

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127949.D
 Acq On : 27 Apr 2022 17:05
 Operator : CG\JU
 Sample : N2572-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-14S

Quant Time: Apr 27 17:33:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107282	20.000	ng	-0.02
21) Naphthalene-d8	8.210	136	401987	20.000	ng	-0.02
39) Acenaphthene-d10	9.969	164	210376	20.000	ng	-0.02
64) Phenanthrene-d10	11.463	188	314482	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	197370	20.000	ng	-0.02
86) Perylene-d12	15.615	264	253070	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1080784	160.461	ng	0.00
7) Phenol-d6	6.557	99	1415305	161.938	ng	-0.01
23) Nitrobenzene-d5	7.498	82	1026549	120.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	273301	129.050	ng	-0.02
45) 2-Fluorobiphenyl	9.292	172	1516040	121.913	ng	-0.01
79) Terphenyl-d14	13.051	244	1061051	98.303	ng	-0.01

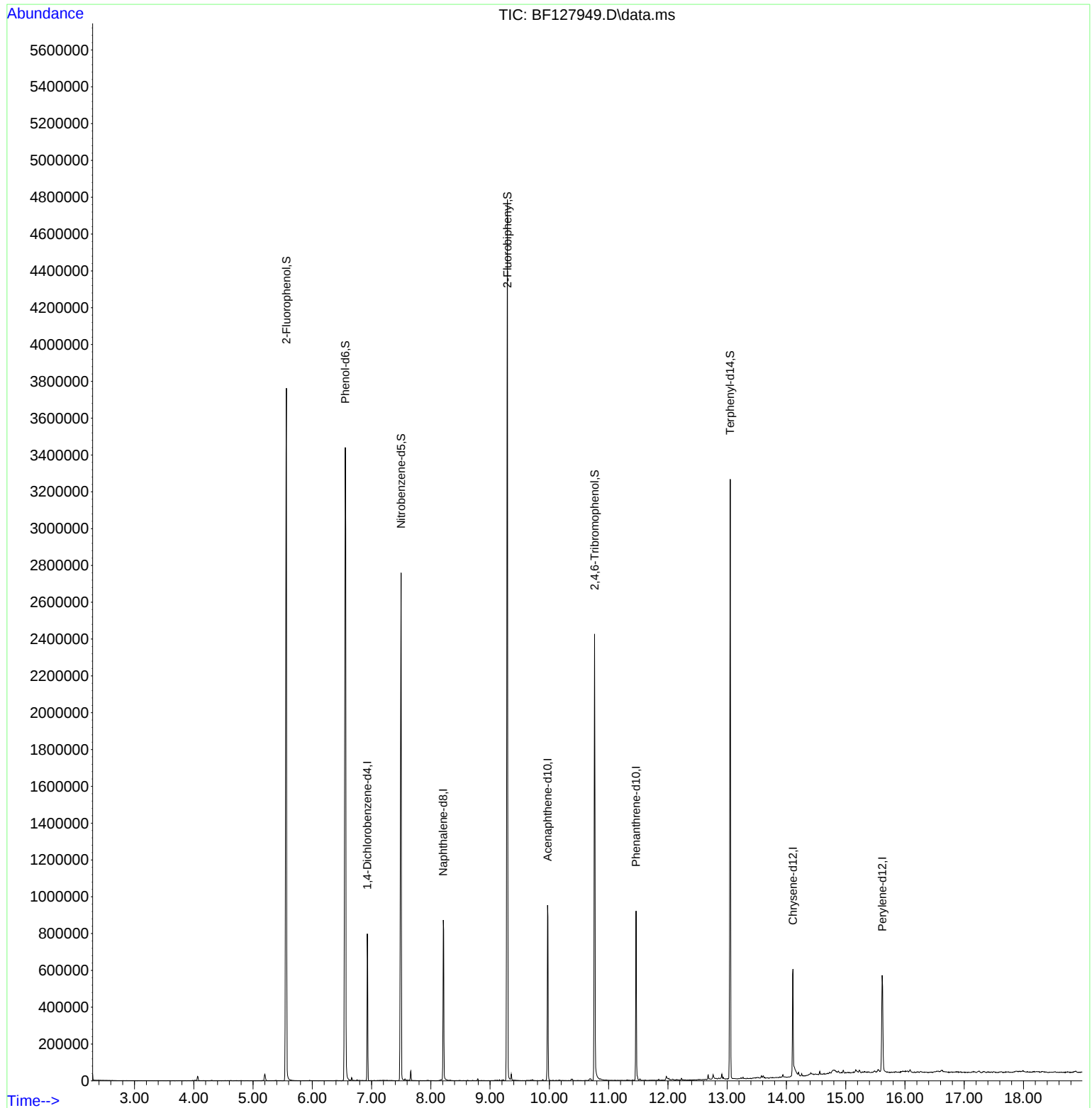
Target Compounds	Qvalue

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

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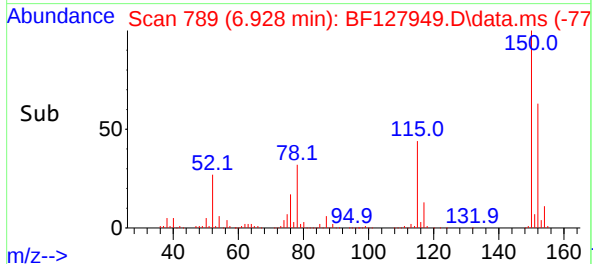
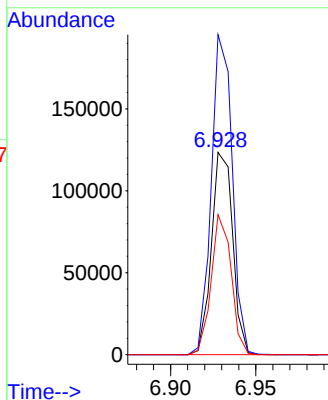
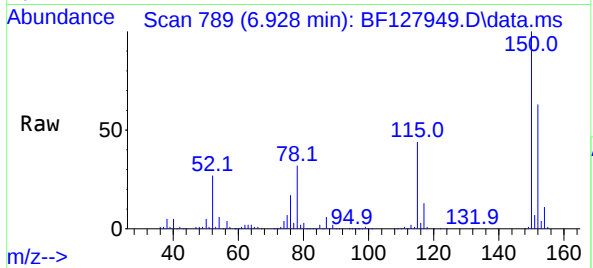




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

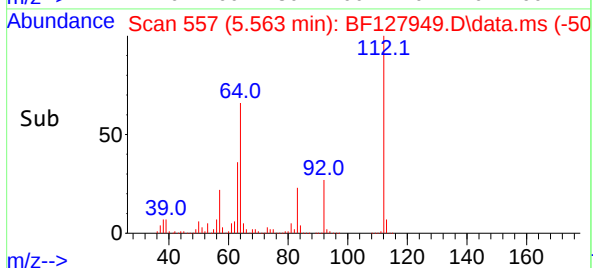
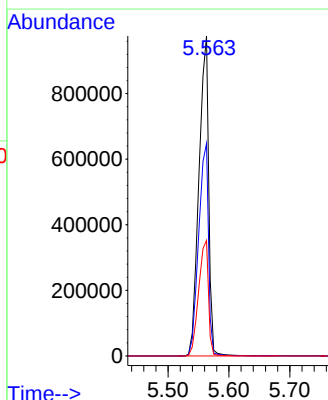
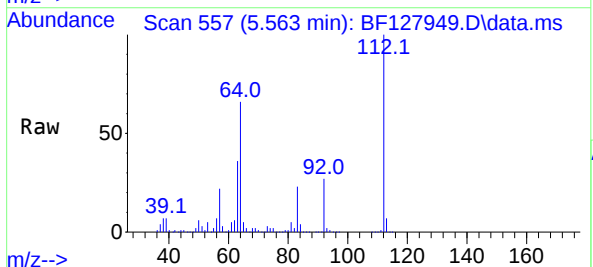
Instrument :
BNA_F
ClientSampleId :
MH-14S

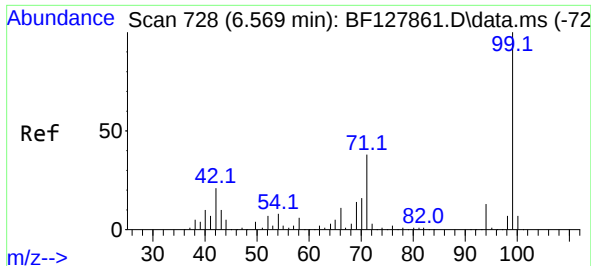
Tgt Ion:152 Resp: 107282
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 69.2 48.8 73.2



#5
2-Fluorophenol
Concen: 160.461 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion:112 Resp: 1080784
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 36.1 26.3 39.5

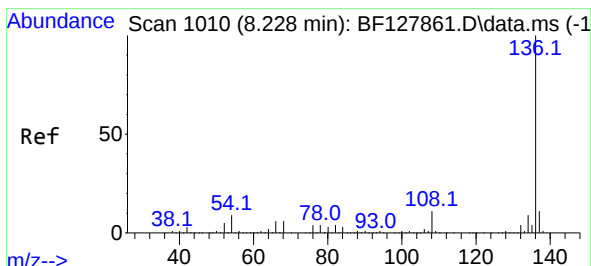
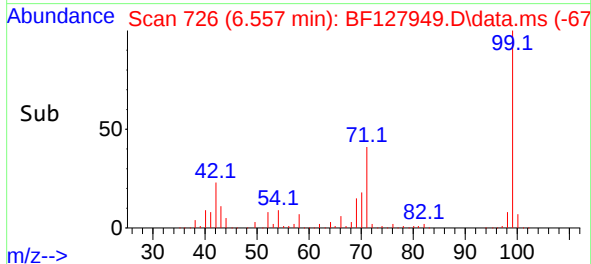
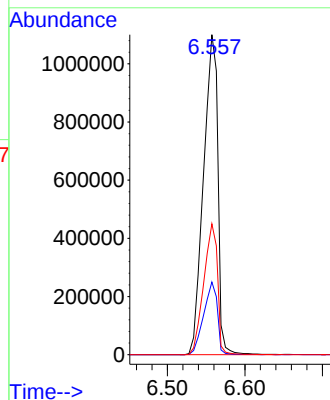
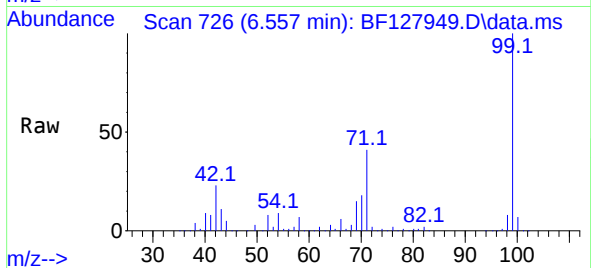




#7
Phenol-d6
Concen: 161.938 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

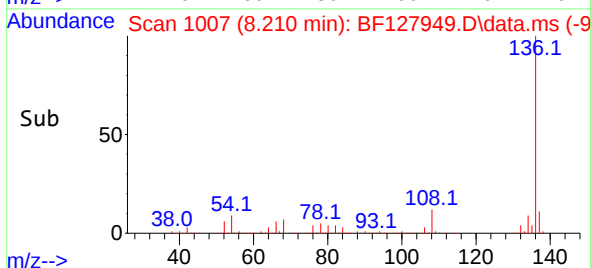
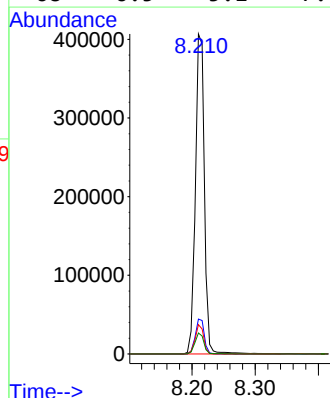
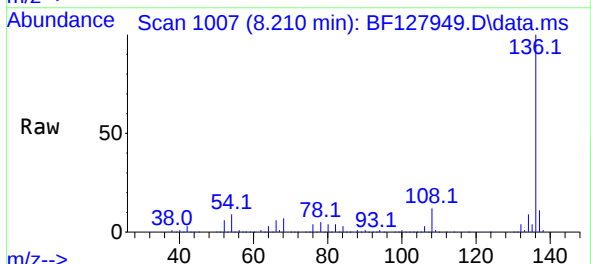
Instrument :
BNA_F
ClientSampleId :
MH-14S

Tgt Ion: 99 Resp: 1415305
Ion Ratio Lower Upper
99 100
42 22.7 16.6 24.8
71 40.9 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion: 136 Resp: 401987
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 6.8 10.2
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 120.085 ng

RT: 7.498 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127949.D

Acq: 27 Apr 2022 17:05

Instrument :

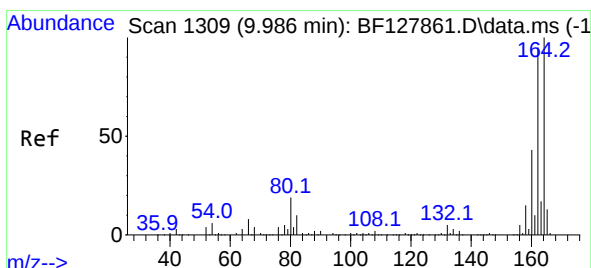
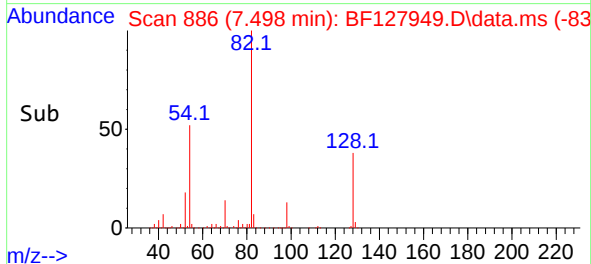
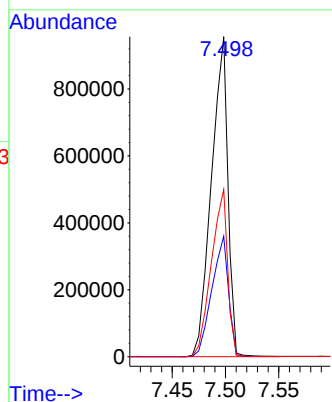
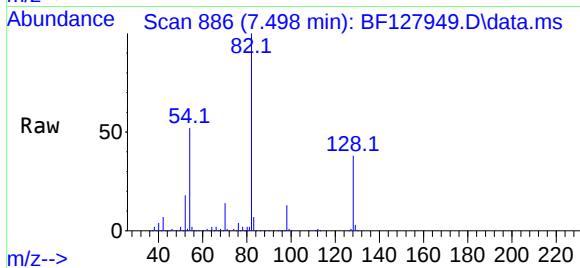
BNA_F

ClientSampleId :

MH-14S

Tgt Ion: 82 Resp: 1026549

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	52.3	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

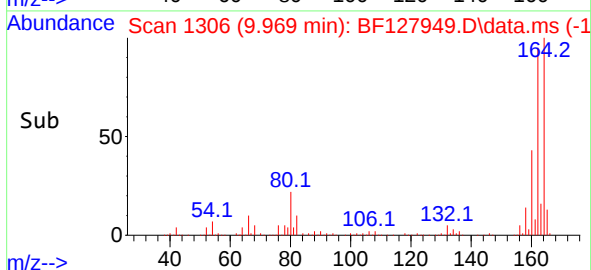
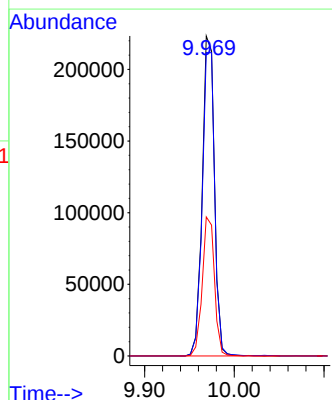
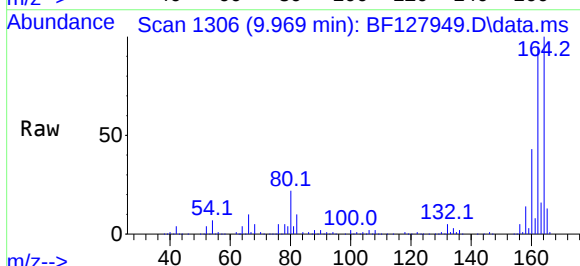
Delta R.T. -0.018 min

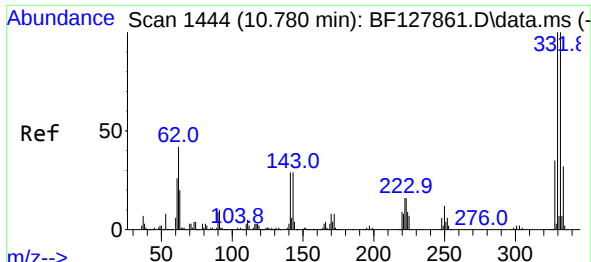
Lab File: BF127949.D

Acq: 27 Apr 2022 17:05

Tgt Ion: 164 Resp: 210376

Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.0	114.0
160	43.5	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 129.050 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.018 min

Lab File: BF127949.D

Acq: 27 Apr 2022 17:05

Instrument :

BNA_F

ClientSampleId :

MH-14S

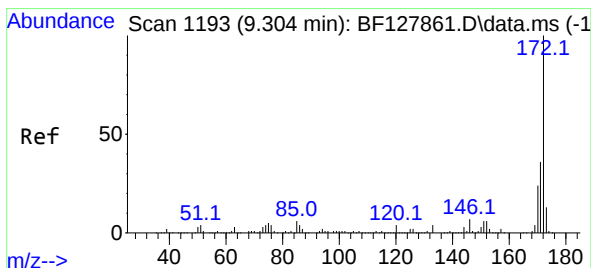
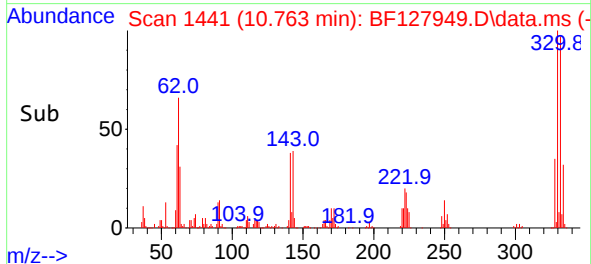
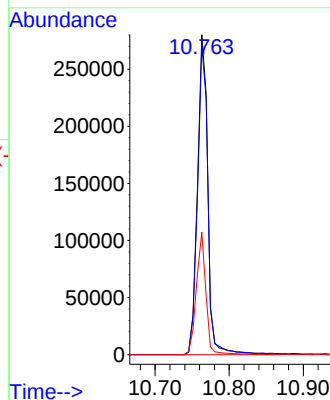
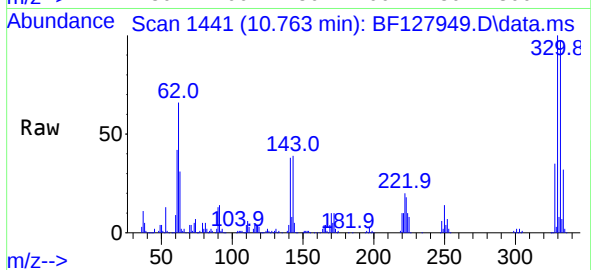
Tgt Ion:330 Resp: 273301

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 35.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 121.913 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF127949.D

Acq: 27 Apr 2022 17:05

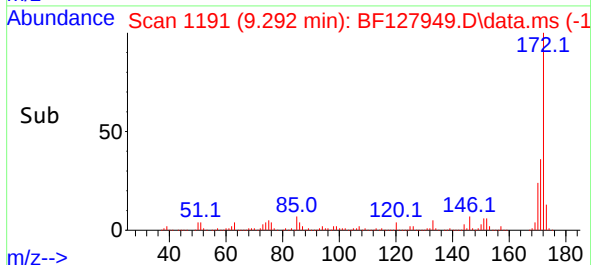
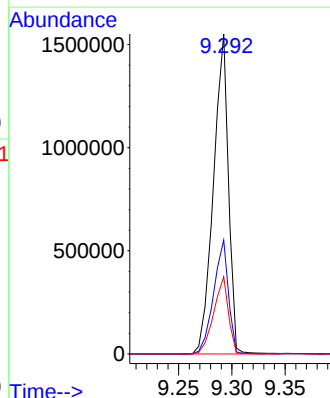
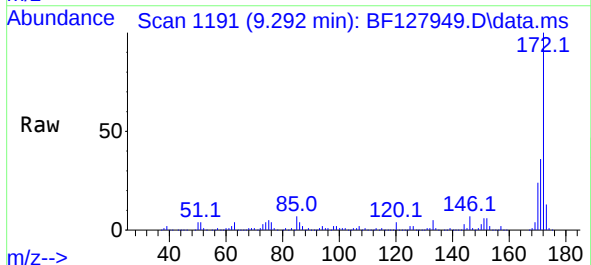
Tgt Ion:172 Resp: 1516040

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 24.1 19.1 28.7

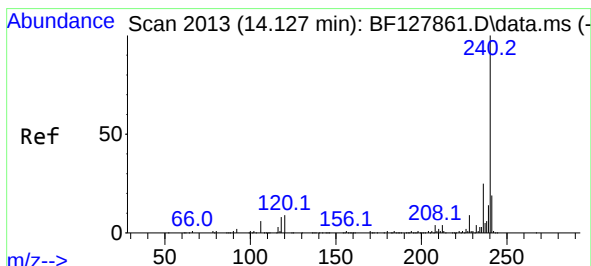
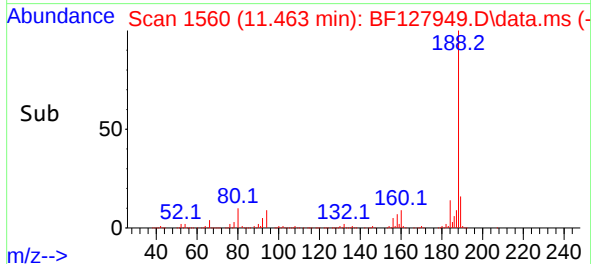
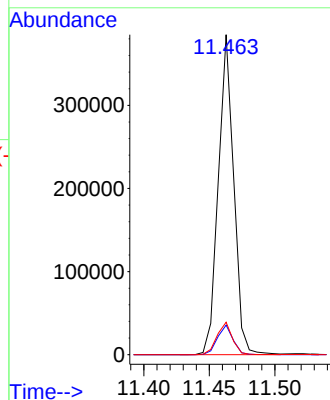
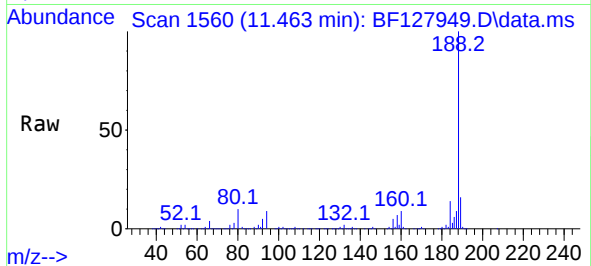




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

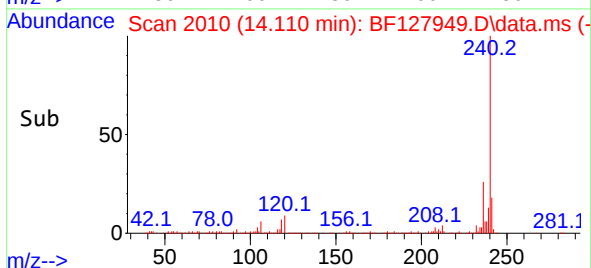
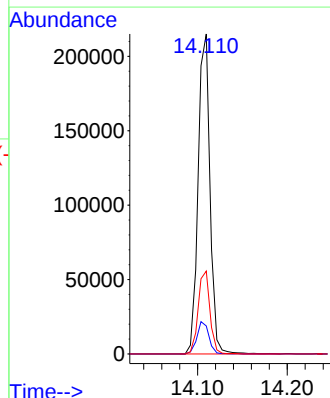
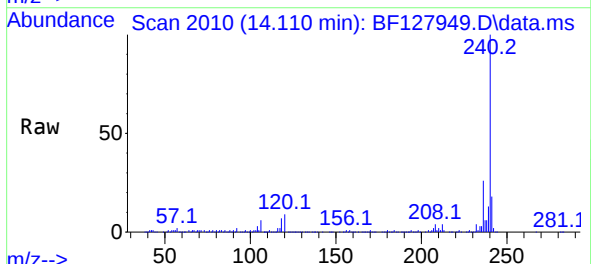
Instrument :
BNA_F
ClientSampleId :
MH-14S

Tgt Ion:188 Resp: 314482
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BF127949.D
Acq: 27 Apr 2022 17:05

Tgt Ion:240 Resp: 197370
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.9 20.3 30.5

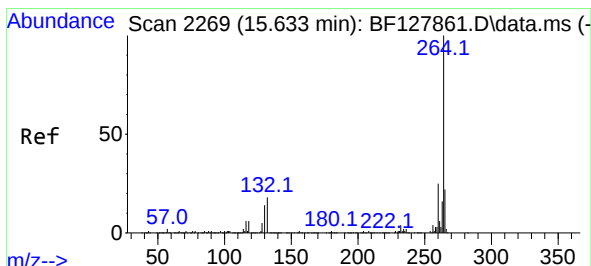
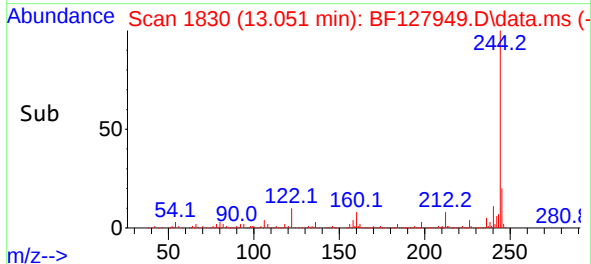
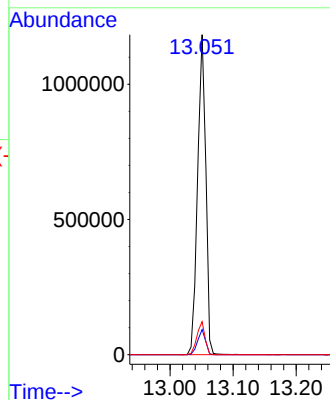
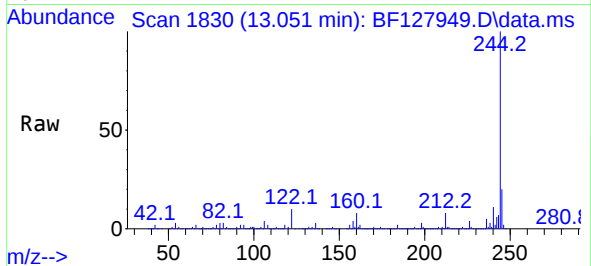




#79
 Terphenyl-d14
 Concen: 98.303 ng
 RT: 13.051 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF127949.D
 Acq: 27 Apr 2022 17:05

Instrument :
 BNA_F
 ClientSampleId :
 MH-14S

Tgt Ion:244 Resp: 1061051
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF127949.D
 Acq: 27 Apr 2022 17:05

Tgt Ion:264 Resp: 253070
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.7 17.5 26.3

