

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131844.D
 Acq On : 27 Dec 2022 19:00
 Operator : CG\JU
 Sample : N6200-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-502A-COMP-3

Quant Time: Dec 28 00:38:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	79624	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	291529	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	169184	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	312891	20.000	ng	#-0.01
76) Chrysene-d12	14.027	240	155158	20.000	ng	-0.01
86) Perylene-d12	15.515	264	164797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	479223	99.741	ng	0.00
7) Phenol-d6	6.463	99	620173	98.246	ng	0.00
23) Nitrobenzene-d5	7.398	82	446315	61.124	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	164599	89.544	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	760545	61.575	ng	0.00
79) Terphenyl-d14	12.968	244	733158	79.928	ng	-0.01

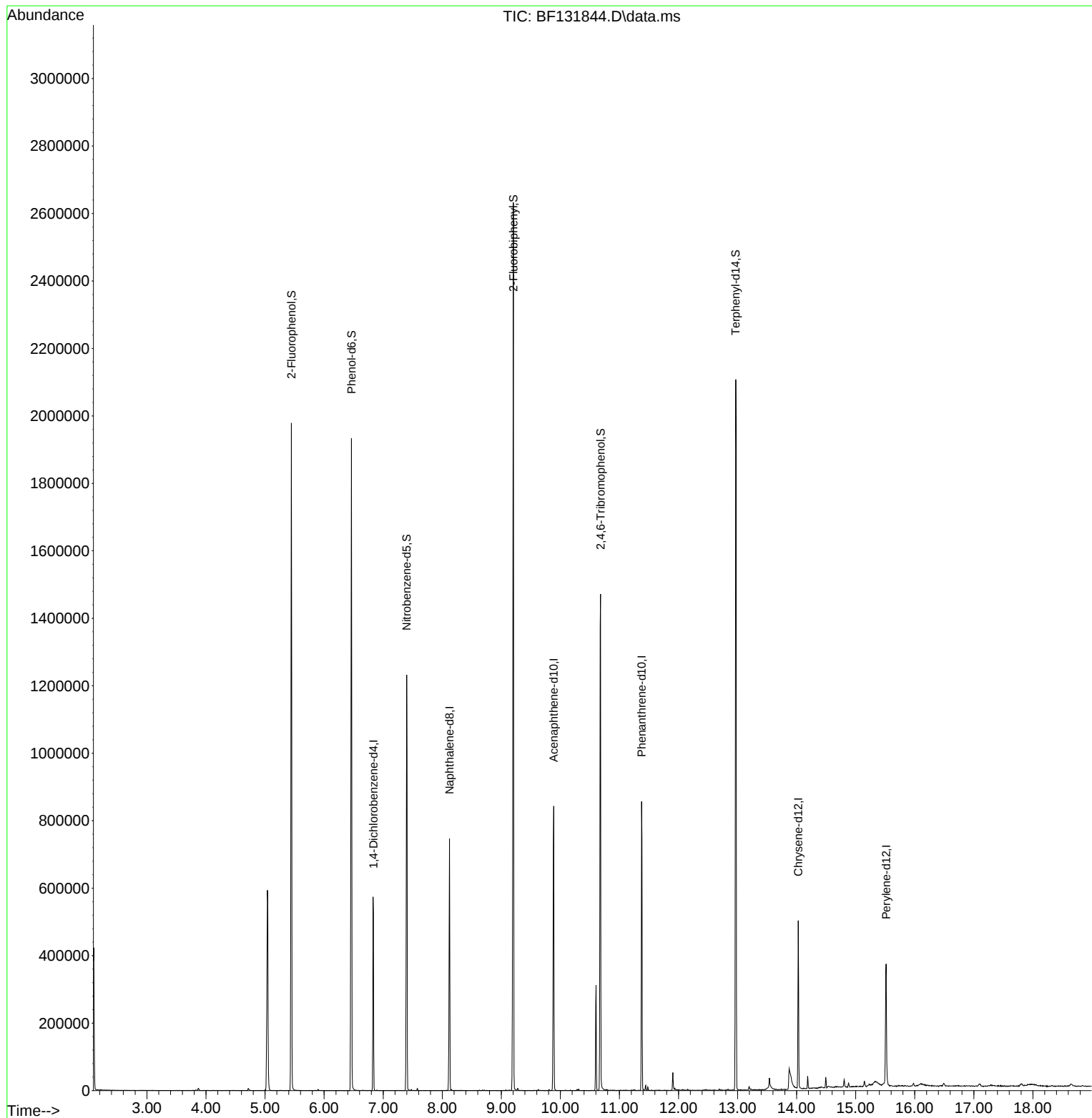
Target Compounds	Qvalue

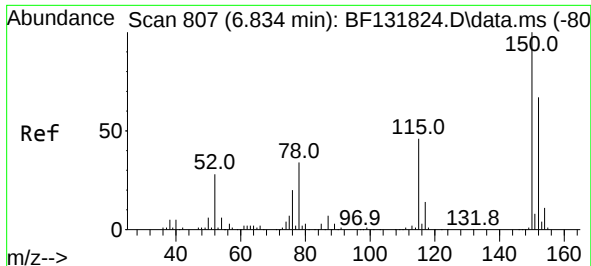
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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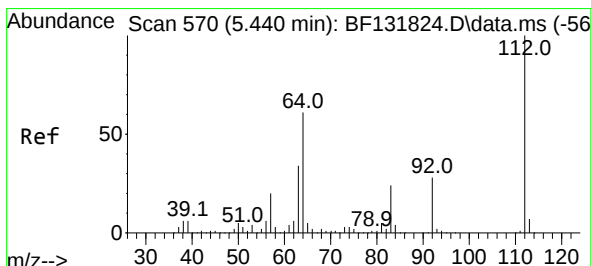
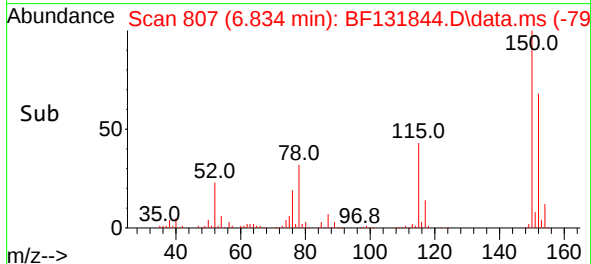
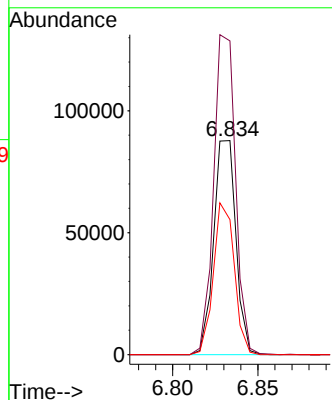
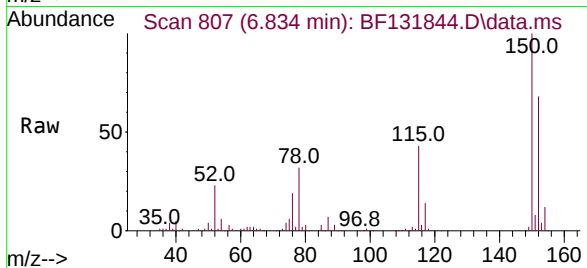




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: BF131844.D
 Acq: 27 Dec 2022 19:00

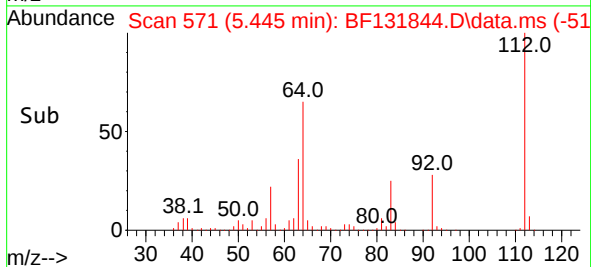
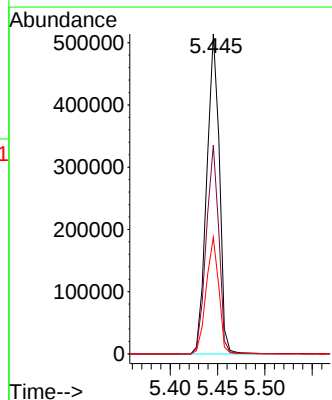
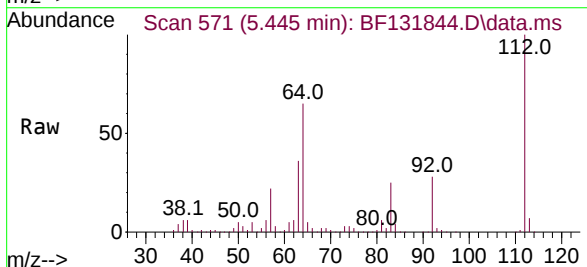
Instrument :
 BNA_F
 ClientSampleId :
 PL-502A-COMP-3

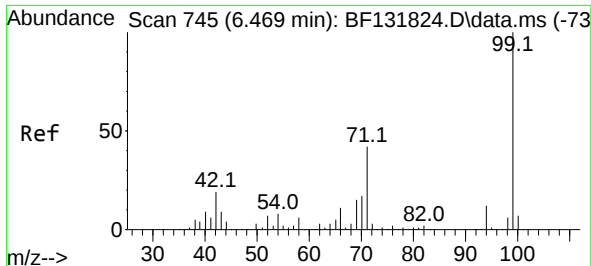
Tgt Ion:152 Resp: 79624
 Ion Ratio Lower Upper
 152 100
 150 146.6 120.0 180.0
 115 63.1 55.1 82.7



#5
 2-Fluorophenol
 Concen: 99.741 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: BF131844.D
 Acq: 27 Dec 2022 19:00

Tgt Ion:112 Resp: 479223
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.2 73.8
 63 36.4 27.5 41.3

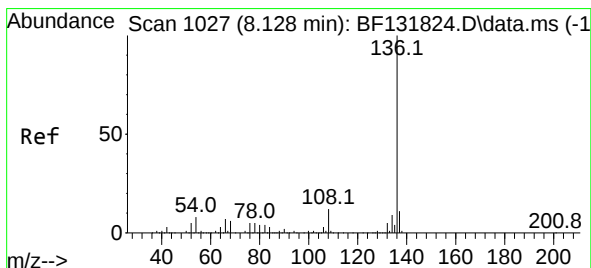
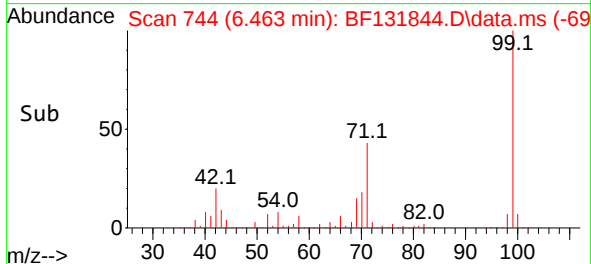
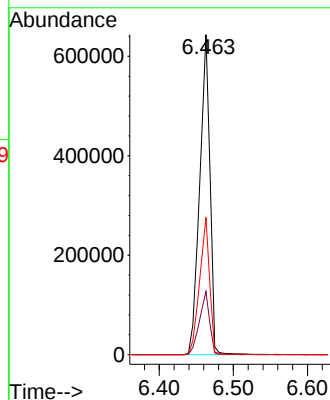
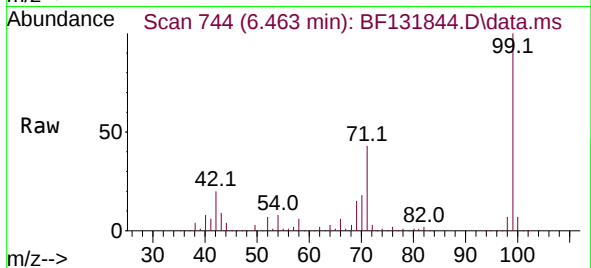




#7
Phenol-d6
Concen: 98.246 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

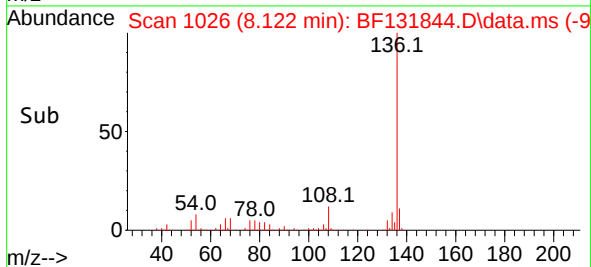
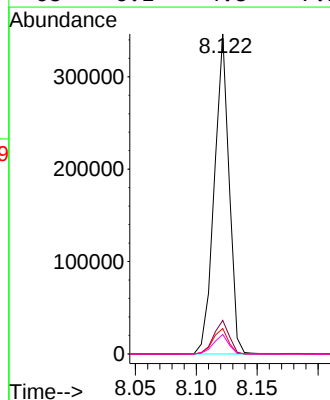
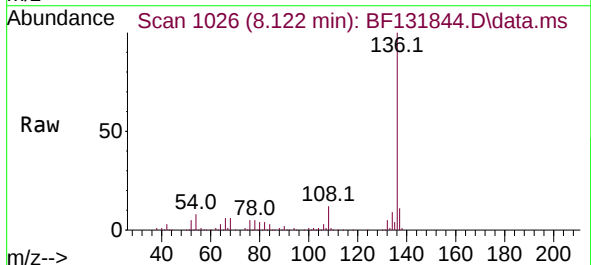
Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3

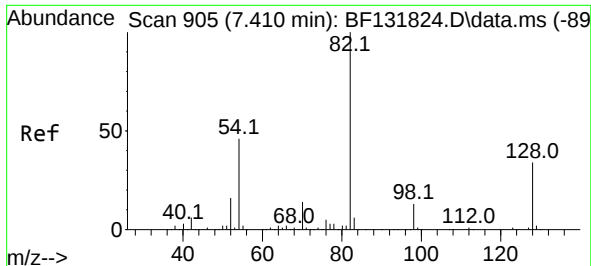
Tgt Ion: 99 Resp: 620173
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 42.9 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion: 136 Resp: 291529
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.9 6.7 10.1
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 61.124 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

Instrument :

BNA_F

ClientSampleId :

PL-502A-COMP-3

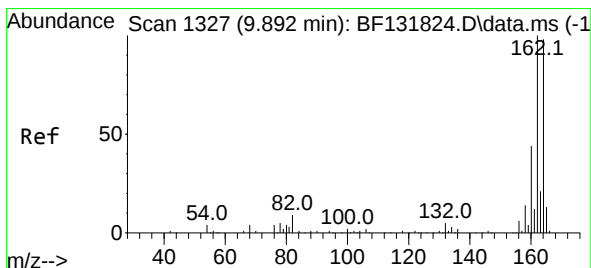
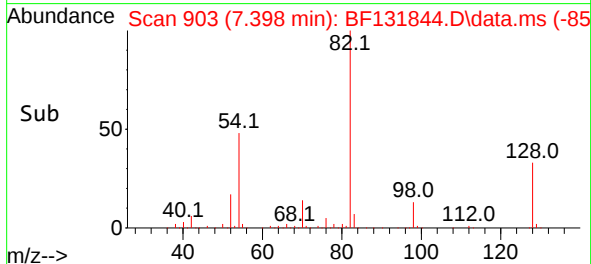
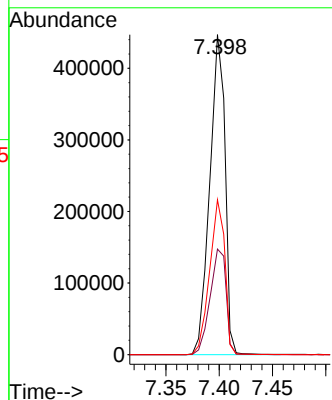
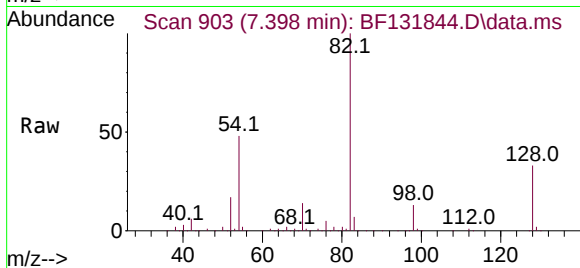
Tgt Ion: 82 Resp: 446315

Ion Ratio Lower Upper

82 100

128 33.0 27.1 40.7

54 48.4 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

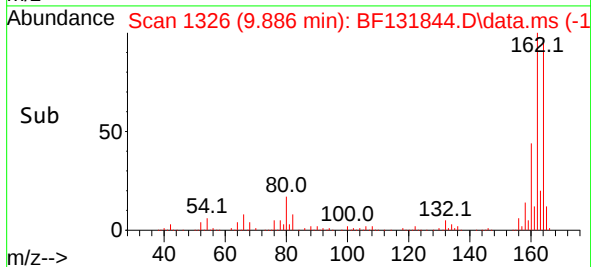
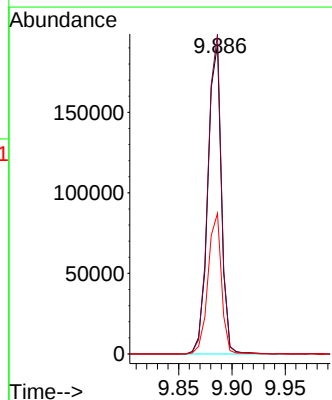
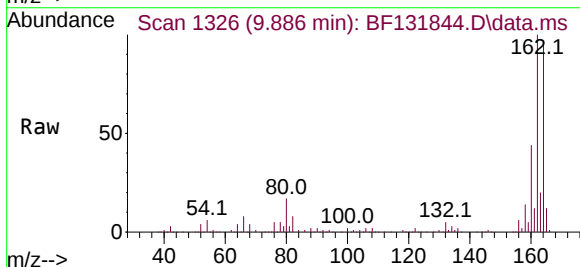
Tgt Ion:164 Resp: 169184

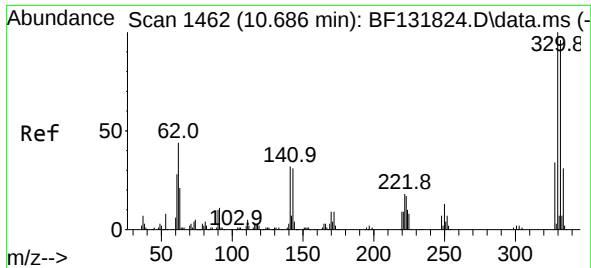
Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.6

160 45.4 35.7 53.5

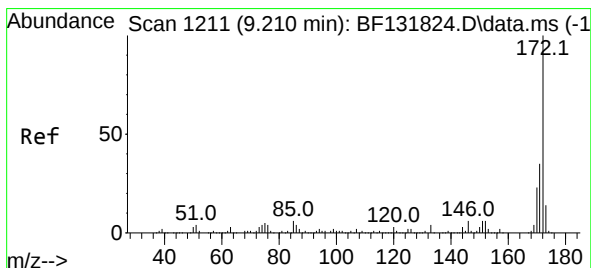
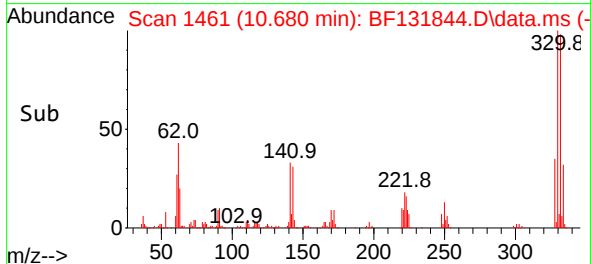
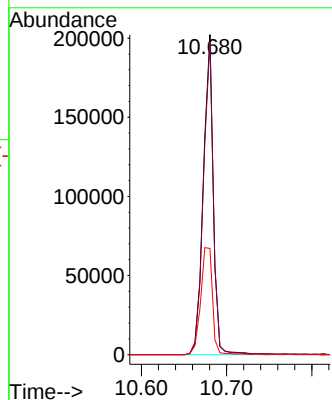
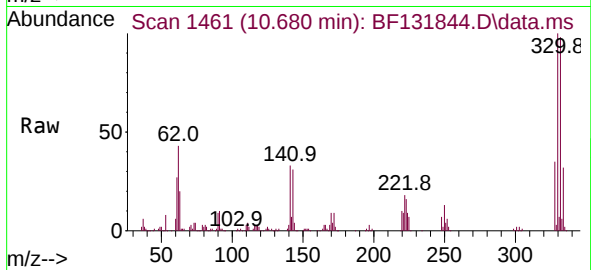




#42
2,4,6-Tribromophenol
Concen: 89.544 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

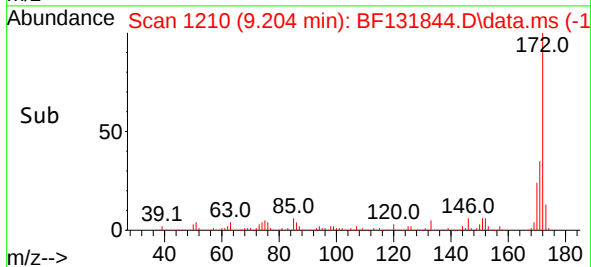
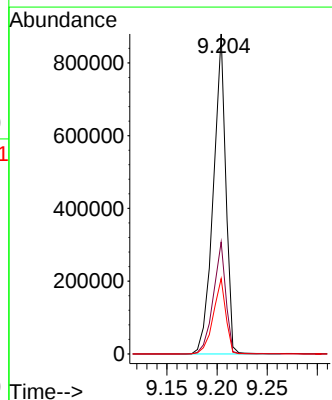
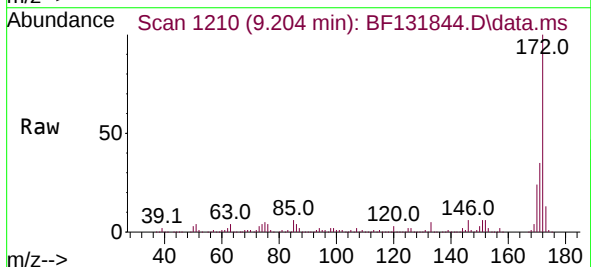
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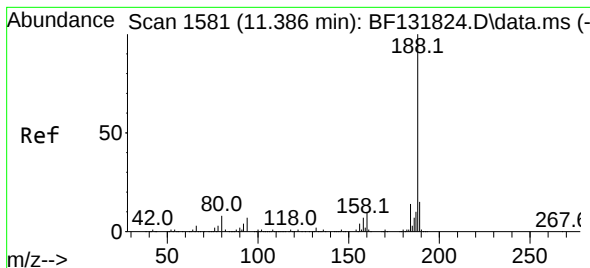
Tgt Ion:330 Resp: 164599
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 39.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 61.575 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion:172 Resp: 760545
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

Instrument :

BNA_F

ClientSampleId :

PL-502A-COMP-3

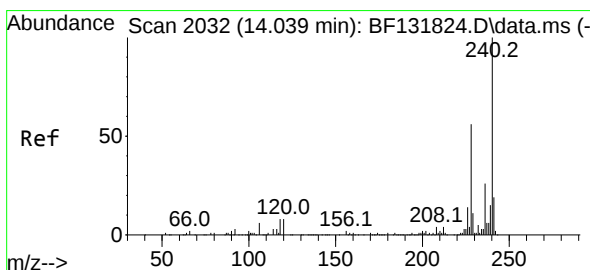
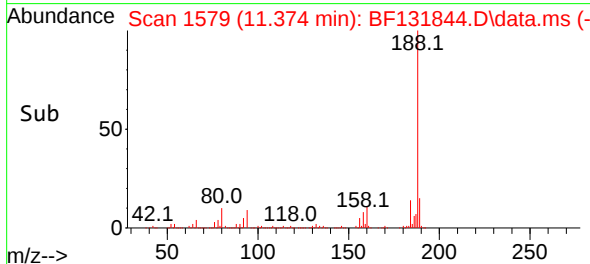
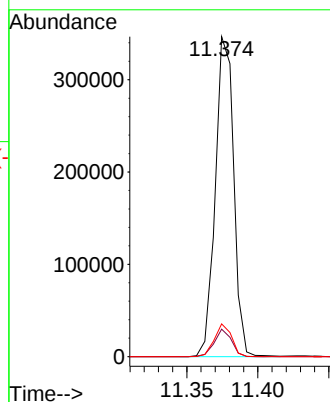
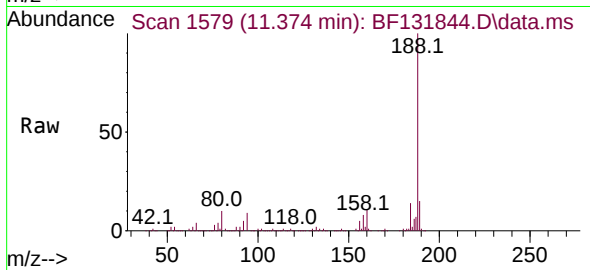
Tgt Ion:188 Resp: 312891

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

80 10.2 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

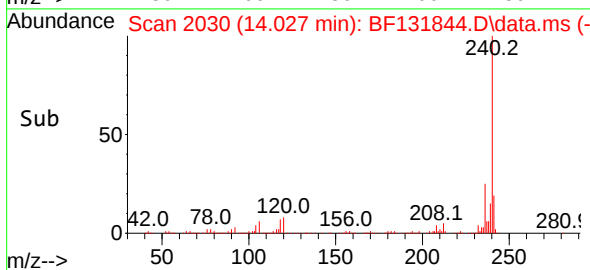
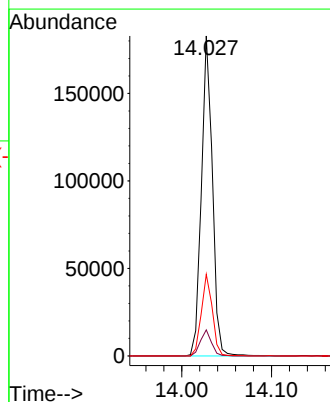
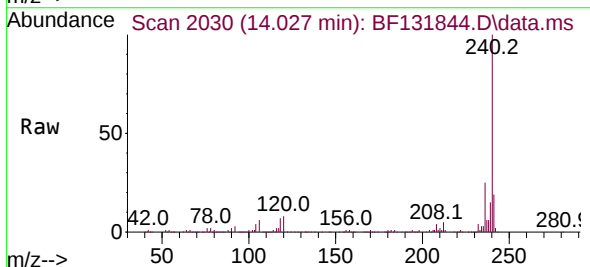
Tgt Ion:240 Resp: 155158

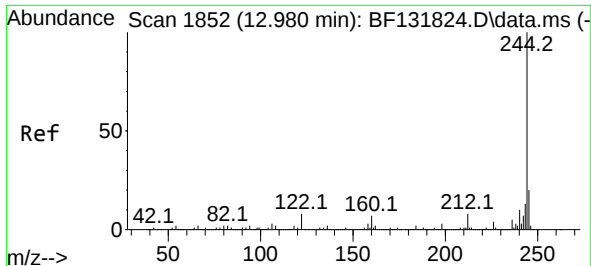
Ion Ratio Lower Upper

240 100

120 8.1 6.7 10.1

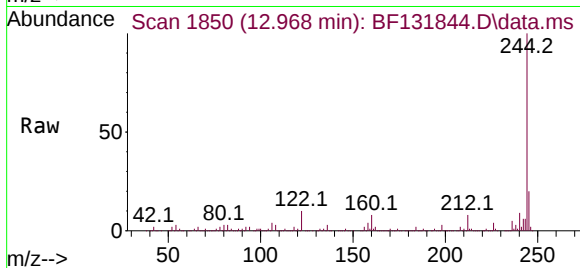
236 25.5 20.6 31.0



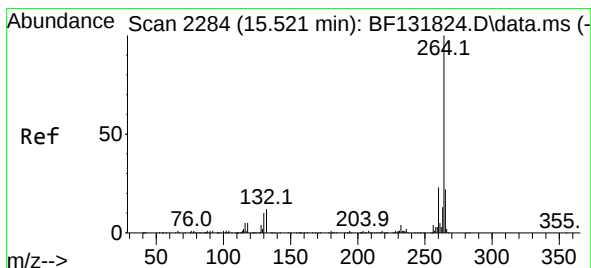
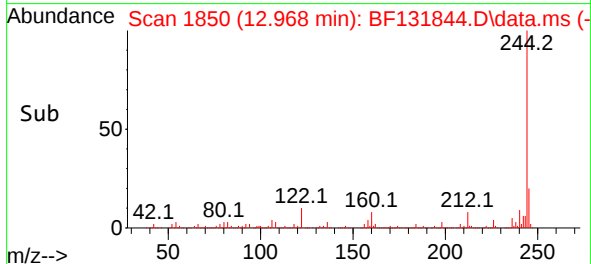
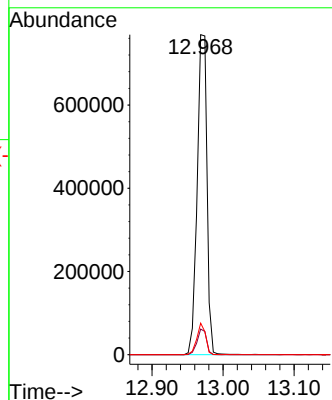


#79
 Terphenyl-d14
 Concen: 79.928 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF131844.D
 Acq: 27 Dec 2022 19:00

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Tgt Ion:244 Resp: 733158
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.8 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF131844.D
 Acq: 27 Dec 2022 19:00

Tgt Ion:264 Resp: 164797
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.2 17.4 26.0

