

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129943.D
 Acq On : 22 Aug 2022 16:37
 Operator : CG\JU
 Sample : N4224-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816

Quant Time: Aug 23 04:49:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	129280	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	520922	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	284401	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	491816	20.000	ng	0.00
76) Chrysene-d12	13.945	240	379866	20.000	ng	0.00
86) Perylene-d12	15.398	264	309120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	961781	123.176	ng	0.02
7) Phenol-d6	6.434	99	1117298	114.266	ng	0.00
23) Nitrobenzene-d5	7.345	82	873668	89.781	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	422206	147.915	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1612407	86.108	ng	0.00
79) Terphenyl-d14	12.892	244	1931966	84.626	ng	0.00

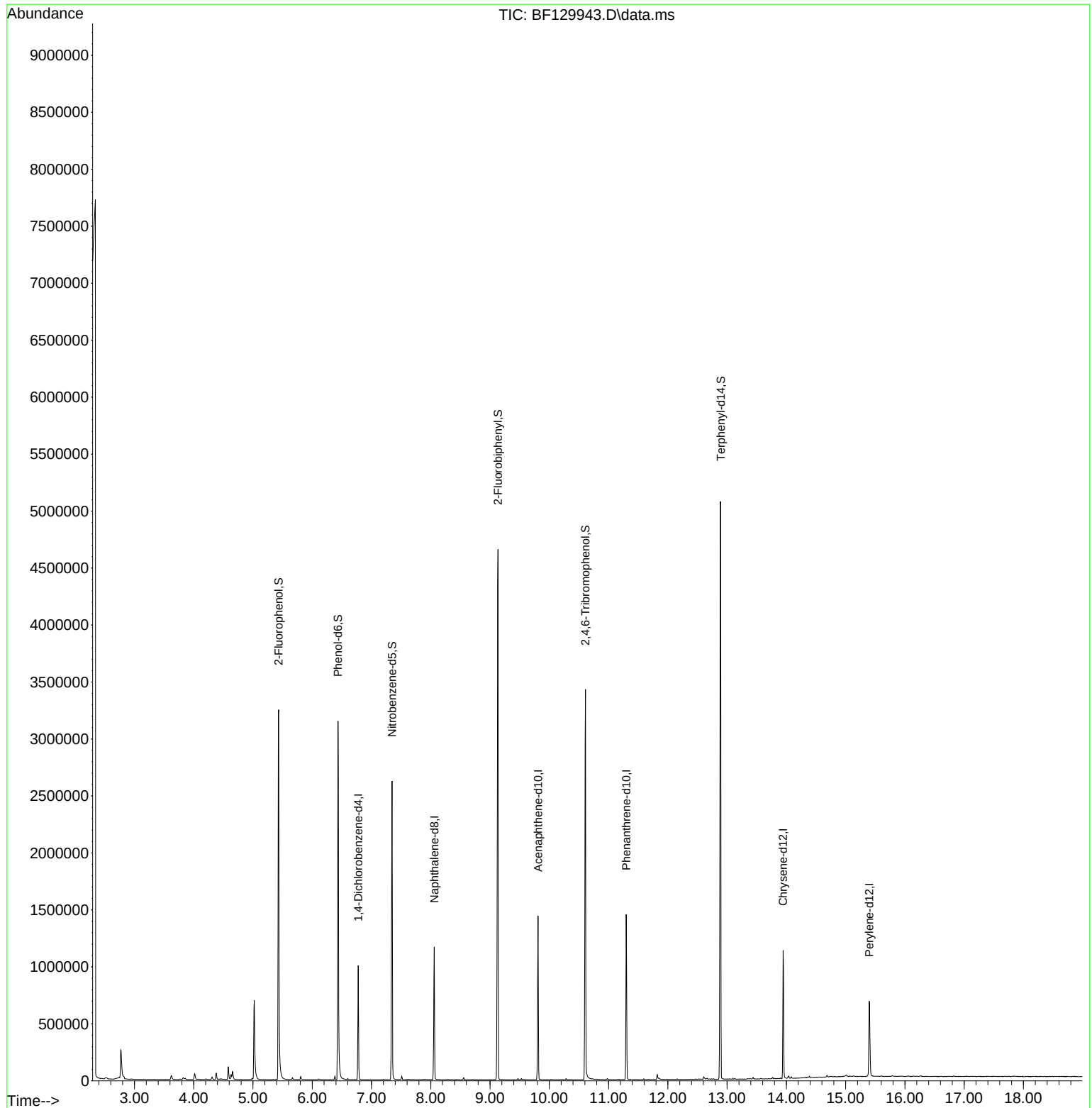
Target Compounds	Qvalue

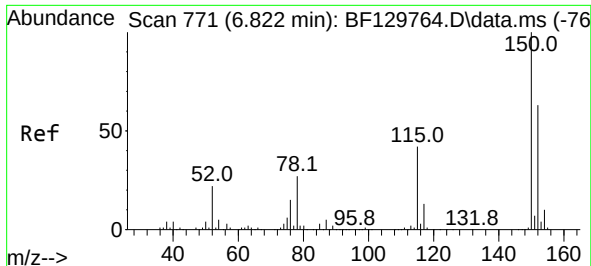
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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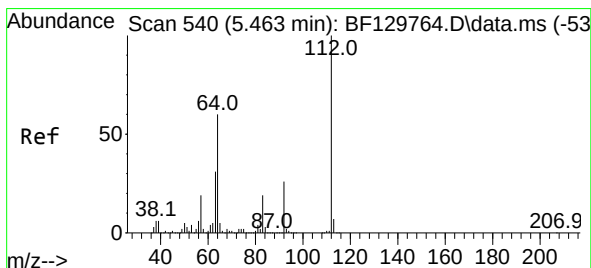
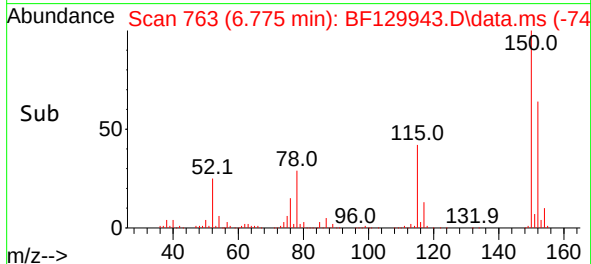
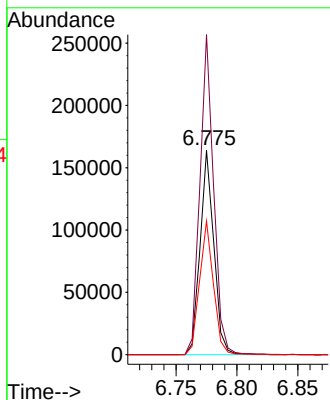
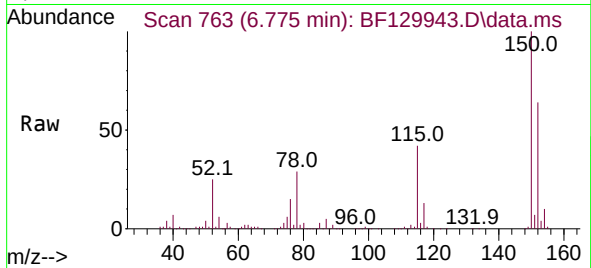




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

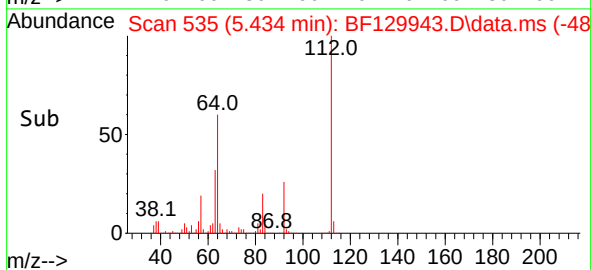
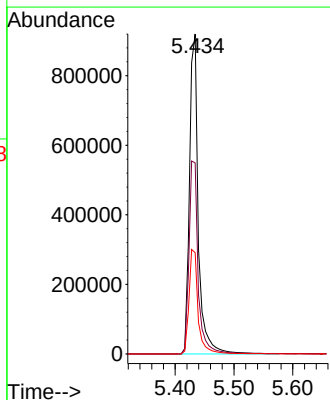
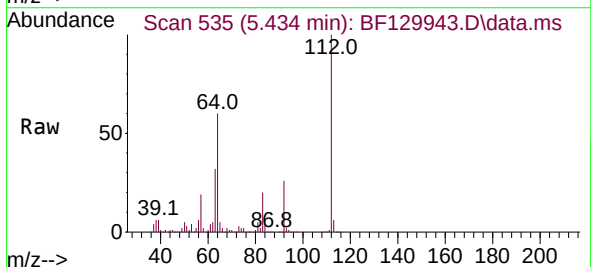
Instrument :
BNA_F
ClientSampleId :
TP2-0816

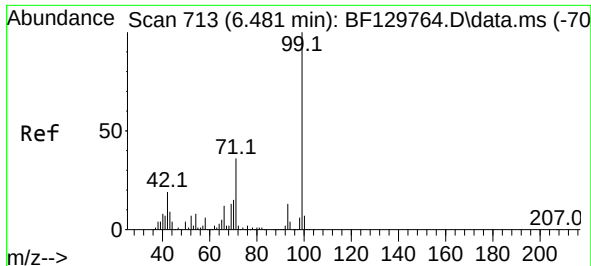
Tgt Ion:152 Resp: 129280
Ion Ratio Lower Upper
152 100
150 156.6 126.9 190.3
115 65.4 53.4 80.0



#5
2-Fluorophenol
Concen: 123.176 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.024 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

Tgt Ion:112 Resp: 961781
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 31.6 24.6 37.0

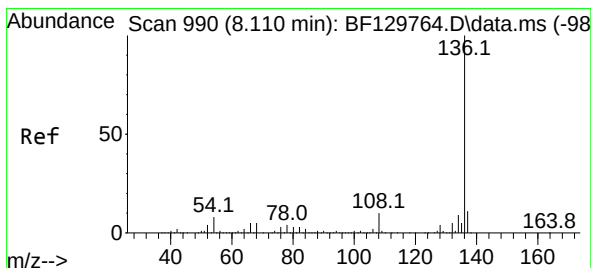
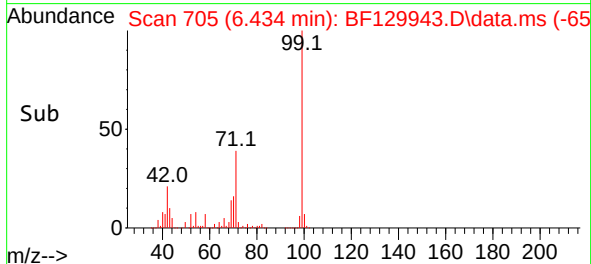
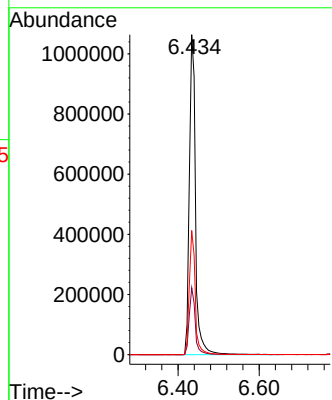
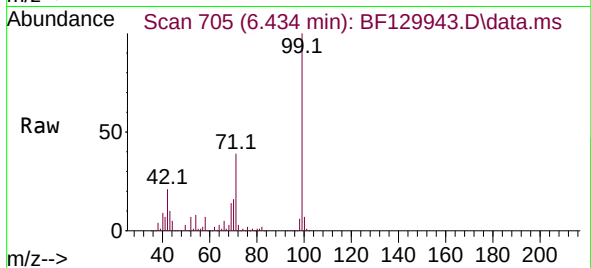




#7
Phenol-d6
Concen: 114.266 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

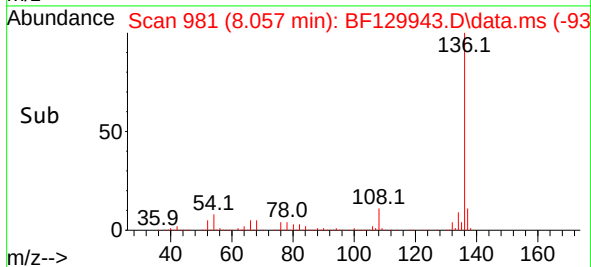
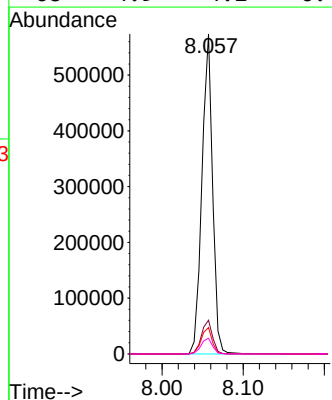
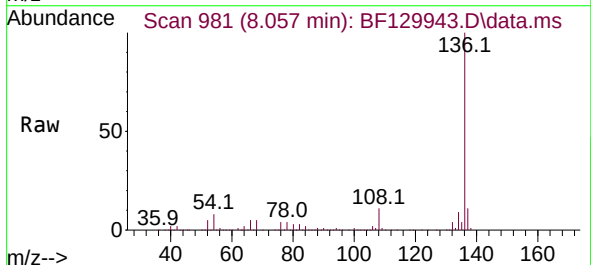
Instrument :
BNA_F
ClientSampleId :
TP2-0816

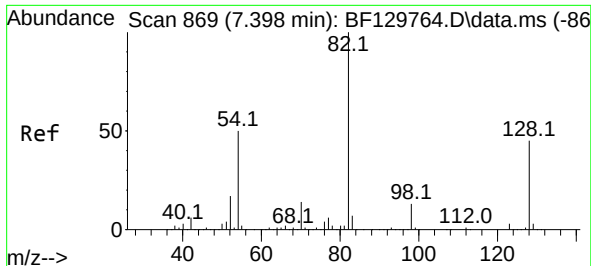
Tgt Ion: 99 Resp: 1117298
Ion Ratio Lower Upper
99 100
42 20.9 15.0 22.4
71 38.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

Tgt Ion: 136 Resp: 520922
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.3 6.2 9.2
68 4.9 4.2 6.4

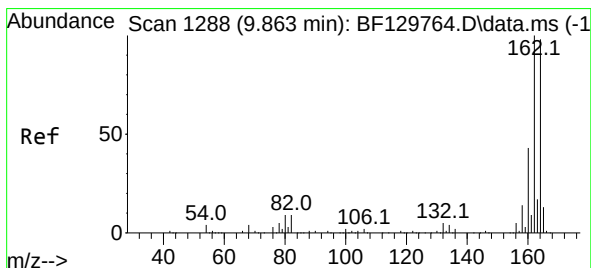
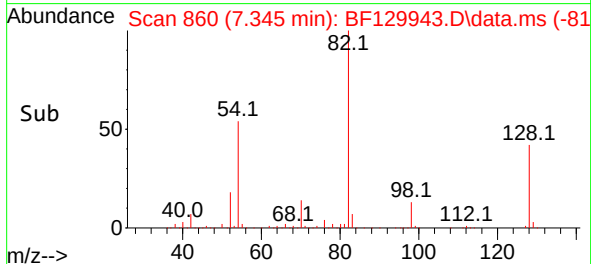
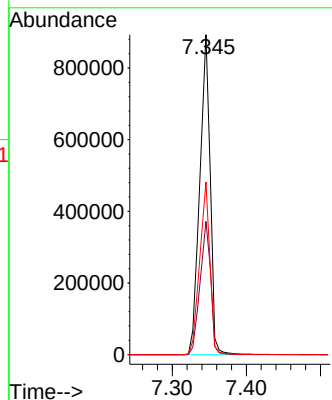
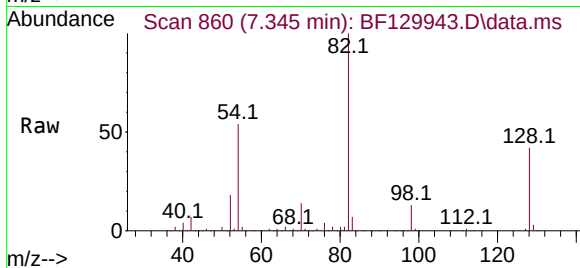




#23
 Nitrobenzene-d5
 Concen: 89.781 ng
 RT: 7.345 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF129943.D
 Acq: 22 Aug 2022 16:37

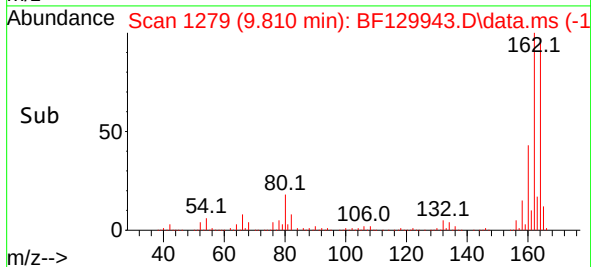
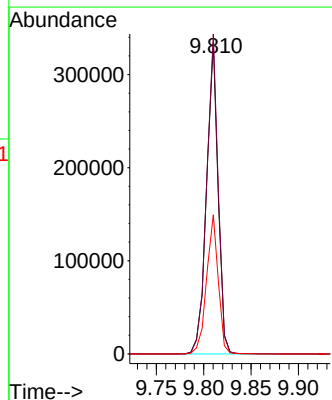
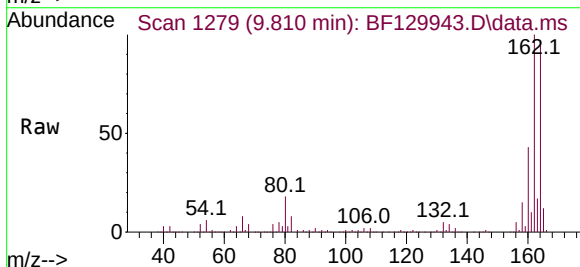
Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816

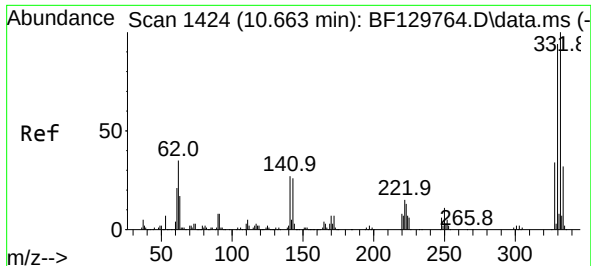
Tgt Ion: 82 Resp: 873668
 Ion Ratio Lower Upper
 82 100
 128 41.6 36.1 54.1
 54 53.9 40.0 60.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.810 min Scan# 1279
 Delta R.T. -0.006 min
 Lab File: BF129943.D
 Acq: 22 Aug 2022 16:37

Tgt Ion:164 Resp: 284401
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.0 123.0
 160 44.7 35.4 53.0

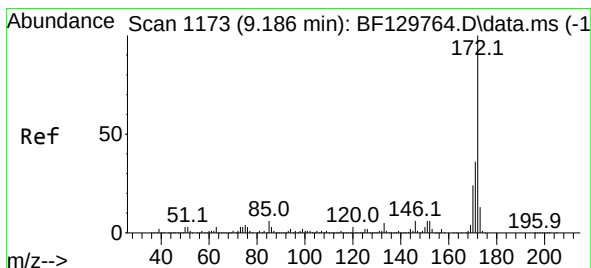
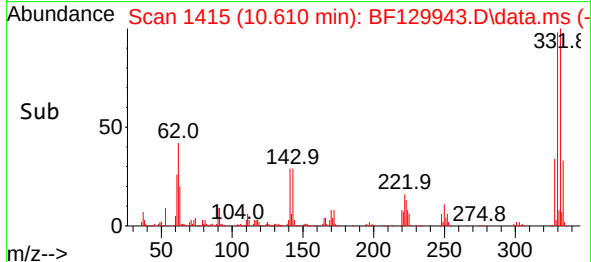
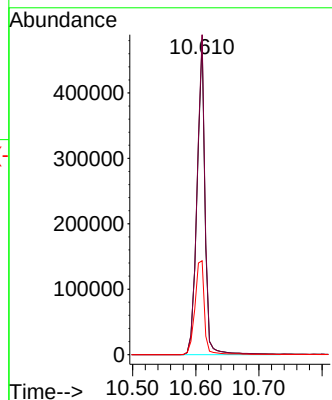
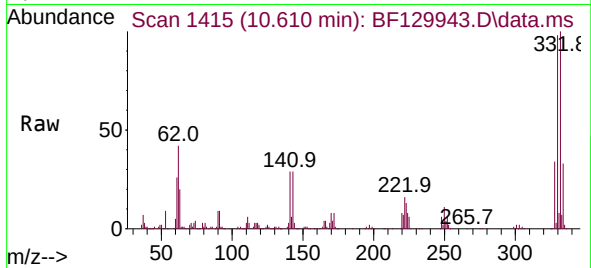




#42
2,4,6-Tribromophenol
Concen: 147.915 ng
RT: 10.610 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

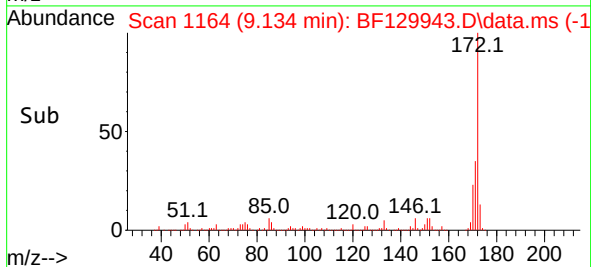
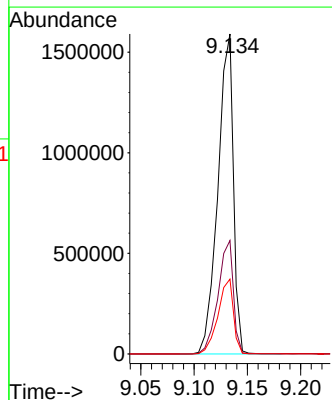
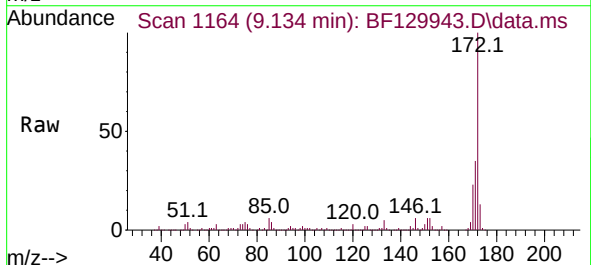
Instrument :
BNA_F
ClientSampleId :
TP2-0816

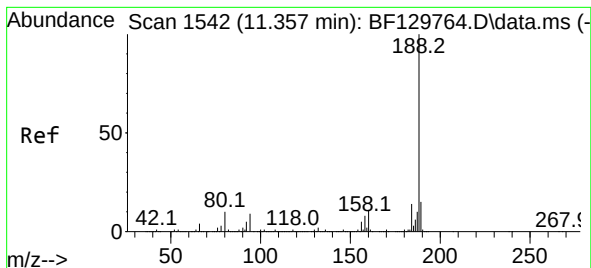
Tgt Ion:330 Resp: 422206
Ion Ratio Lower Upper
330 100
332 102.1 82.6 124.0
141 35.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 86.108 ng
RT: 9.134 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

Tgt Ion:172 Resp: 1612407
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

Instrument :

BNA_F

ClientSampleId :

TP2-0816

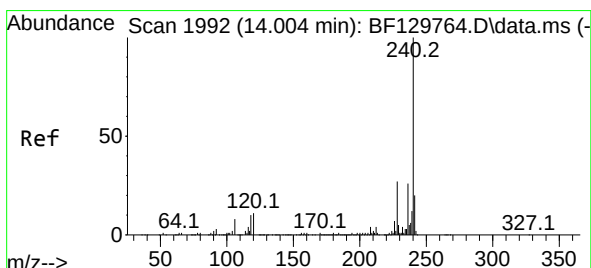
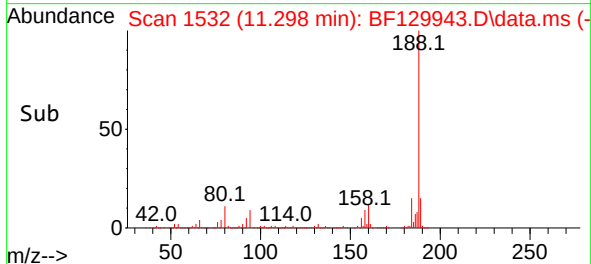
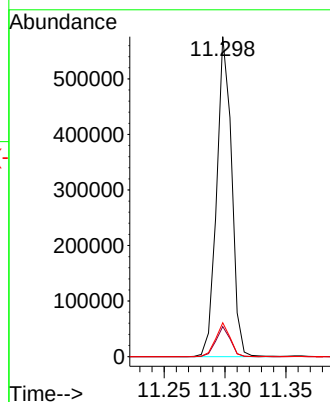
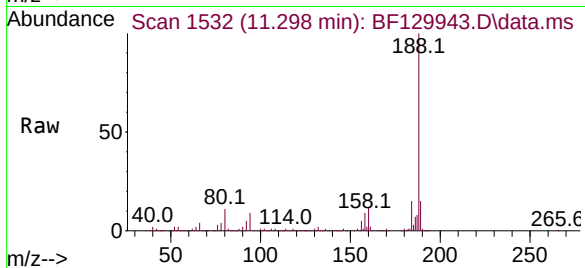
Tgt Ion:188 Resp: 491816

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

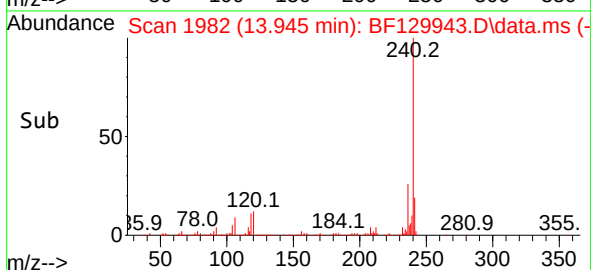
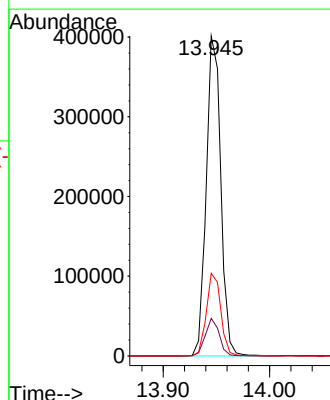
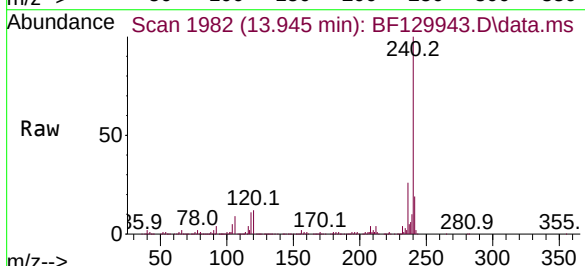
Tgt Ion:240 Resp: 379866

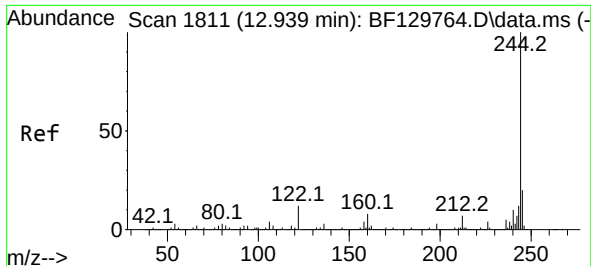
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 25.8 20.7 31.1

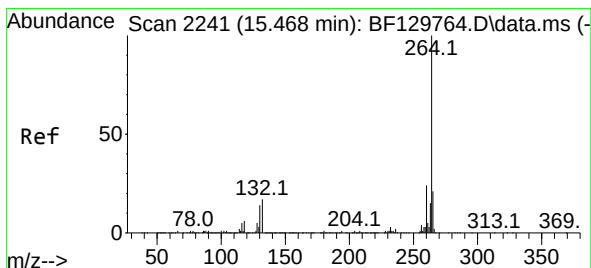
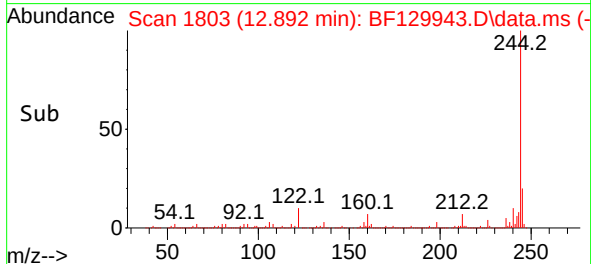
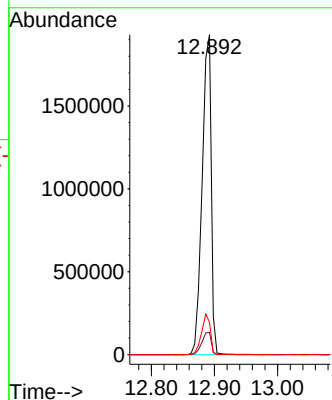
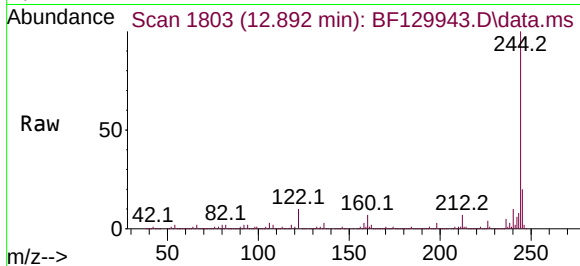




#79
 Terphenyl-d14
 Concen: 84.626 ng
 RT: 12.892 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: BF129943.D
 Acq: 22 Aug 2022 16:37

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816

Tgt Ion:244 Resp: 1931966
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF129943.D
 Acq: 22 Aug 2022 16:37

Tgt Ion:264 Resp: 309120
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.8 16.7 25.1

