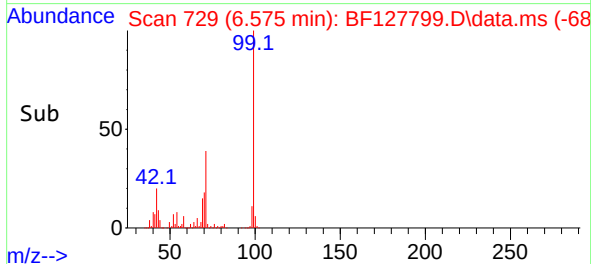
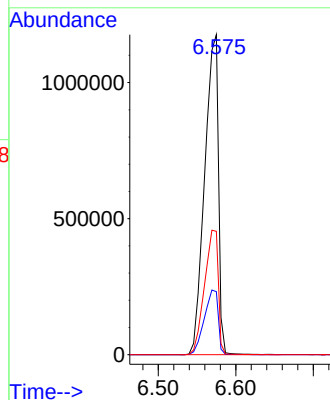
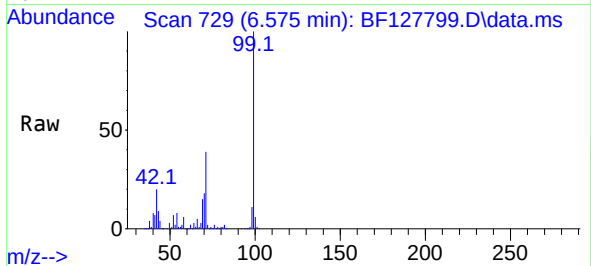




#7
Phenol-d6
Concen: 113.153 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

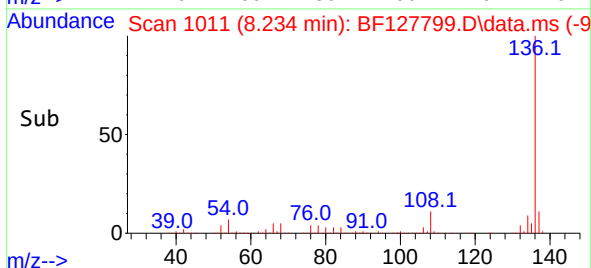
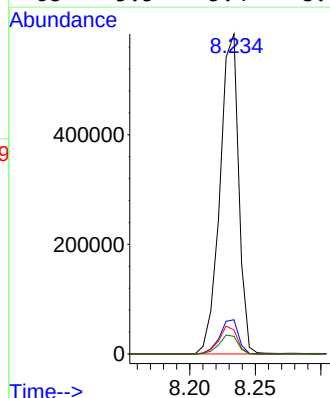
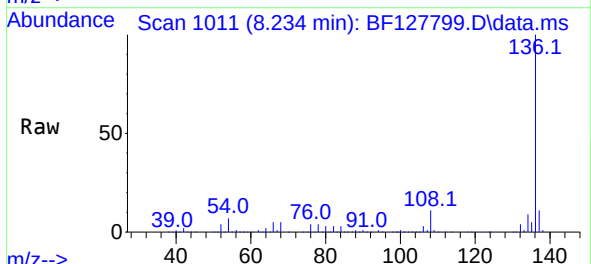
Instrument :
BNA_F
ClientSampleId :
PB144103TB

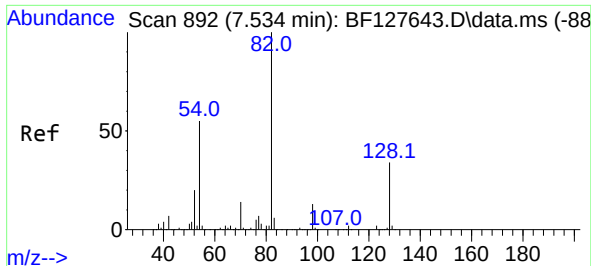
Tgt Ion: 99 Resp: 1448508
Ion Ratio Lower Upper
99 100
42 19.7 17.8 26.6
71 38.6 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion: 136 Resp: 580608
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.5 9.2 13.8#
68 5.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 79.695 ng

RT: 7.510 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

Instrument :

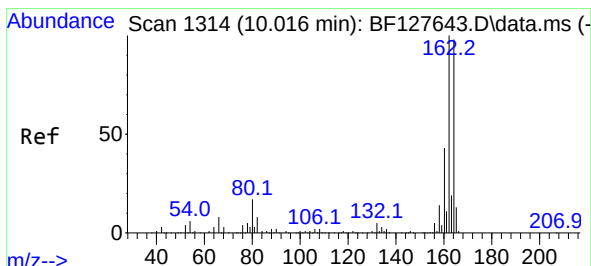
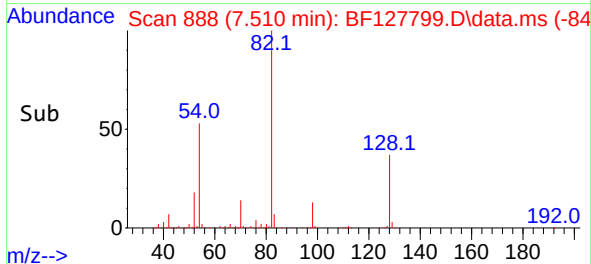
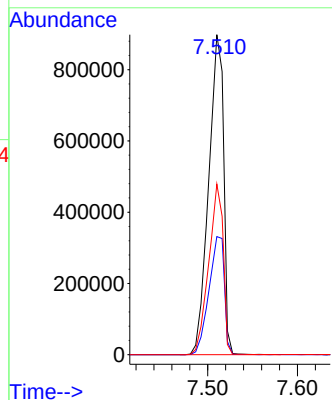
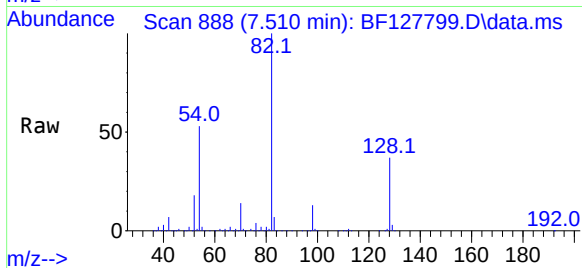
BNA_F

ClientSampleId :

PB144103TB

Tgt Ion: 82 Resp: 1037913

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.6	45.8
54	53.3	48.2	72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1310

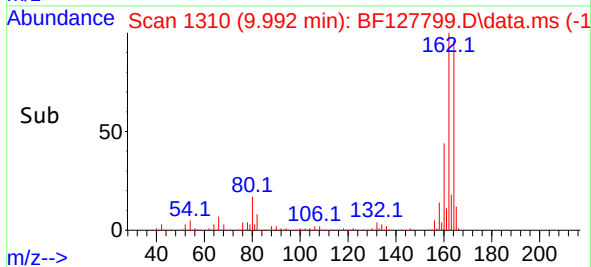
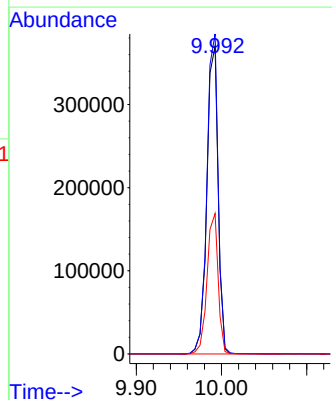
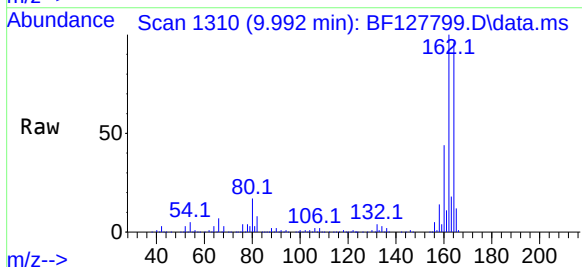
Delta R.T. -0.012 min

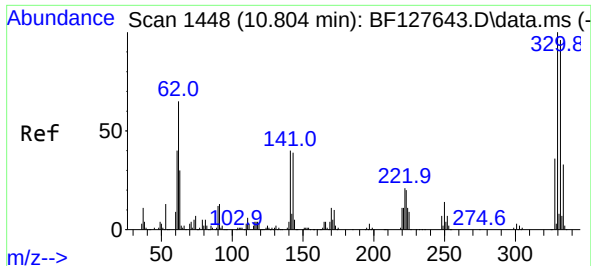
Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

Tgt Ion: 164 Resp: 338997

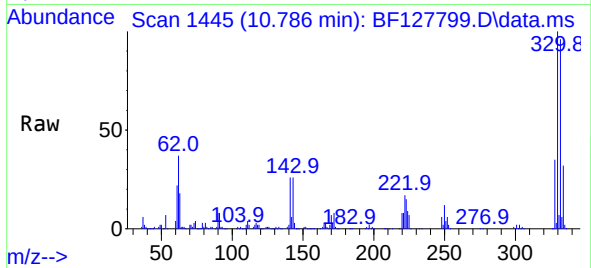
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.2	121.8
160	45.6	34.6	52.0



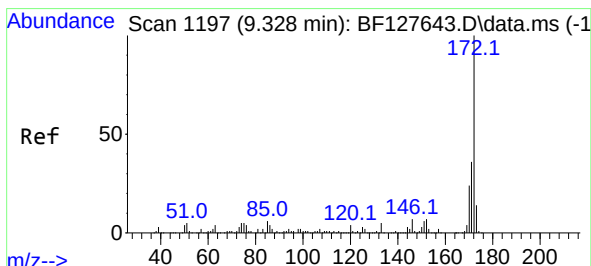
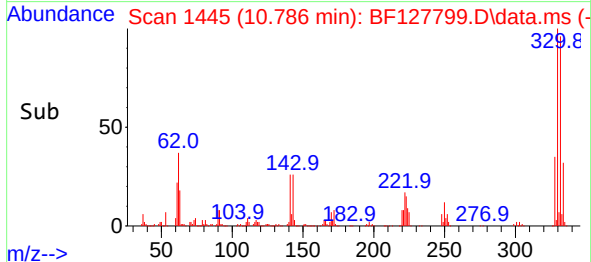
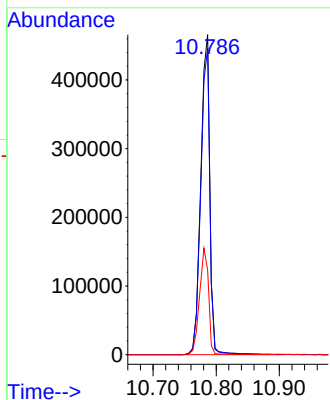


#42
2,4,6-Tribromophenol
Concen: 128.390 ng
RT: 10.786 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Instrument :
BNA_F
ClientSampleId :
PB144103TB

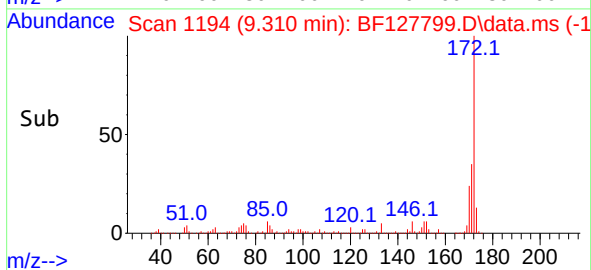
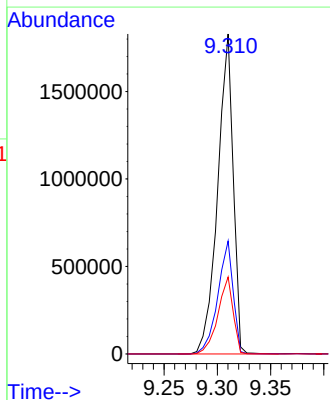
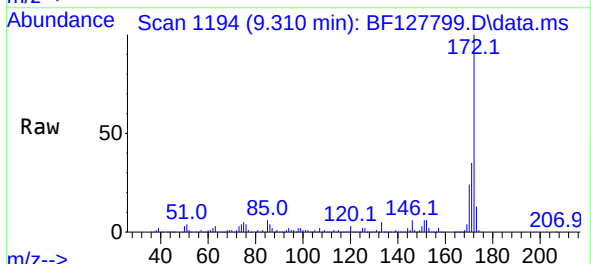


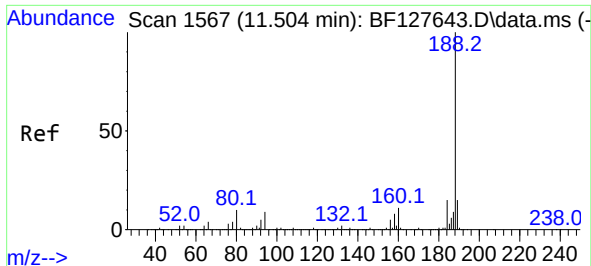
Tgt Ion:330 Resp: 463160
Ion Ratio Lower Upper
330 100
332 95.4 79.1 118.7
141 33.4 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 77.138 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion:172 Resp: 1848456
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.1 18.6 27.8

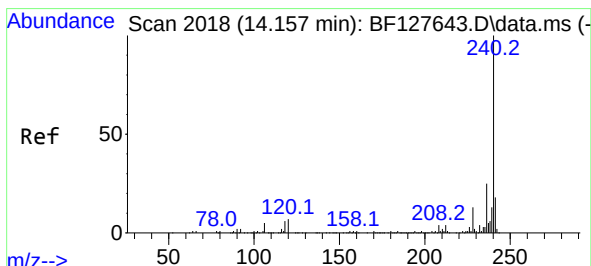
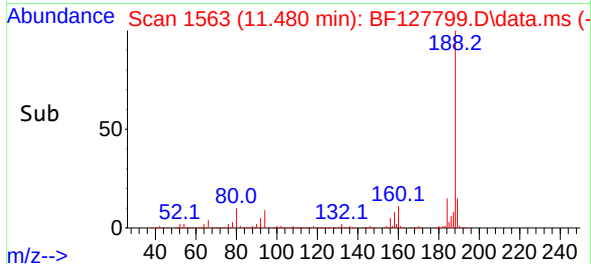
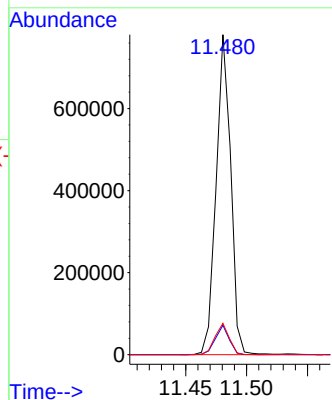
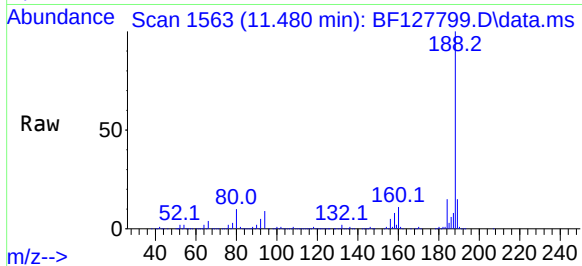




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

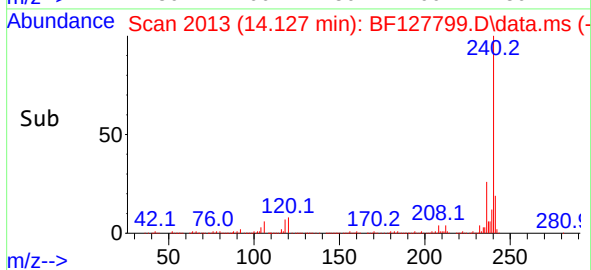
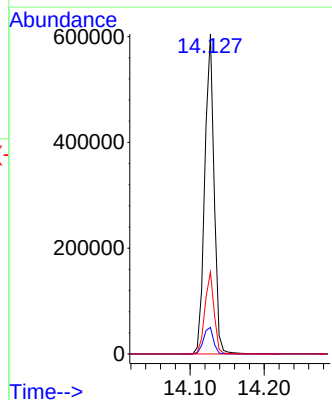
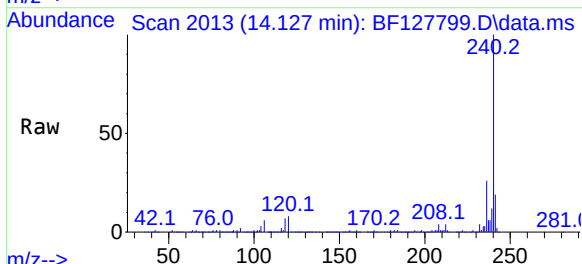
Instrument :
BNA_F
ClientSampleId :
PB144103TB

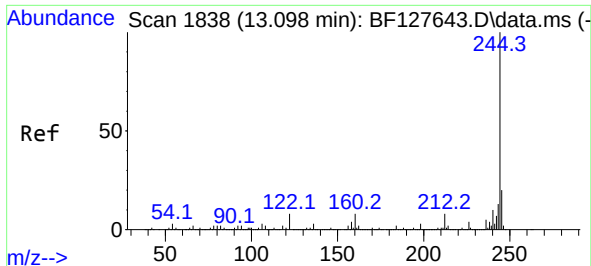
Tgt Ion:188 Resp: 649538
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion:240 Resp: 530860
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.6 20.7 31.1

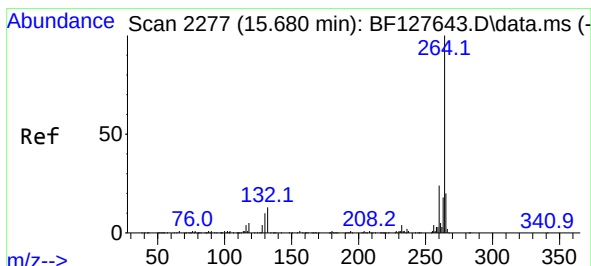
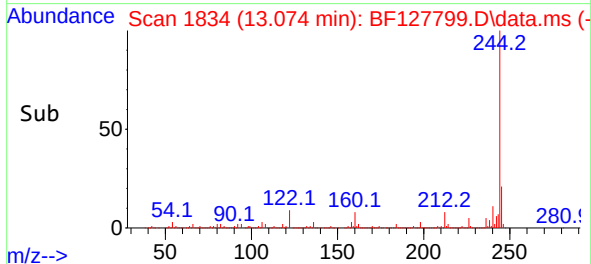
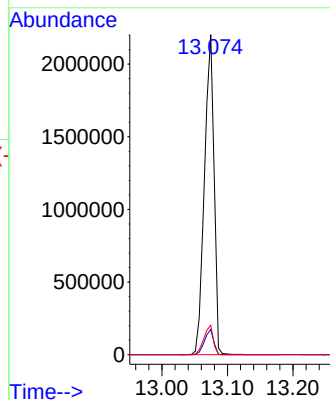
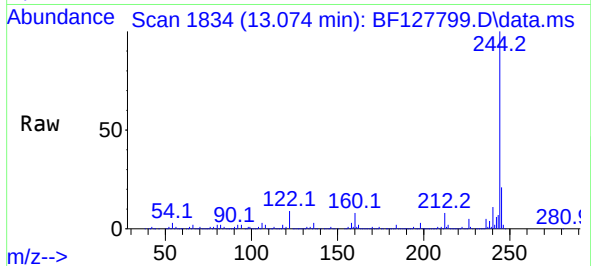




#79
 Terphenyl-d14
 Concen: 69.980 ng
 RT: 13.074 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127799.D
 Acq: 15 Apr 2022 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB144103TB

Tgt Ion:244 Resp: 2250677
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 9.2 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF127799.D
 Acq: 15 Apr 2022 12:02

Tgt Ion:264 Resp: 392403
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.3 17.4 26.2

