

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131678.D
 Acq On : 16 Dec 2022 21:28
 Operator : CG\JU
 Sample : N6037-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-26-(2-4)

Quant Time: Dec 17 03:59:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

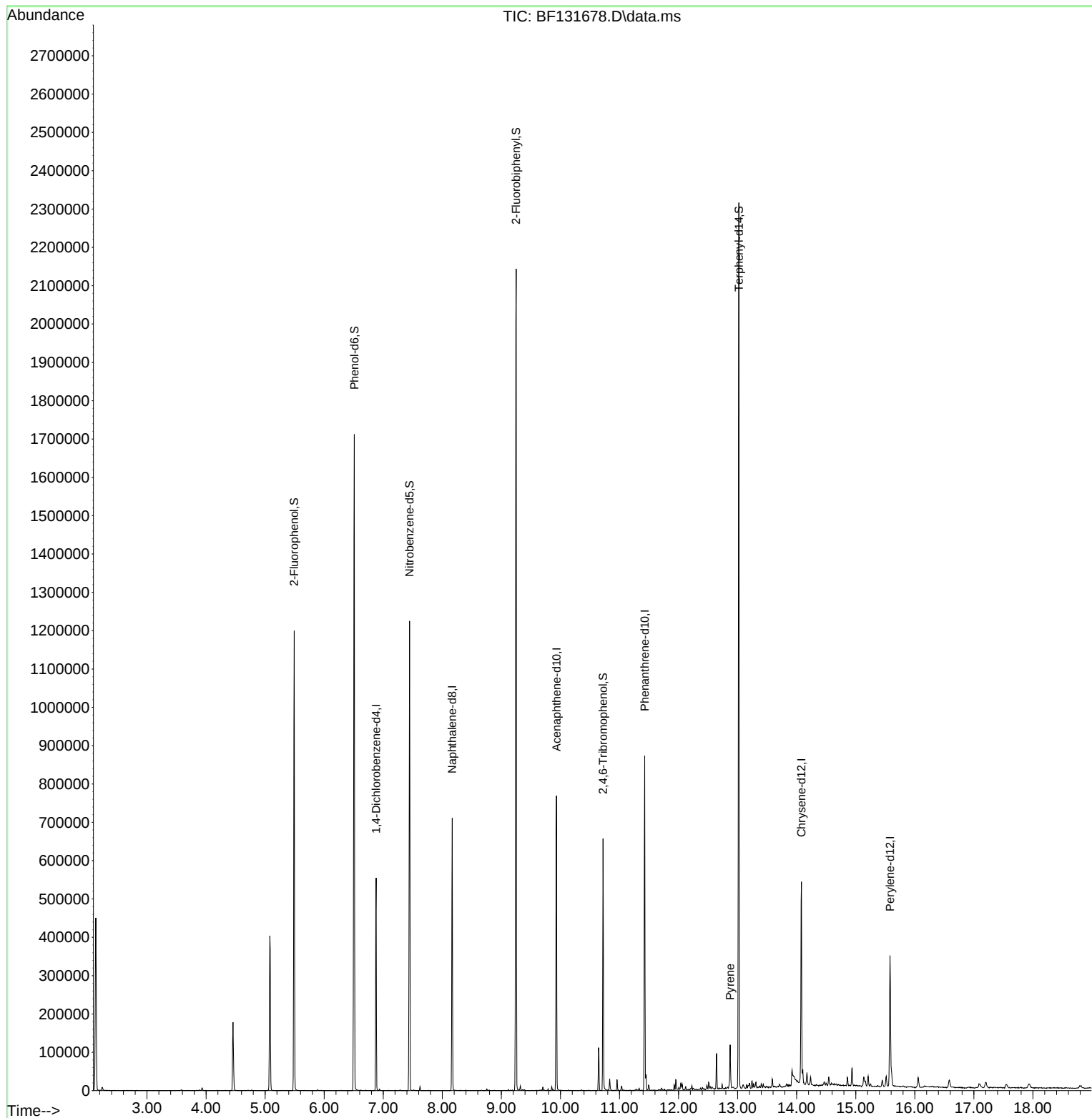
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72896	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	266978	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	149900	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	293577	20.000	ng	0.00
76) Chrysene-d12	14.080	240	168937	20.000	ng	0.00
86) Perylene-d12	15.580	264	157677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	275306	63.006	ng	0.00
7) Phenol-d6	6.510	99	543956	94.999	ng	0.00
23) Nitrobenzene-d5	7.445	82	389976	55.225	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	62202	37.349	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	659108	55.440	ng	0.00
79) Terphenyl-d14	13.021	244	745781	60.541	ng	0.00
Target Compounds						
78) Pyrene	12.874	202	43252	2.596	ng	Qvalue 99

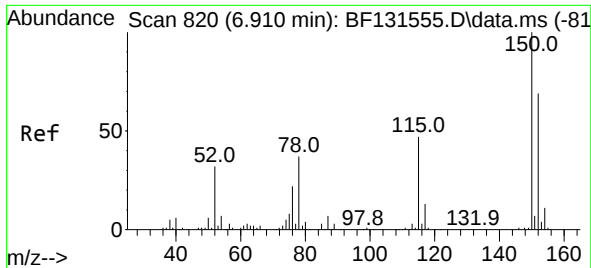
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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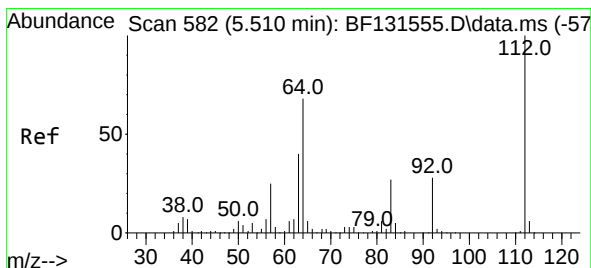
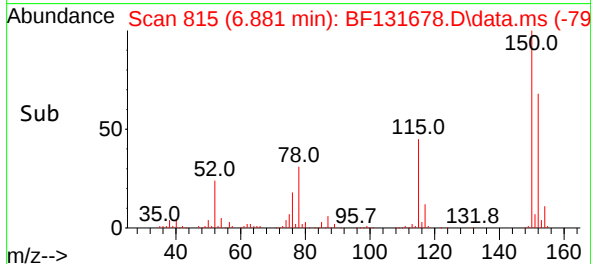
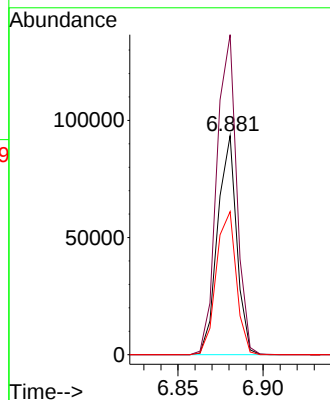
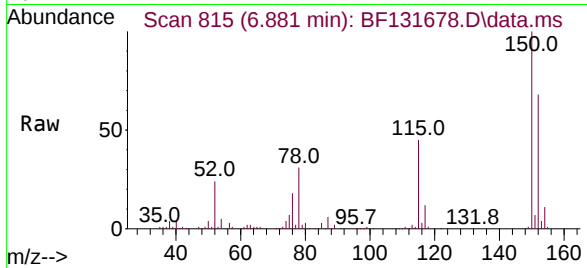




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

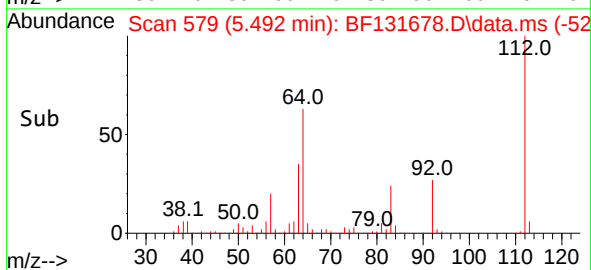
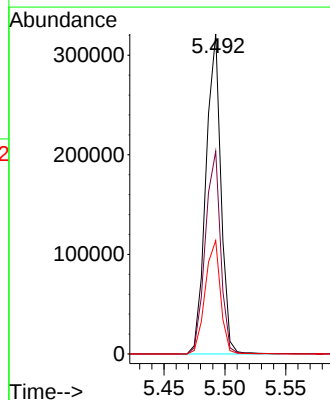
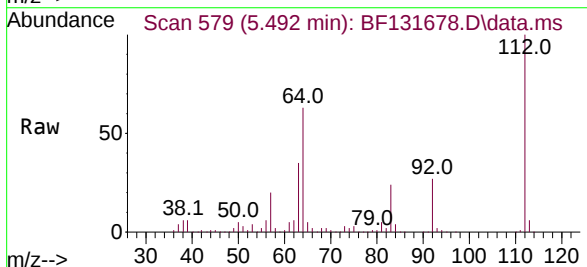
Instrument :
BNA_F
ClientSampleId :
RB-26-(2-4)

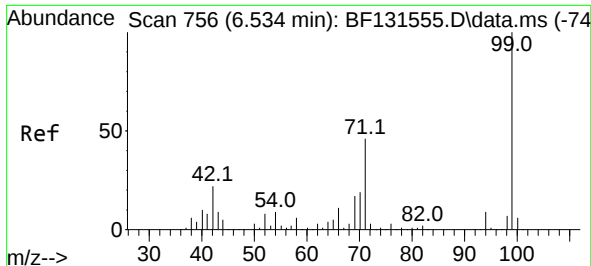
Tgt Ion:152 Resp: 72896
Ion Ratio Lower Upper
152 100
150 146.1 116.7 175.1
115 65.3 54.6 82.0



#5
2-Fluorophenol
Concen: 63.006 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

Tgt Ion:112 Resp: 275306
Ion Ratio Lower Upper
112 100
64 63.4 54.5 81.7
63 35.4 31.9 47.9

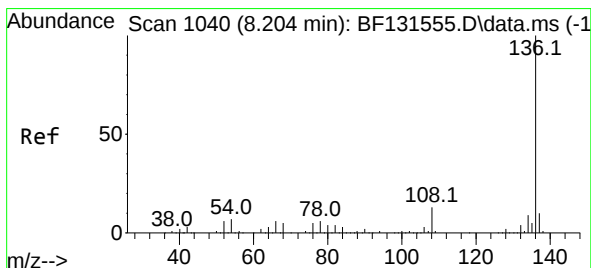
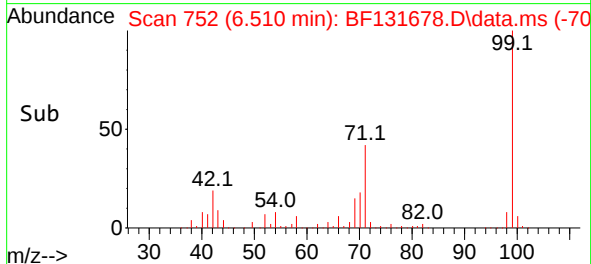
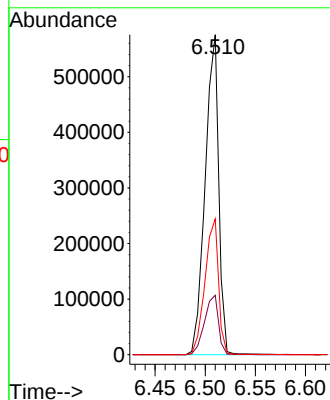
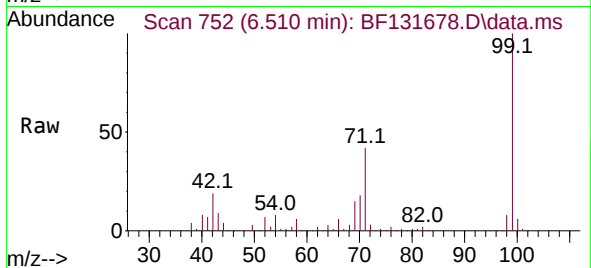




#7
Phenol-d6
Concen: 94.999 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

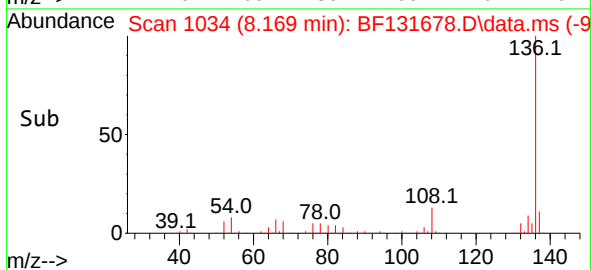
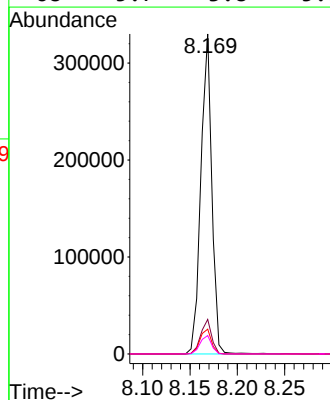
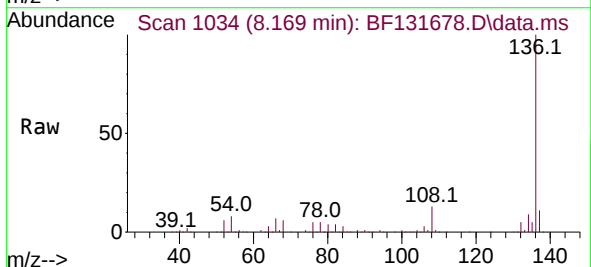
Instrument :
BNA_F
ClientSampleId :
RB-26-(2-4)

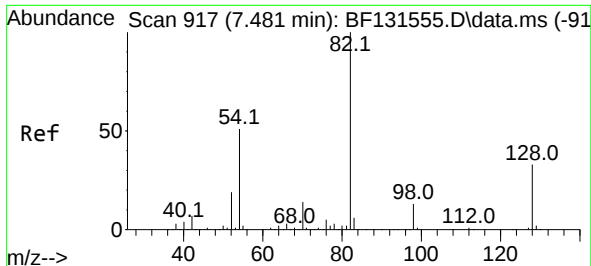
Tgt Ion: 99 Resp: 543956
Ion Ratio Lower Upper
99 100
42 18.5 17.9 26.9
71 42.4 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

Tgt Ion: 136 Resp: 266978
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.7 6.0 9.0
68 5.7 3.8 5.8





#23

Nitrobenzene-d5

Concen: 55.225 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF131678.D

Acq: 16 Dec 2022 21:28

Instrument :

BNA_F

ClientSampleId :

RB-26-(2-4)

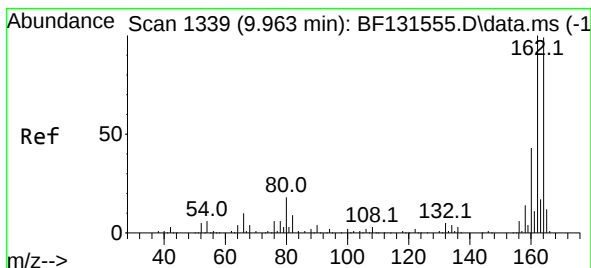
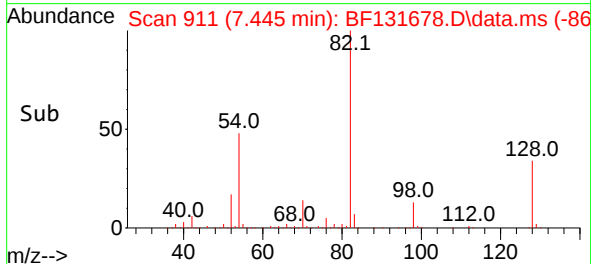
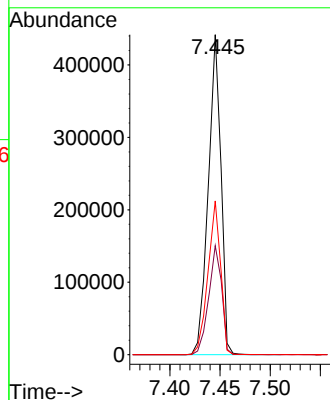
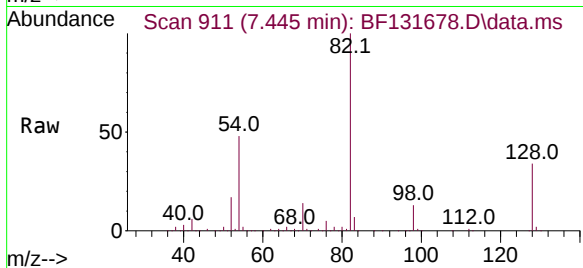
Tgt Ion: 82 Resp: 389976

Ion Ratio Lower Upper

82 100

128 34.0 26.1 39.1

54 48.1 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131678.D

Acq: 16 Dec 2022 21:28

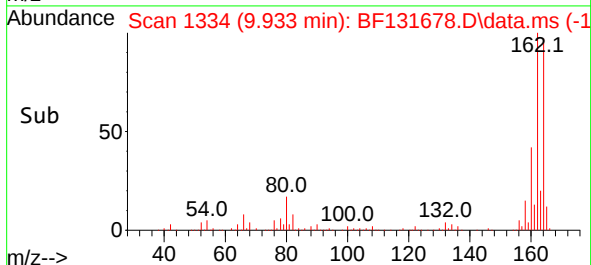
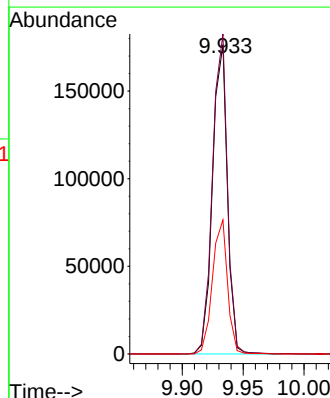
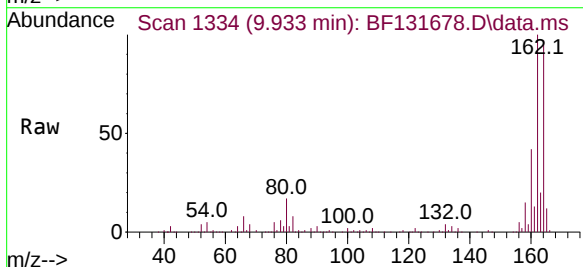
Tgt Ion:164 Resp: 149900

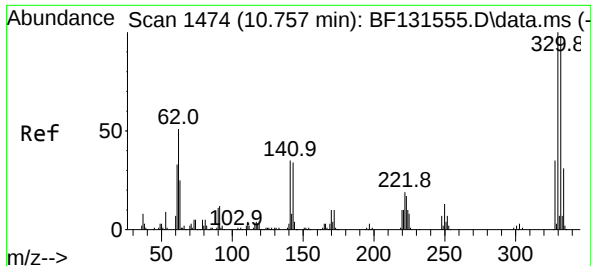
Ion Ratio Lower Upper

164 100

162 103.4 81.0 121.6

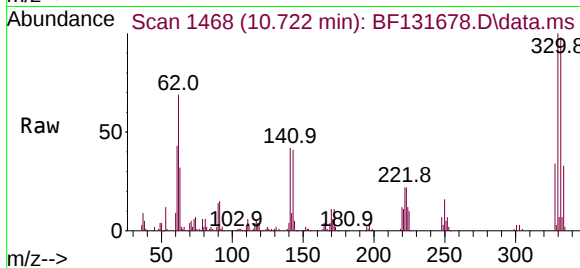
160 43.4 35.0 52.6



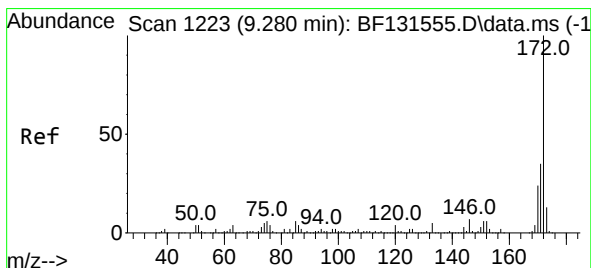
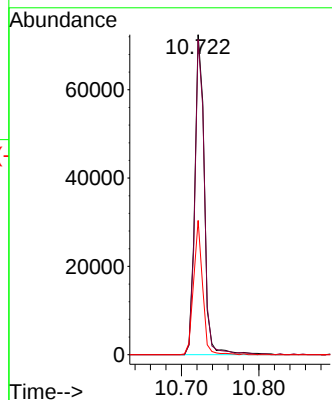
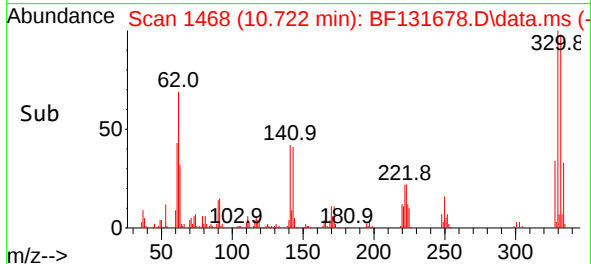


#42
 2,4,6-Tribromophenol
 Concen: 37.349 ng
 RT: 10.722 min Scan# 1468
 Delta R.T. -0.012 min
 Lab File: BF131678.D
 Acq: 16 Dec 2022 21:28

Instrument :
 BNA_F
 ClientSampleId :
 RB-26-(2-4)

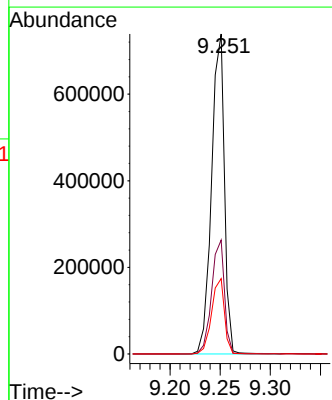
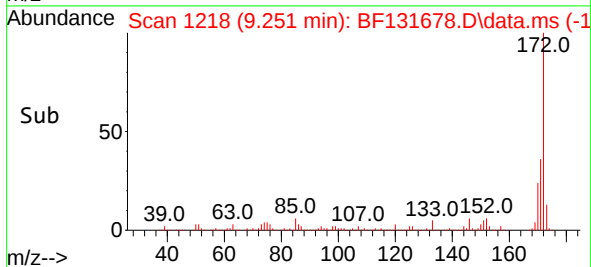
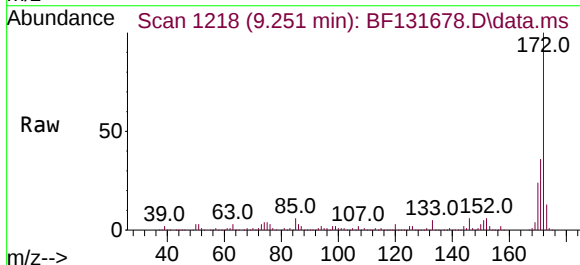


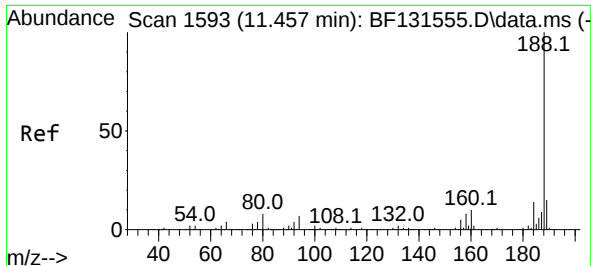
Tgt Ion:330 Resp: 62202
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.3 117.5
 141 39.3 32.6 49.0



#45
 2-Fluorobiphenyl
 Concen: 55.440 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. -0.000 min
 Lab File: BF131678.D
 Acq: 16 Dec 2022 21:28

Tgt Ion:172 Resp: 659108
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.6 19.3 28.9

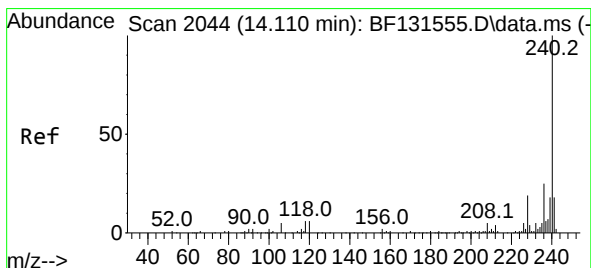
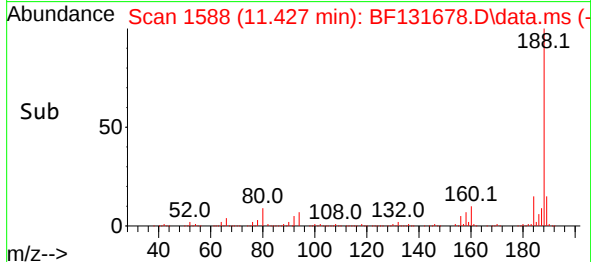
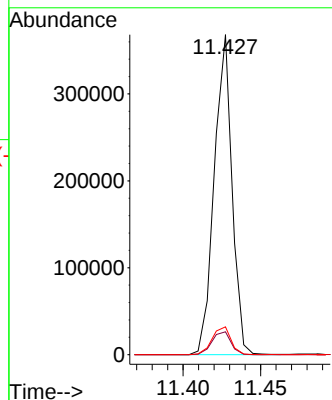
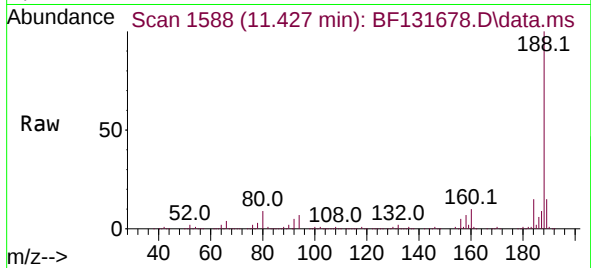




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

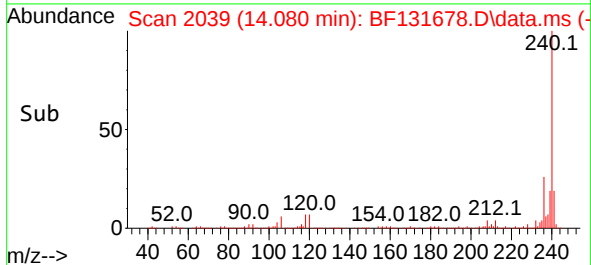
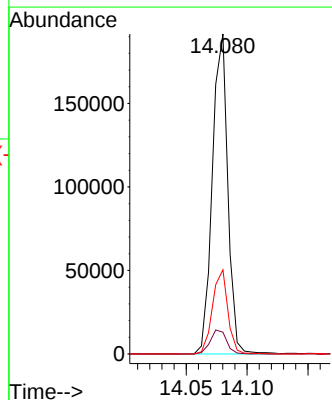
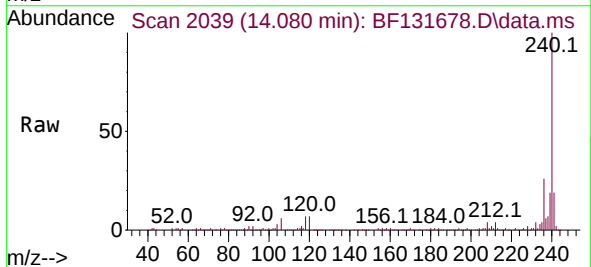
Instrument :
BNA_F
ClientSampleId :
RB-26-(2-4)

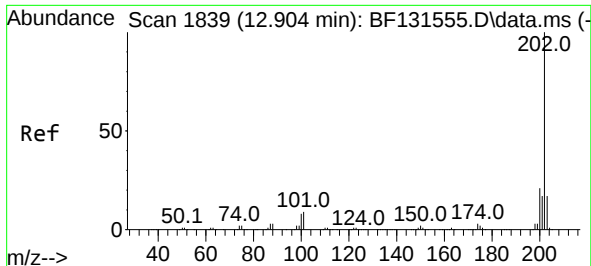
Tgt Ion:188 Resp: 293577
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

Tgt Ion:240 Resp: 168937
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 26.3 20.2 30.2

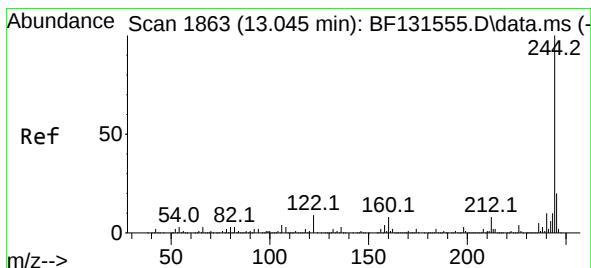
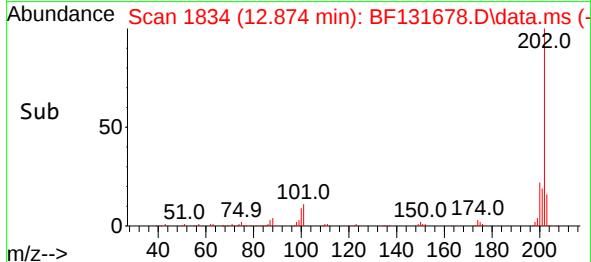
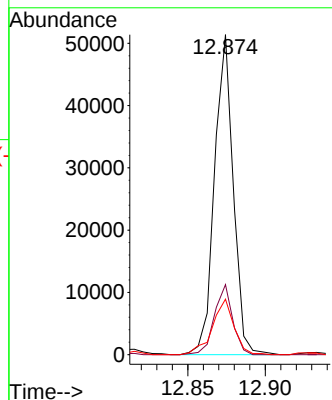
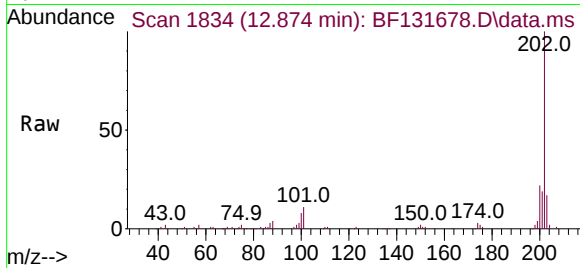




#78
Pyrene
Concen: 2.596 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

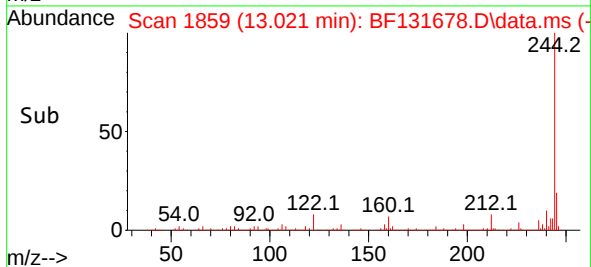
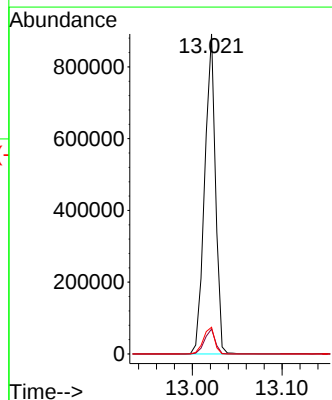
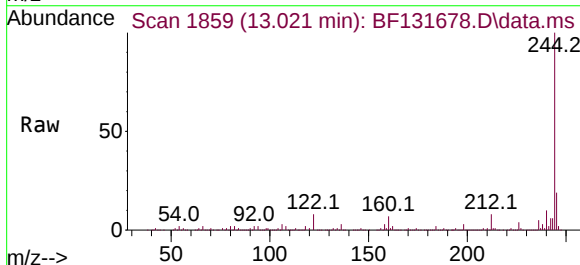
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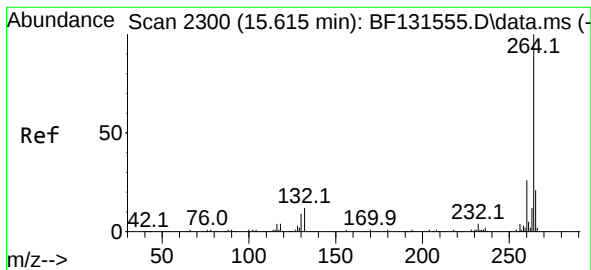
Tgt Ion:202 Resp: 43252
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 17.3 13.8 20.6



#79
Terphenyl-d14
Concen: 60.541 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131678.D
Acq: 16 Dec 2022 21:28

Tgt Ion:244 Resp: 745781
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.3 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131678.D
 Acq: 16 Dec 2022 21:28

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 157677
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.6 30.8
 265 21.0 16.8 25.2

