

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129956.D
 Acq On : 23 Aug 2022 16:35
 Operator : CG\JU
 Sample : N4142-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-EAST

Quant Time: Aug 24 01:55:25 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	140013	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	571217	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	309785	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	525428	20.000	ng	0.00
76) Chrysene-d12	13.945	240	321747	20.000	ng	0.00
86) Perylene-d12	15.398	264	227502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	889936	105.238	ng	0.00
7) Phenol-d6	6.434	99	1121607	105.914	ng	0.00
23) Nitrobenzene-d5	7.345	82	742076	69.544	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	325001	104.530	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1364749	66.911	ng	0.00
79) Terphenyl-d14	12.886	244	1372443	70.977	ng	0.00

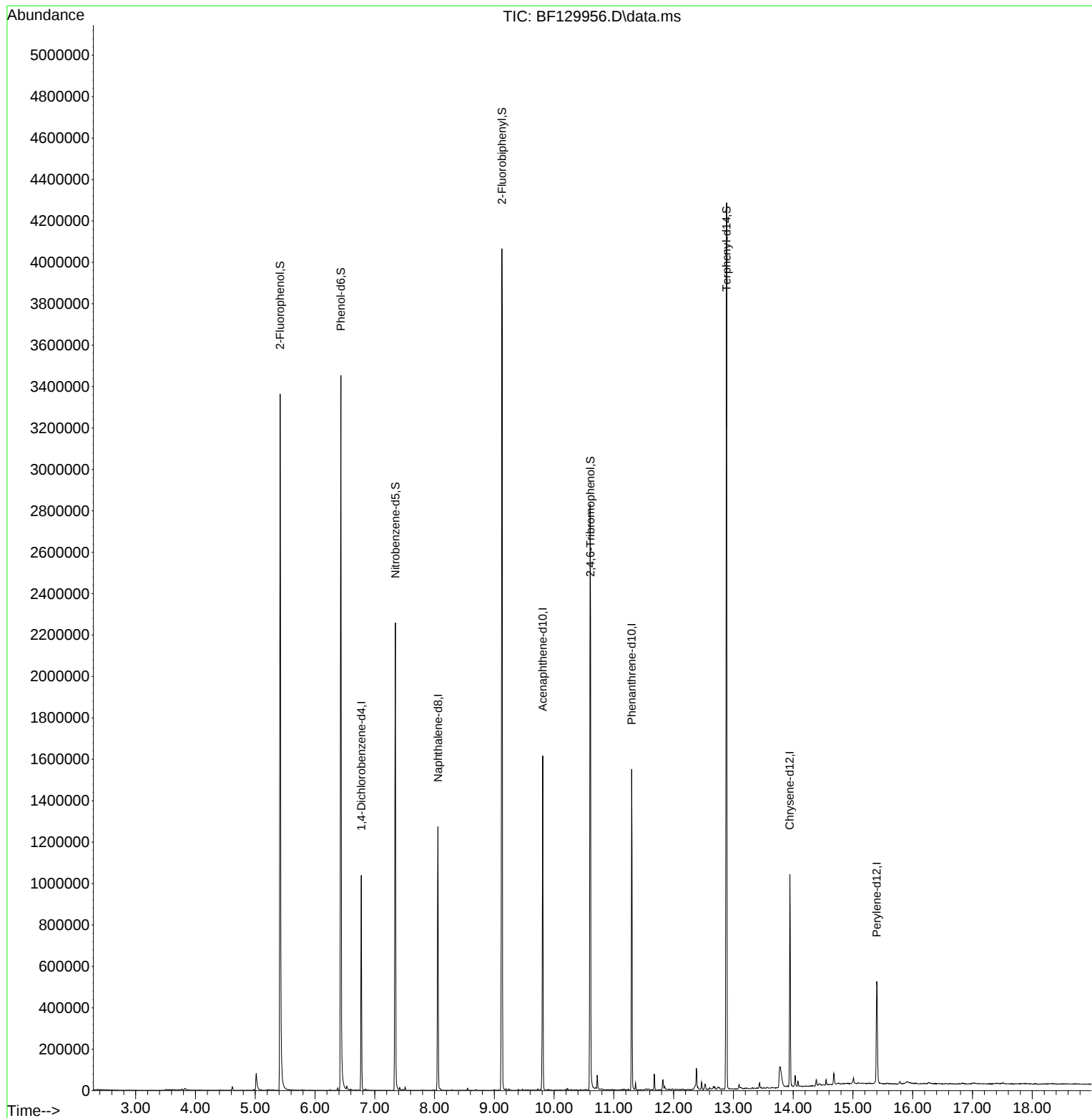
Target Compounds	Qvalue

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

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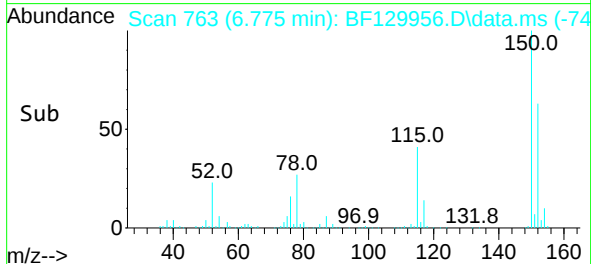
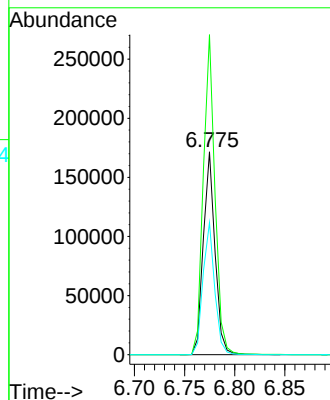
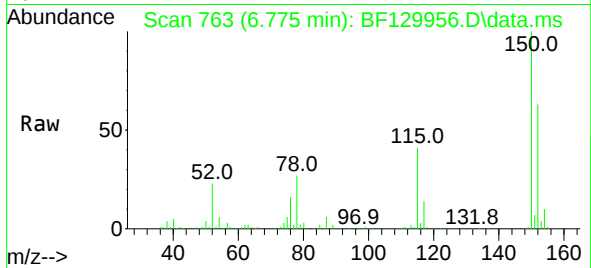




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

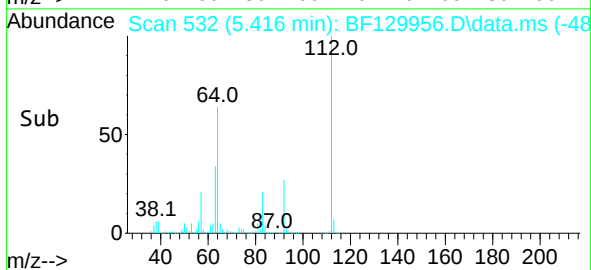
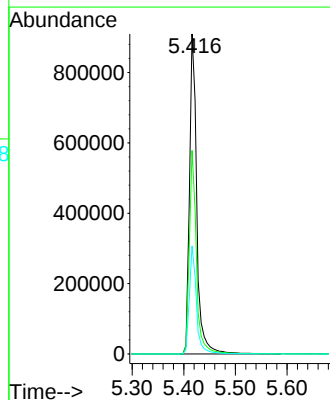
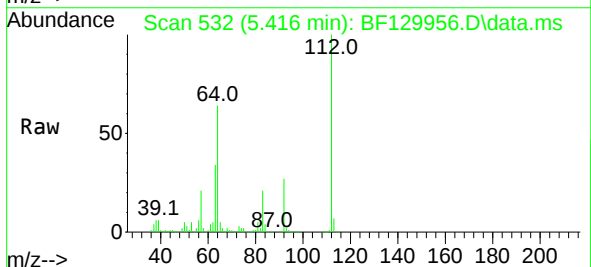
Instrument :
BNA_F
ClientSampleId :
UST-EAST

Tgt Ion:152 Resp: 140013
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 65.1 53.4 80.0



#5
2-Fluorophenol
Concen: 105.238 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion:112 Resp: 889936
Ion Ratio Lower Upper
112 100
64 63.6 47.6 71.4
63 33.7 24.6 37.0

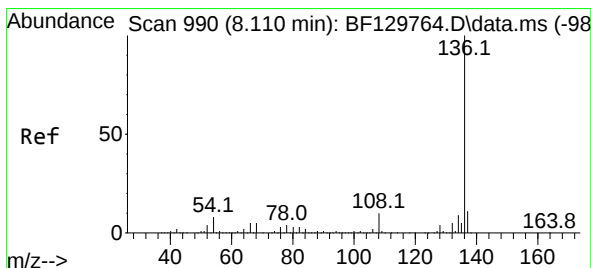
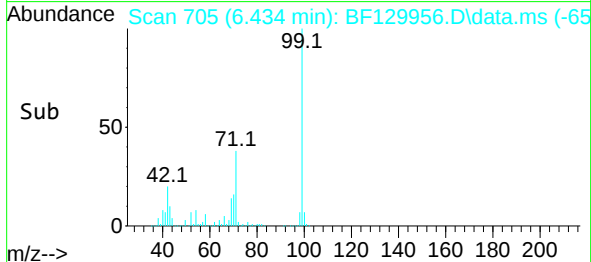
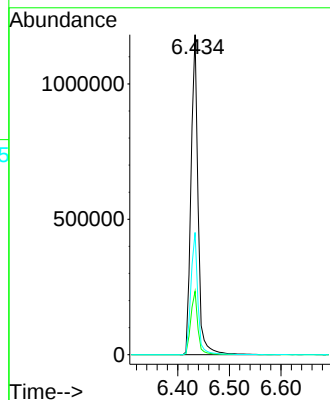
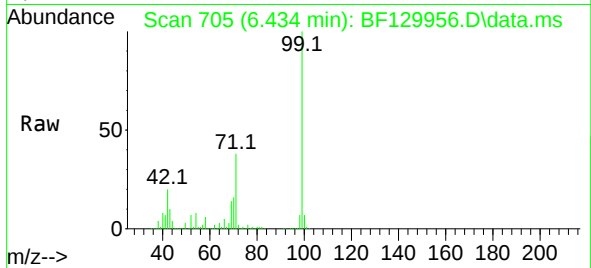




#7
Phenol-d6
Concen: 105.914 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

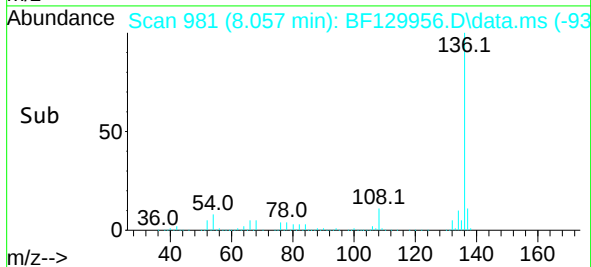
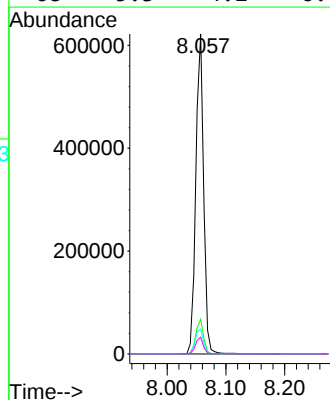
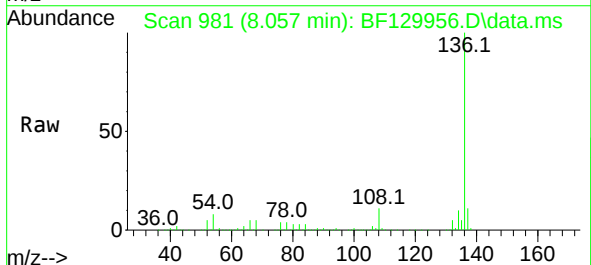
Instrument :
BNA_F
ClientSampleId :
UST-EAST

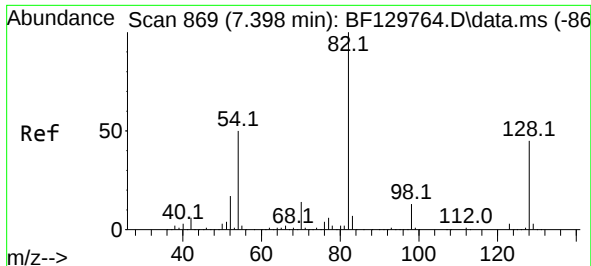
Tgt Ion: 99 Resp: 1121607
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.4
71 38.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion: 136 Resp: 571217
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 6.2 9.2
68 5.3 4.2 6.4

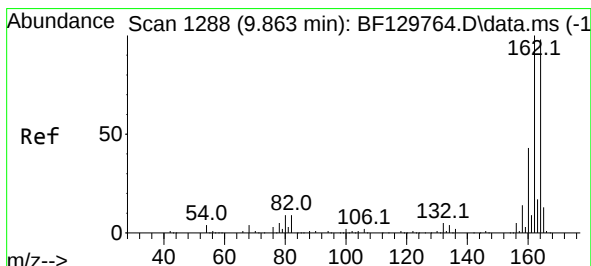
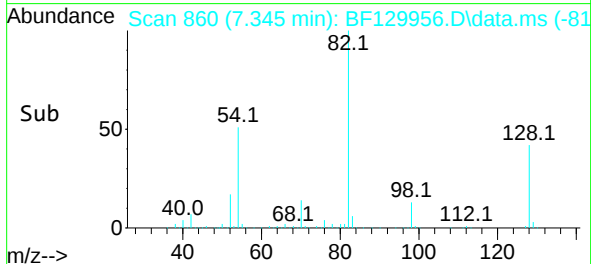
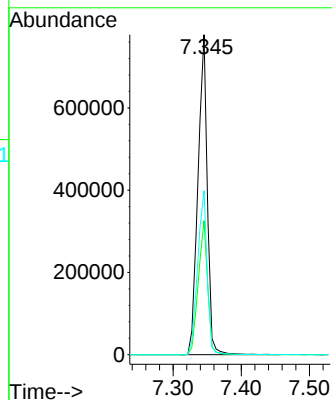
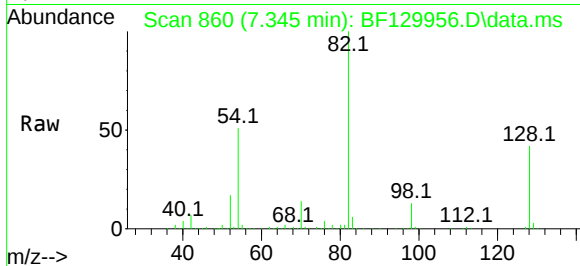




#23
Nitrobenzene-d5
Concen: 69.544 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

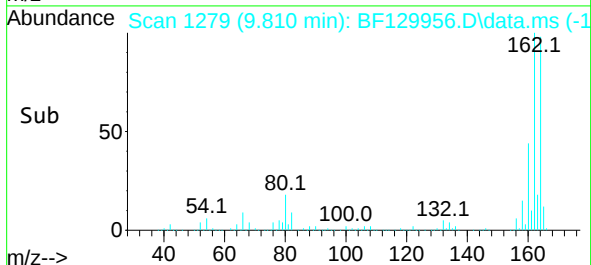
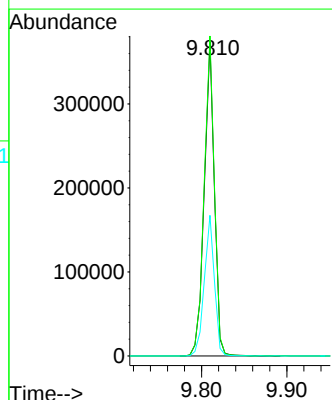
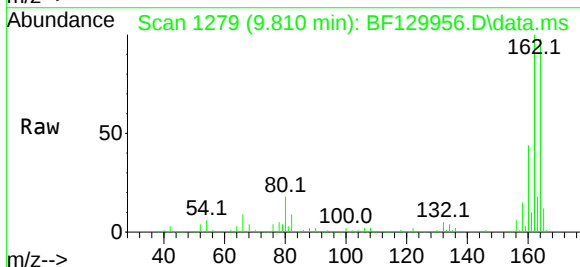
Instrument :
BNA_F
ClientSampleId :
UST-EAST

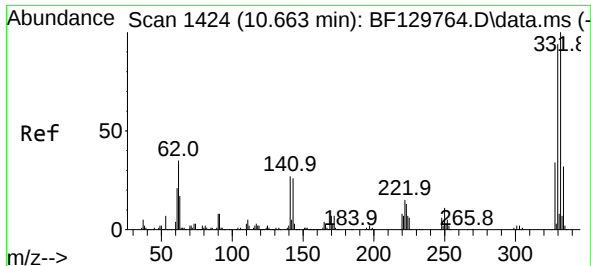
Tgt Ion: 82 Resp: 742076
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 51.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion: 164 Resp: 309785
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 44.8 35.4 53.0

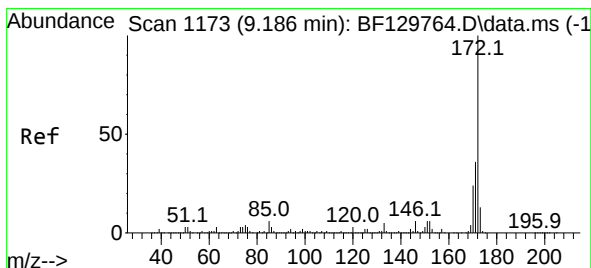
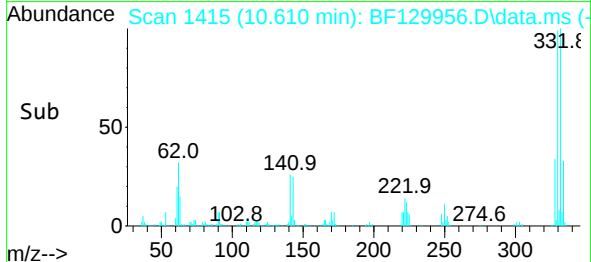
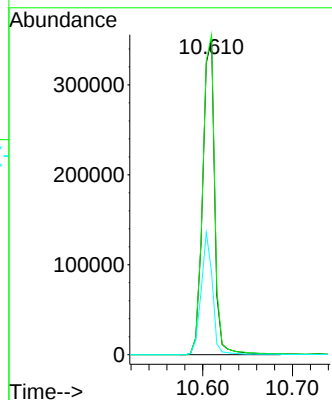
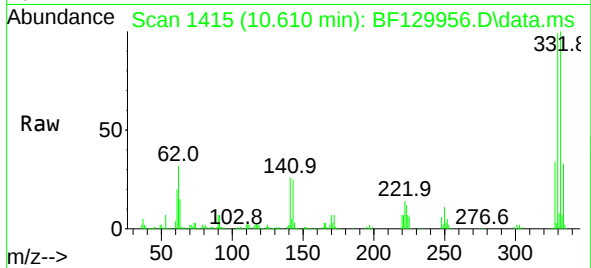




#42
2,4,6-Tribromophenol
Concen: 104.530 ng
RT: 10.610 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

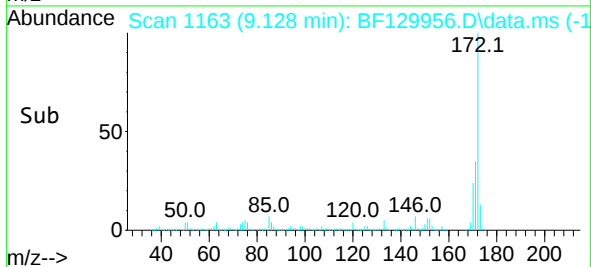
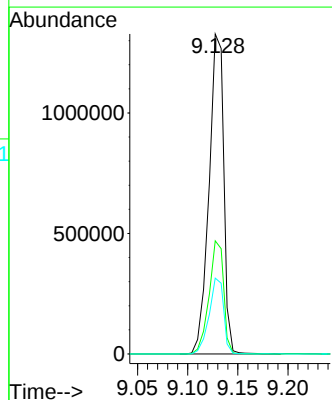
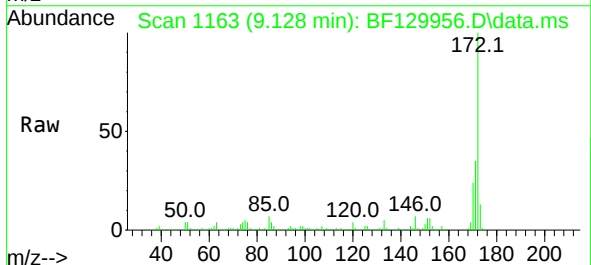
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BNA_F
ClientSampleId :
UST-EAST

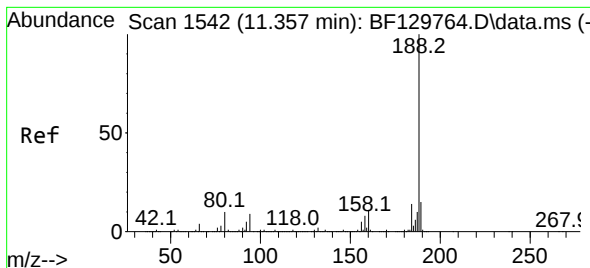
Tgt Ion:330 Resp: 325001
Ion Ratio Lower Upper
330 100
332 102.3 82.6 124.0
141 36.9 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 66.911 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion:172 Resp: 1364749
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129956.D

Acq: 23 Aug 2022 16:35

Instrument :

BNA_F

ClientSampleId :

UST-EAST

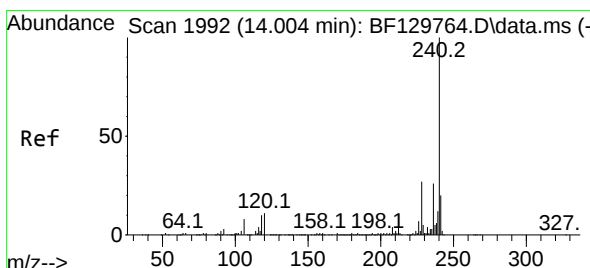
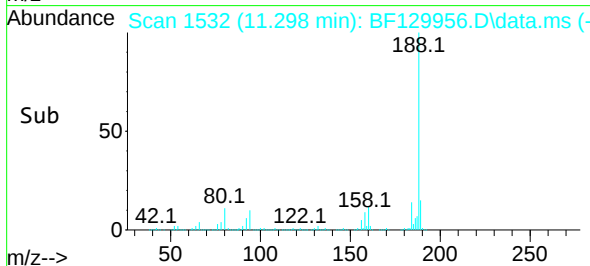
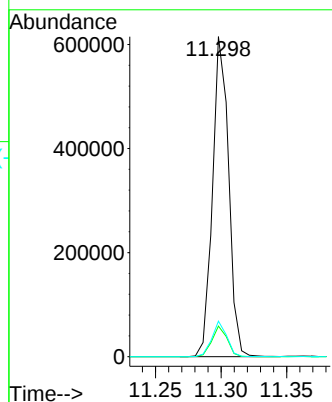
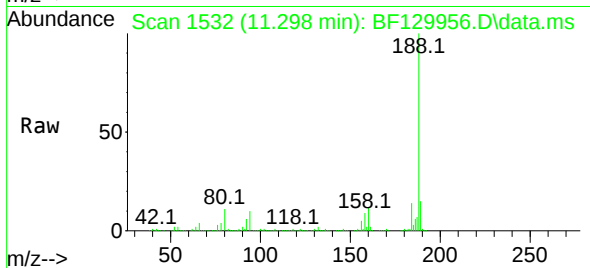
Tgt Ion:188 Resp: 525428

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 11.1 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: BF129956.D

Acq: 23 Aug 2022 16:35

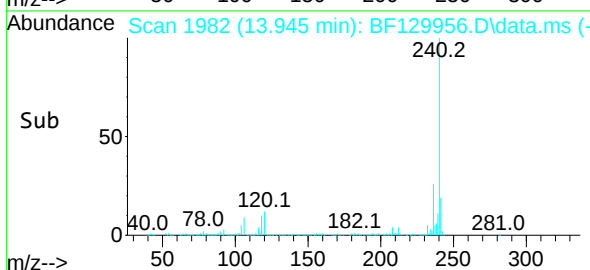
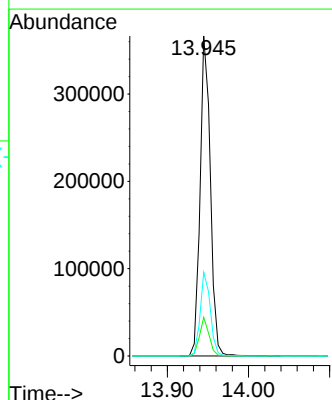
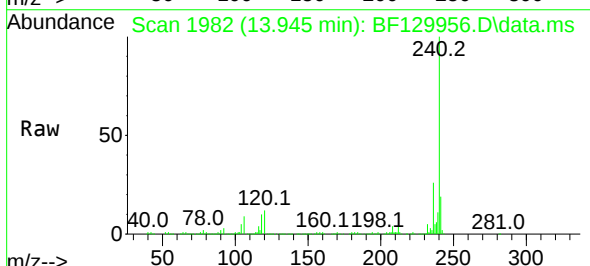
Tgt Ion:240 Resp: 321747

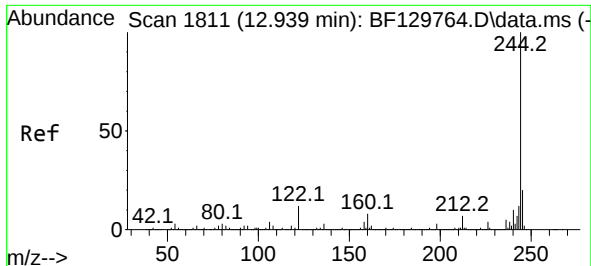
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 26.2 20.7 31.1

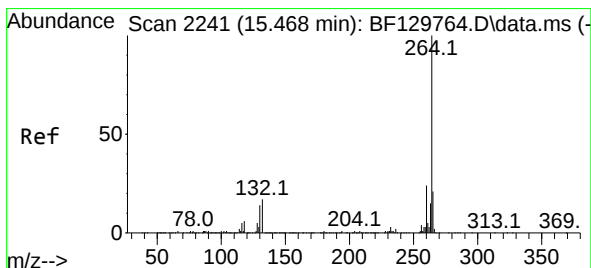
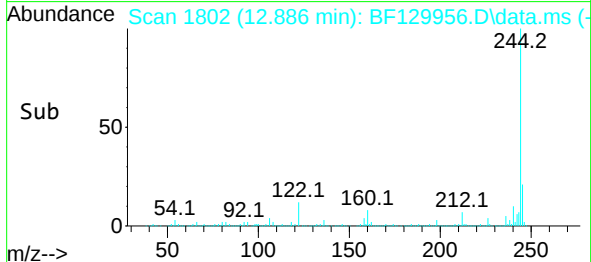
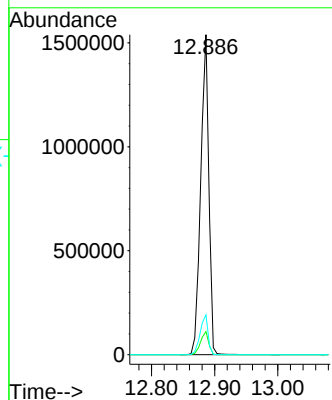
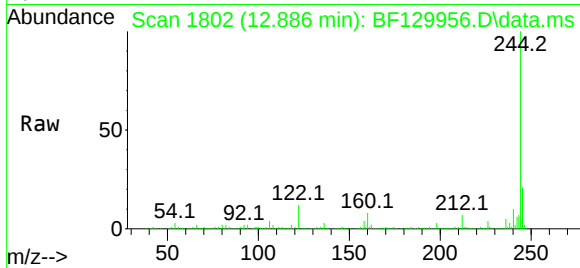




#79
 Terphenyl-d14
 Concen: 70.977 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129956.D
 Acq: 23 Aug 2022 16:35

Instrument :
 BNA_F
 ClientSampleId :
 UST-EAST

Tgt Ion:244 Resp: 1372443
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.5 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: BF129956.D
 Acq: 23 Aug 2022 16:35

Tgt Ion:264 Resp: 227502
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.1 16.7 25.1

