

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128229.D
 Acq On : 12 May 2022 21:57
 Operator : CG\JU
 Sample : N2804-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEDUP

Quant Time: May 13 05:16:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	65403	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	232530	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	114111	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	186293	20.000	ng	0.00
76) Chrysene-d12	14.074	240	158846	20.000	ng	0.00
86) Perylene-d12	15.574	264	118650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	192368	46.888	ng	0.00
7) Phenol-d6	6.522	99	152153	28.039	ng	0.00
23) Nitrobenzene-d5	7.463	82	460408	89.093	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	111731	85.375	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	703625	96.481	ng	0.00
79) Terphenyl-d14	13.015	244	776540	91.731	ng	0.00

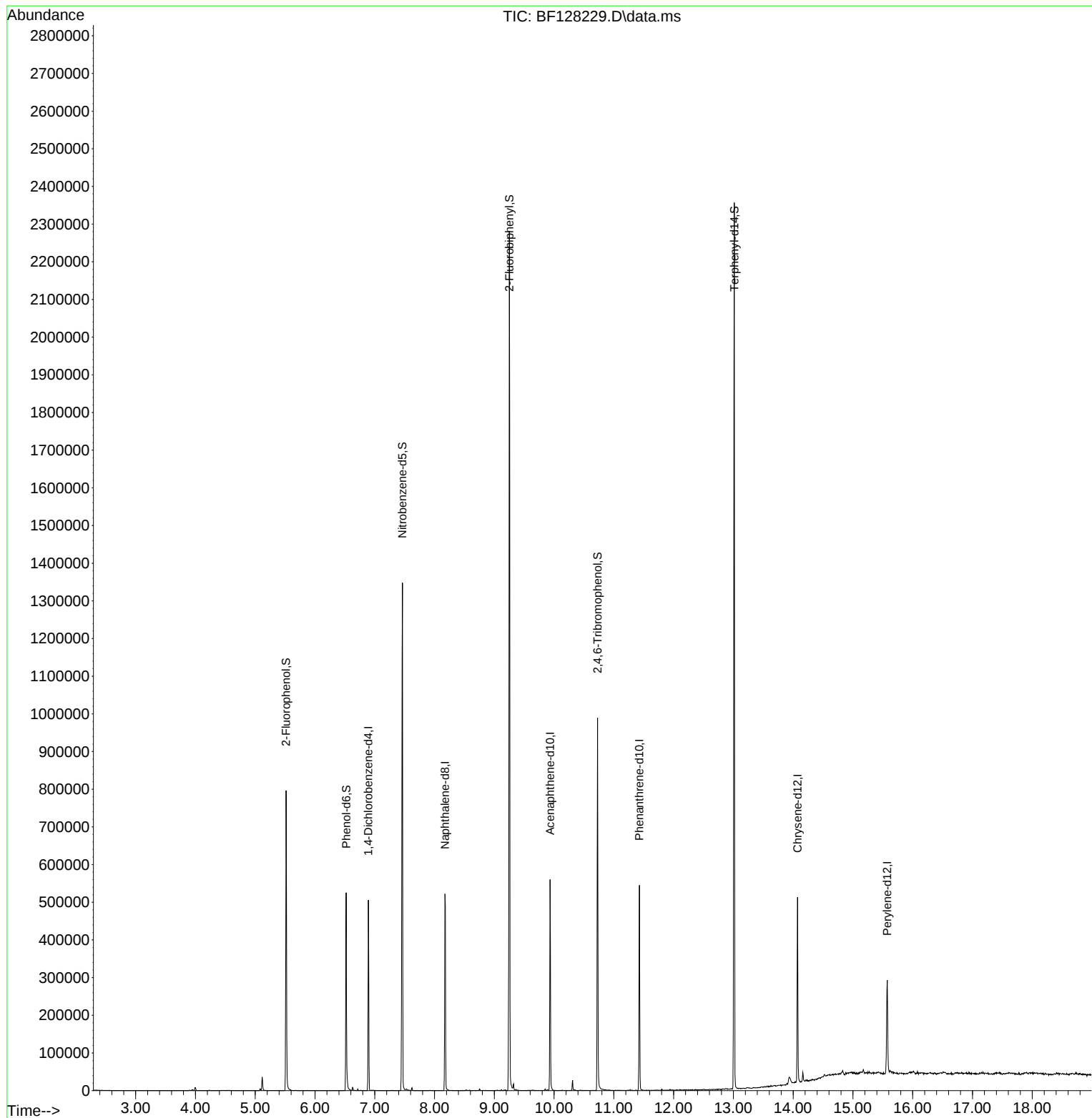
Target Compounds	Qvalue

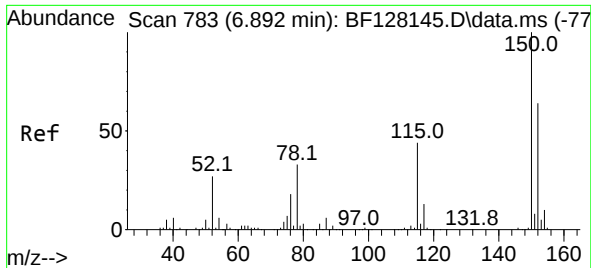
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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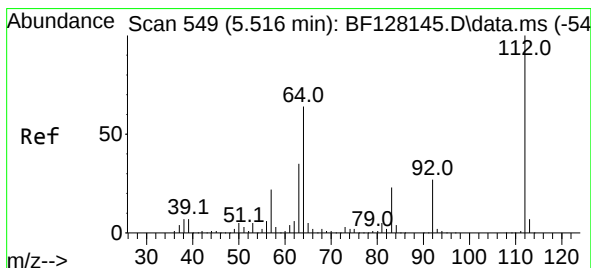
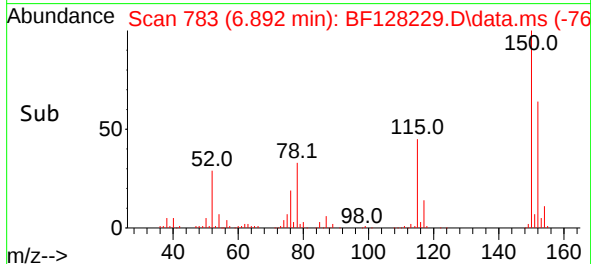
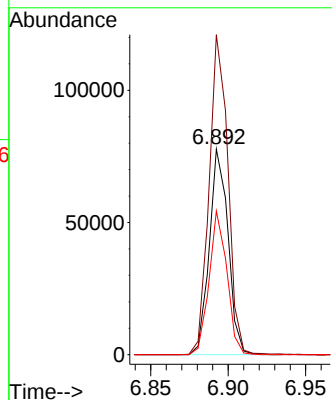
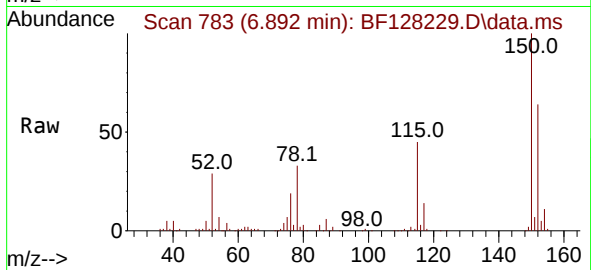




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

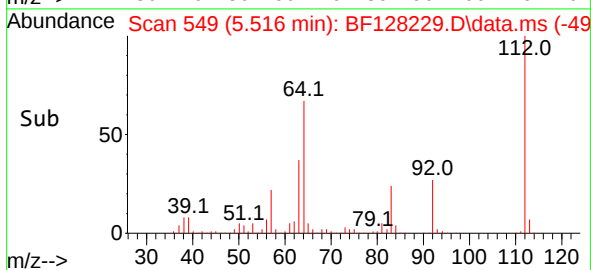
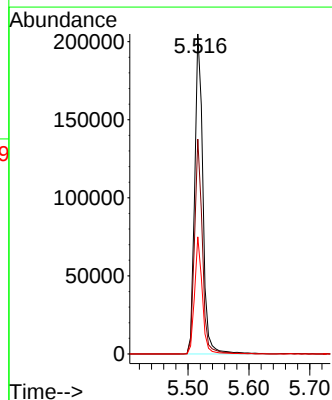
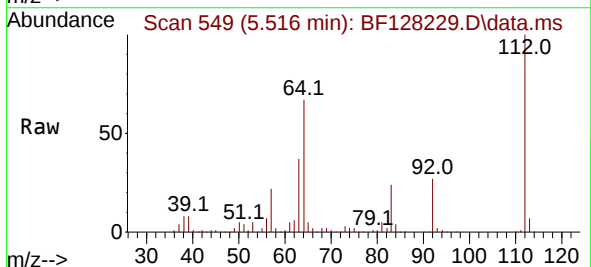
Instrument :
BNA_F
ClientSampleId :
FEDUP

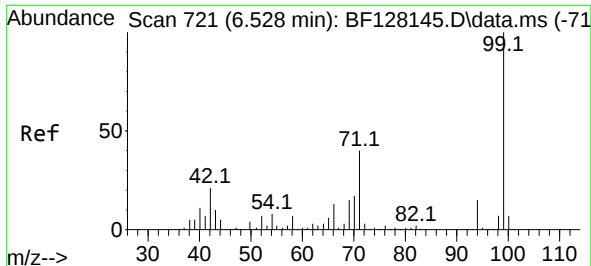
Tgt Ion:152 Resp: 65403
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 69.9 48.8 73.2



#5
2-Fluorophenol
Concen: 46.888 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

Tgt Ion:112 Resp: 192368
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 36.6 26.3 39.5

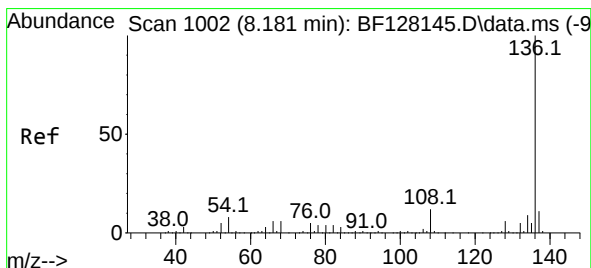
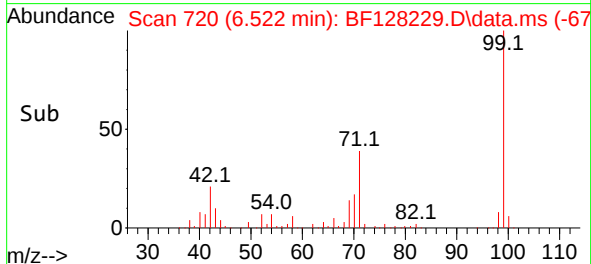
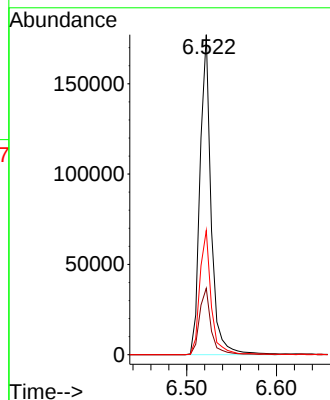
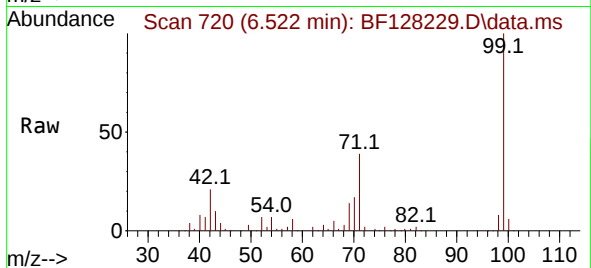




#7
Phenol-d6
Concen: 28.039 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

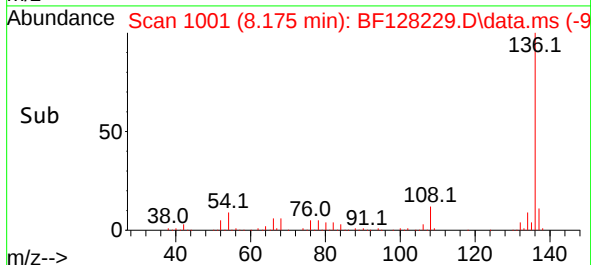
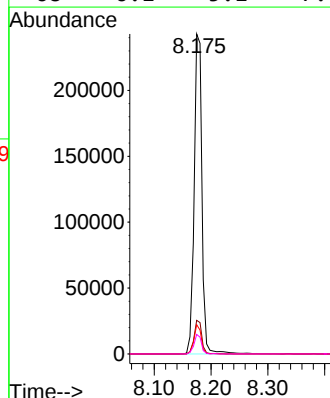
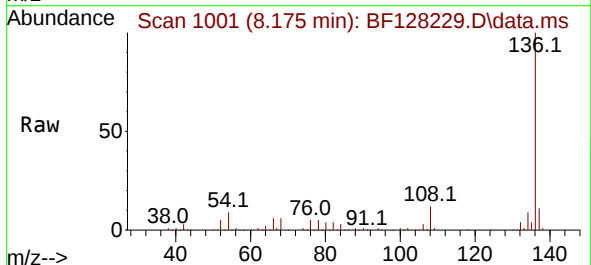
Instrument :
BNA_F
ClientSampleId :
FEDUP

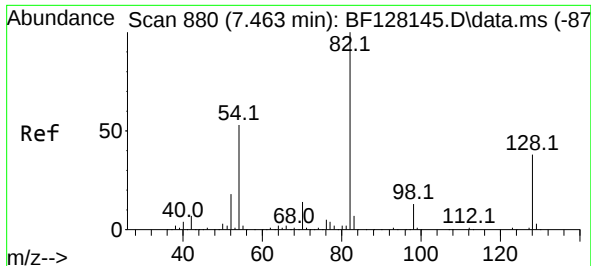
Tgt Ion: 99 Resp: 152153
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.8 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

Tgt Ion: 136 Resp: 232530
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.2 6.8 10.2
68 6.1 5.1 7.7





#23

Nitrobenzene-d5

Concen: 89.093 ng

RT: 7.463 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF128229.D

Acq: 12 May 2022 21:57

Instrument :

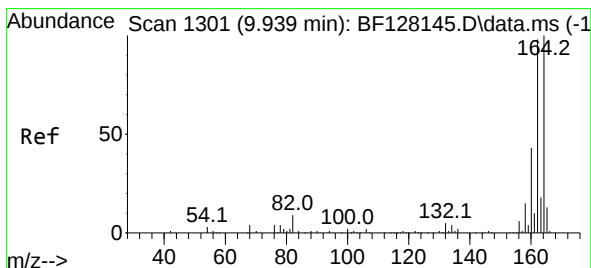
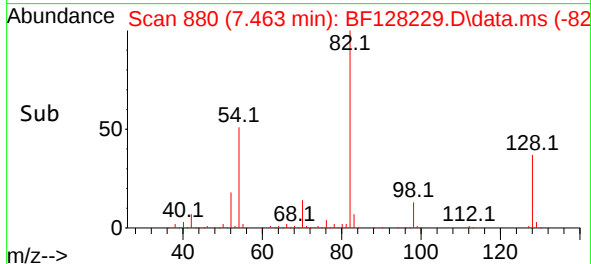
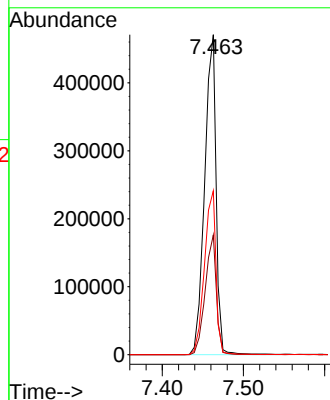
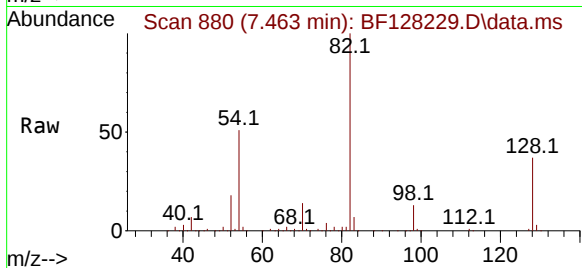
BNA_F

ClientSampleId :

FEDUP

Tgt Ion: 82 Resp: 460408

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	51.2	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1300

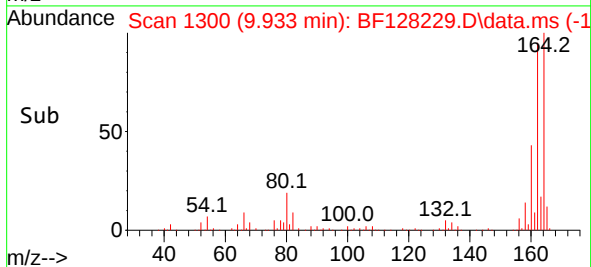
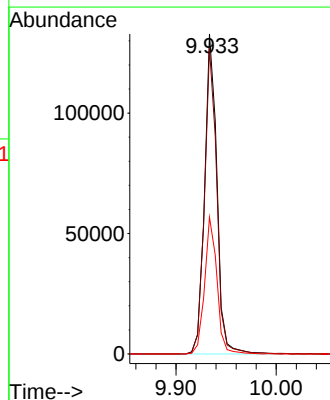
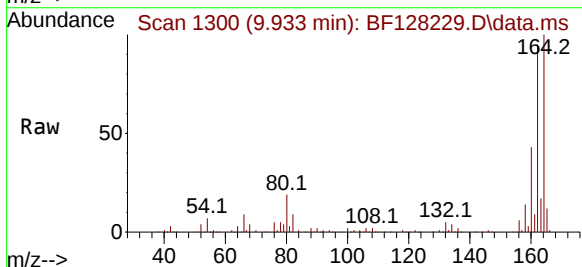
Delta R.T. -0.006 min

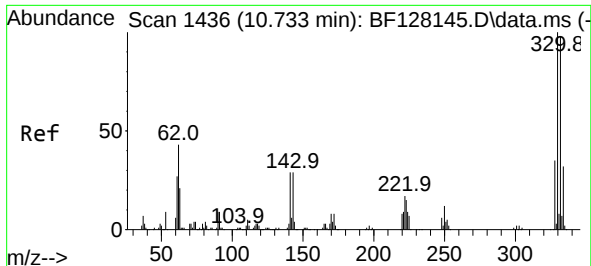
Lab File: BF128229.D

Acq: 12 May 2022 21:57

Tgt Ion:164 Resp: 114111

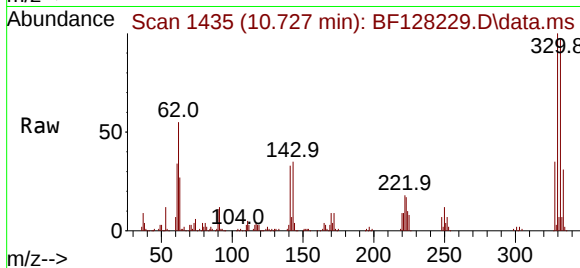
Ion	Ratio	Lower	Upper
164	100		
162	95.5	76.0	114.0
160	42.7	34.8	52.2



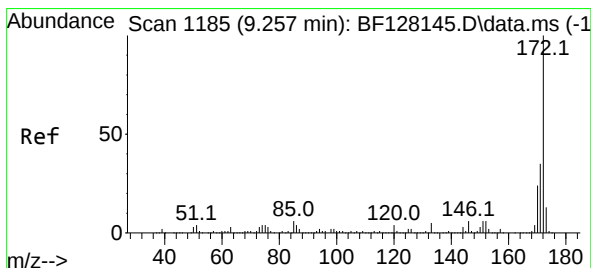
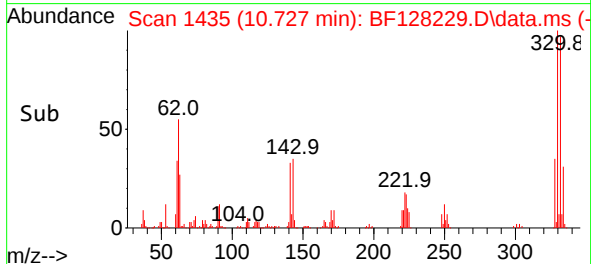
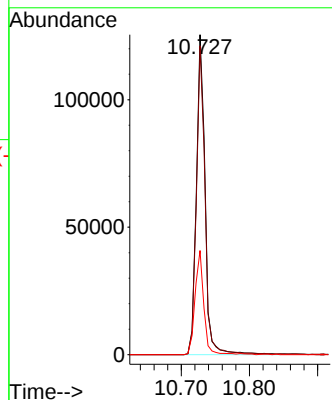


#42
2,4,6-Tribromophenol
Concen: 85.375 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

Instrument :
BNA_F
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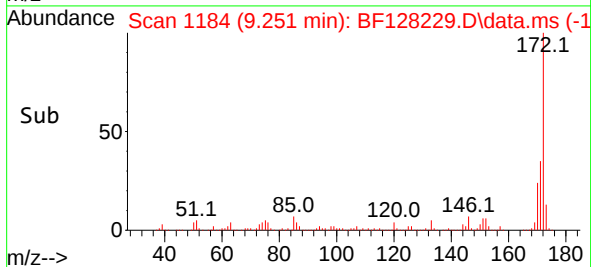
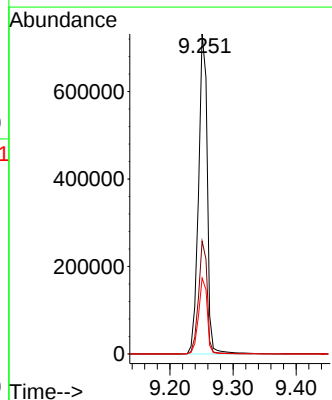
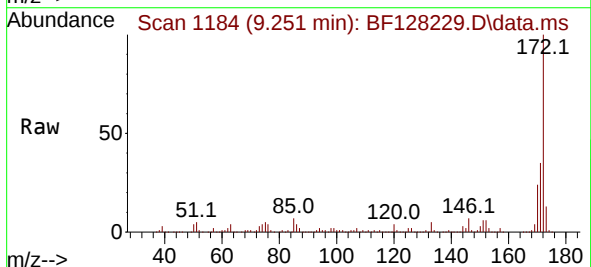


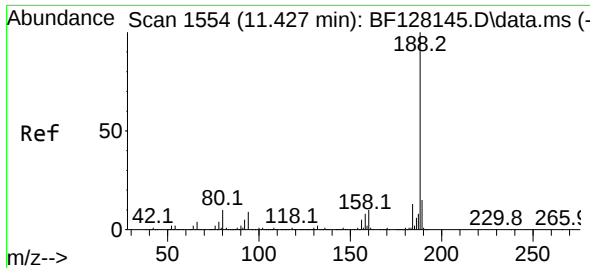
Tgt Ion:330 Resp: 111731
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 32.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 96.481 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

Tgt Ion:172 Resp: 703625
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.7 19.1 28.7

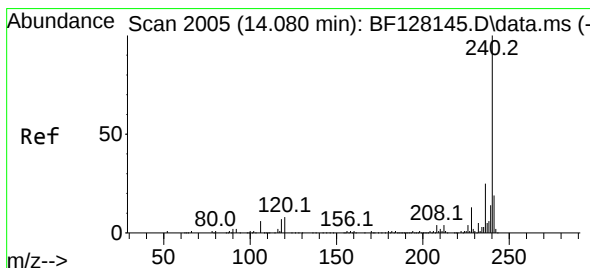
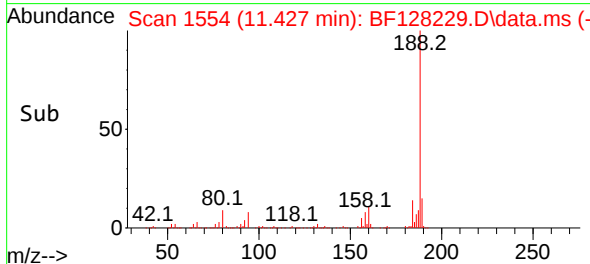
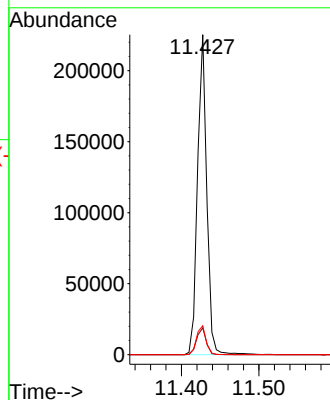
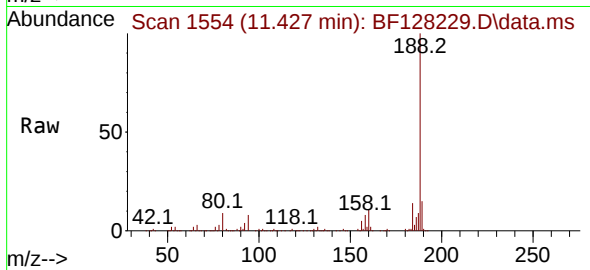




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

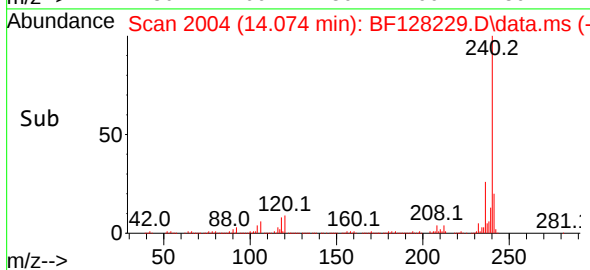
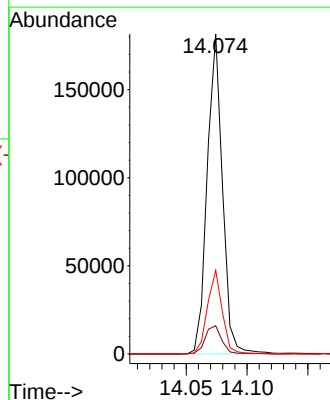
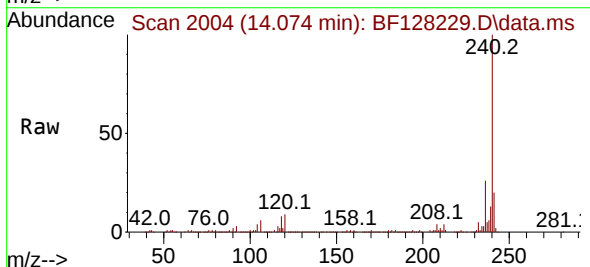
Instrument :
BNA_F
ClientSampleId :
FEDUP

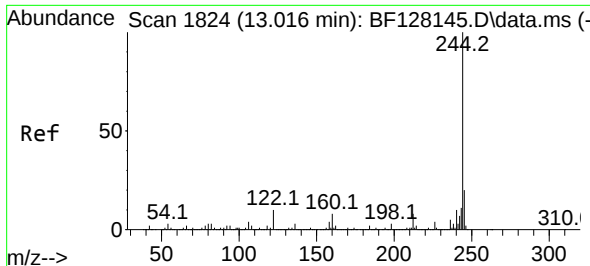
Tgt Ion:188 Resp: 186293
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128229.D
Acq: 12 May 2022 21:57

Tgt Ion:240 Resp: 158846
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 20.3 30.5

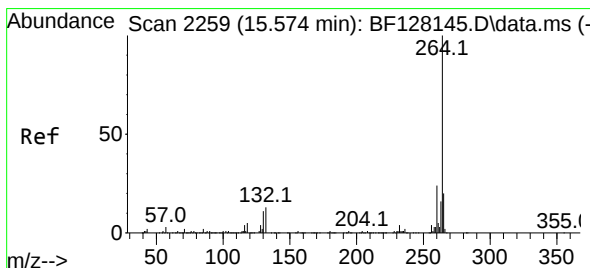
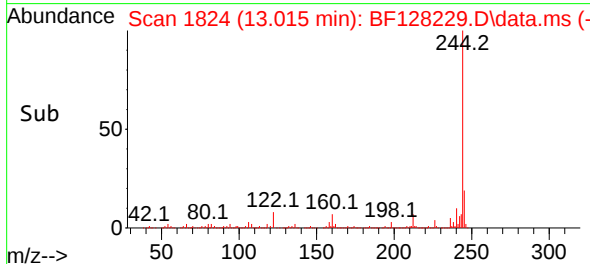
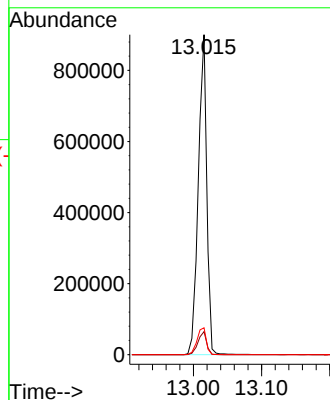
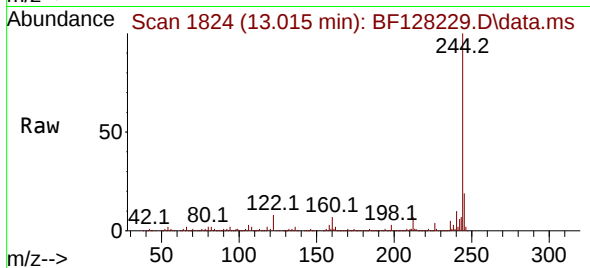




#79
 Terphenyl-d14
 Concen: 91.731 ng
 RT: 13.015 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128229.D
 Acq: 12 May 2022 21:57

Instrument :
 BNA_F
 ClientSampleId :
 FEDUP

Tgt Ion:244 Resp: 776540
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.4 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.000 min
 Lab File: BF128229.D
 Acq: 12 May 2022 21:57

Tgt Ion:264 Resp: 118650
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 20.7 17.5 26.3

