

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130999.D
 Acq On : 04 Nov 2022 19:45
 Operator : CG\JU
 Sample : N5425-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 371

Quant Time: Nov 05 00:39:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

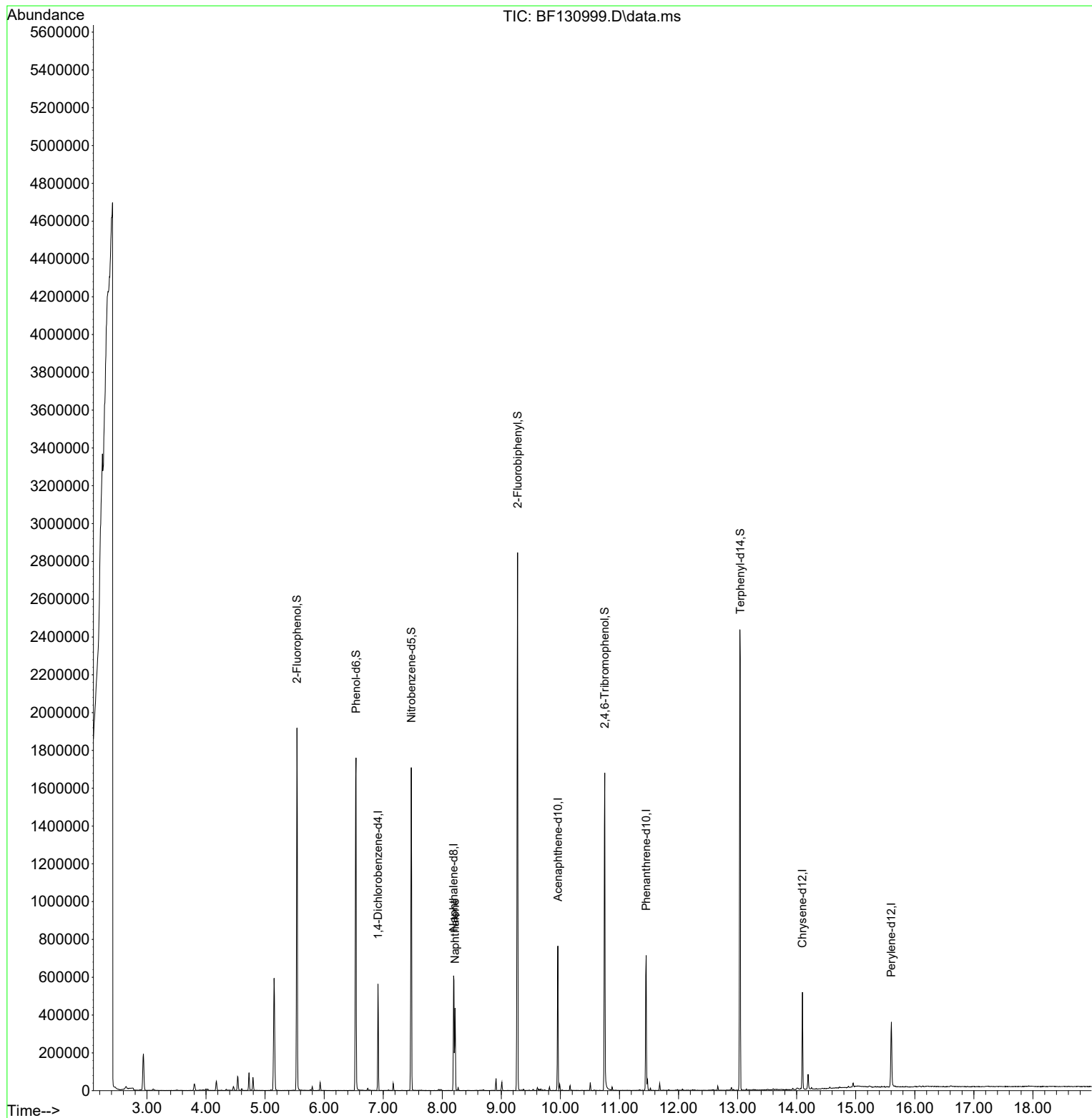
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	71531	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	276256	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	142428	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	253014	20.000	ng	0.00
76) Chrysene-d12	14.098	240	153870	20.000	ng	0.00
86) Perylene-d12	15.604	264	151667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	473154	114.673	ng	0.01
7) Phenol-d6	6.540	99	575113	107.259	ng	0.00
23) Nitrobenzene-d5	7.475	82	541578	118.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	199483	166.380	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	895780	95.088	ng	0.00
79) Terphenyl-d14	13.045	244	905253	107.808	ng	0.00
Target Compounds						
31) Naphthalene	8.216	128	169588	11.766	ng	Qvalue 99

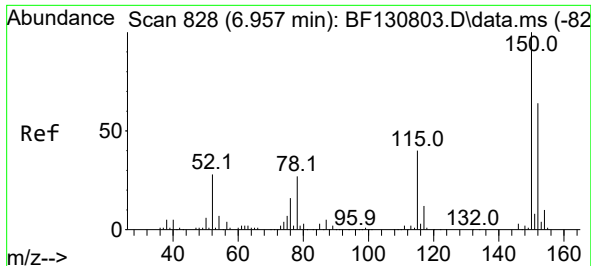
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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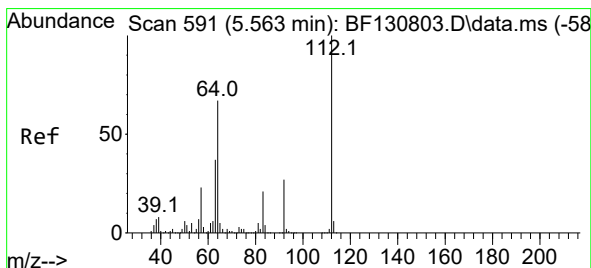
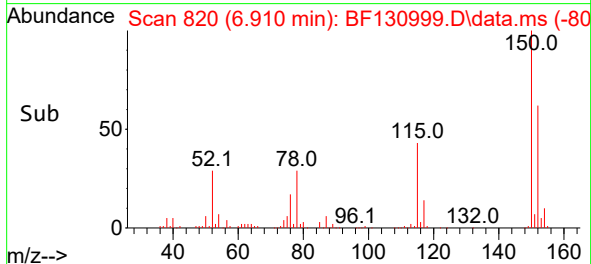
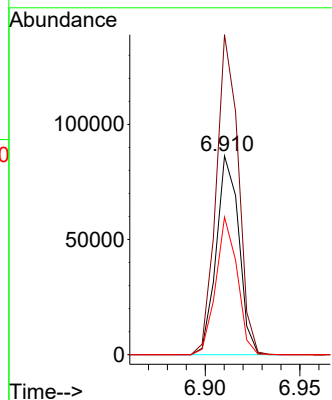
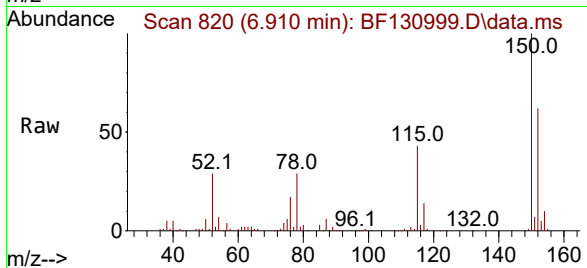




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

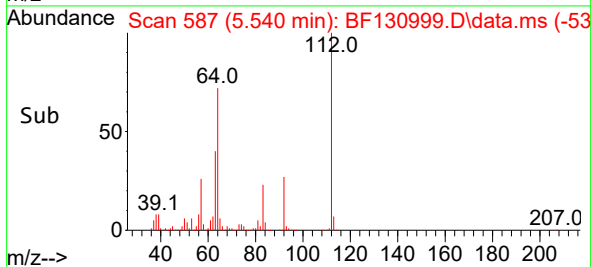
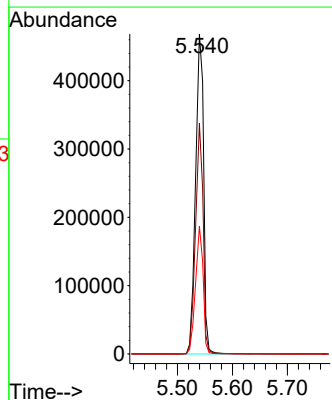
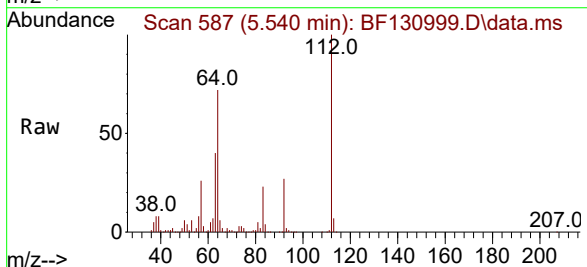
Instrument :
BNA_F
ClientSampleId :
371

Tgt Ion:152 Resp: 71531
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 69.2 50.1 75.1



#5
2-Fluorophenol
Concen: 114.673 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:112 Resp: 473154
Ion Ratio Lower Upper
112 100
64 72.1 53.9 80.9
63 40.0 29.4 44.2

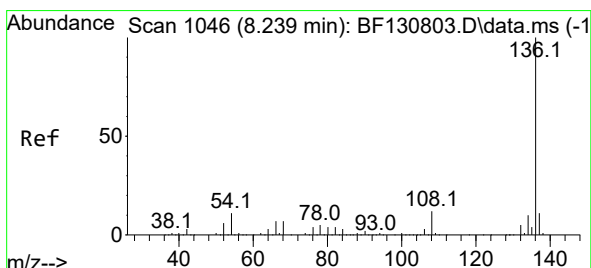
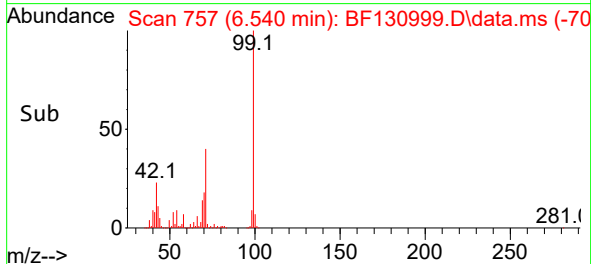
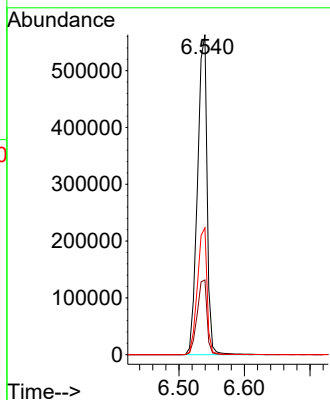
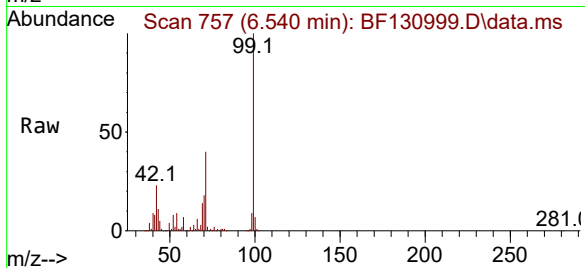




#7
Phenol-d6
Concen: 107.259 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

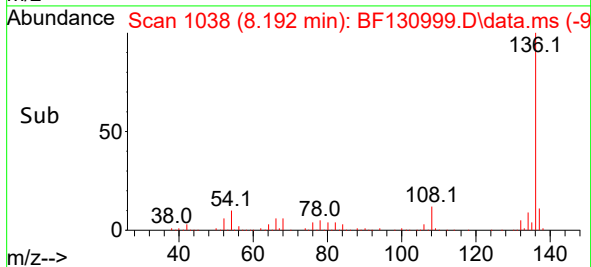
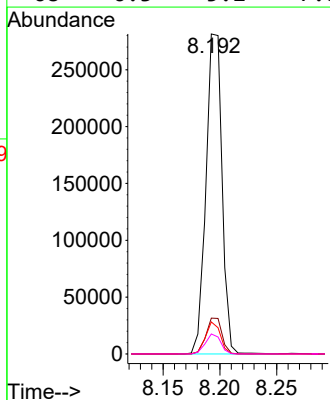
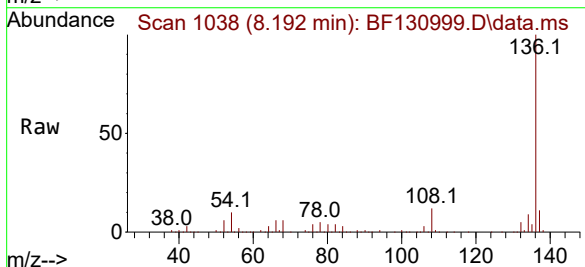
Instrument :
BNA_F
ClientSampleId :
371

Tgt Ion: 99 Resp: 575113
Ion Ratio Lower Upper
99 100
42 23.4 18.8 28.2
71 39.6 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion: 136 Resp: 276256
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 10.0 8.8 13.2
68 6.3 5.2 7.8

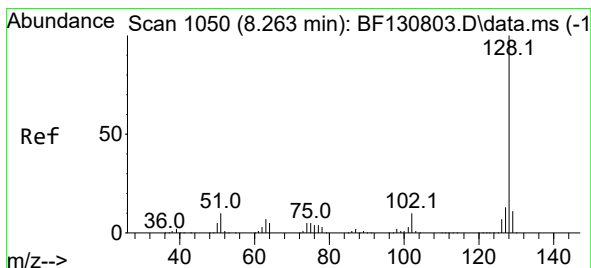
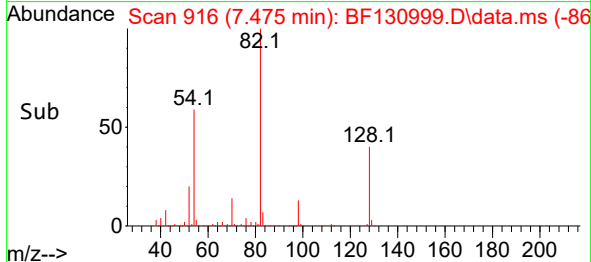
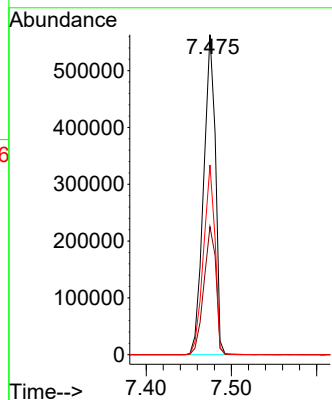
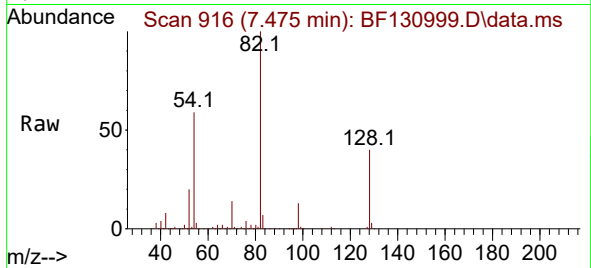




#23
Nitrobenzene-d5
Concen: 118.211 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

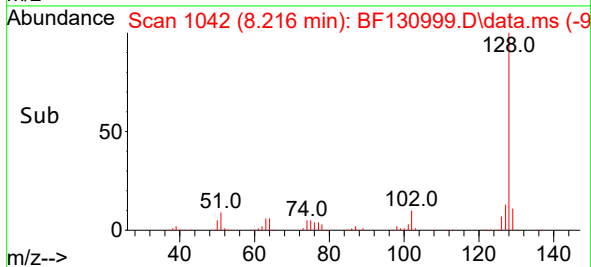
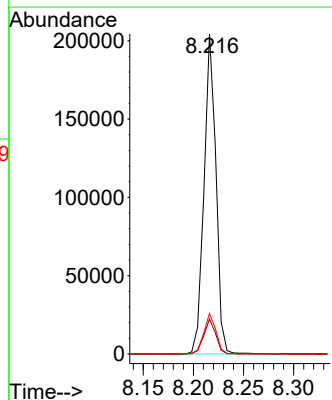
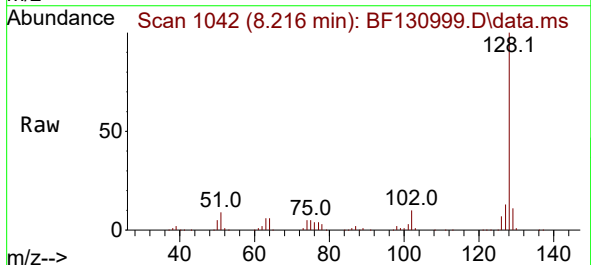
Instrument :
BNA_F
ClientSampleId :
371

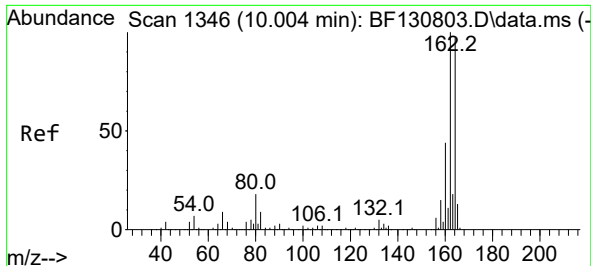
Tgt Ion: 82 Resp: 541578
Ion Ratio Lower Upper
82 100
128 40.0 31.2 46.8
54 59.2 48.0 72.0



#31
Naphthalene
Concen: 11.766 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion: 128 Resp: 169588
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.7 10.6 16.0

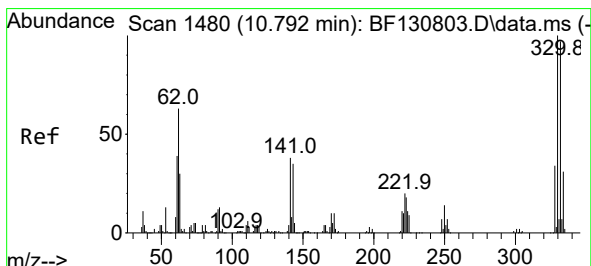
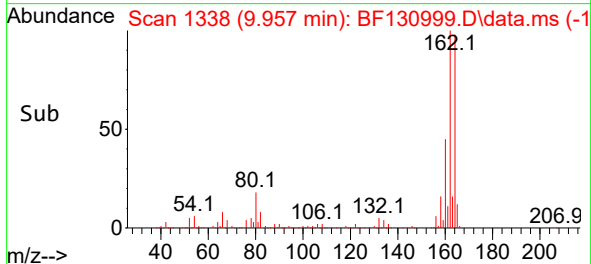
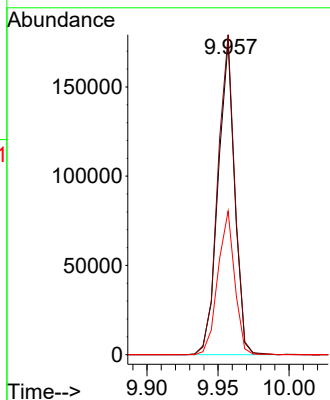
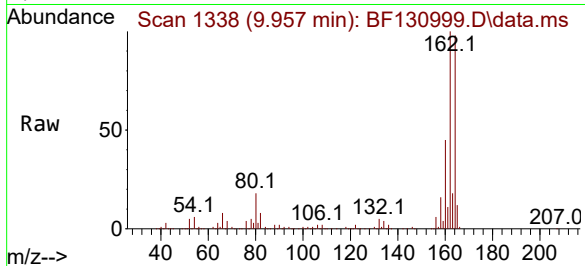




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

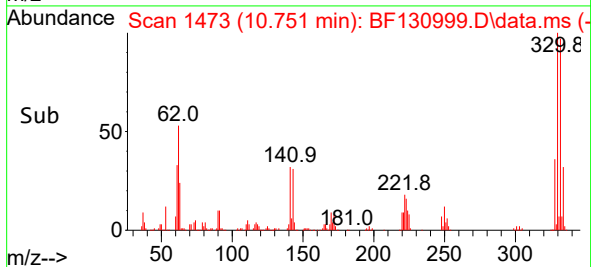
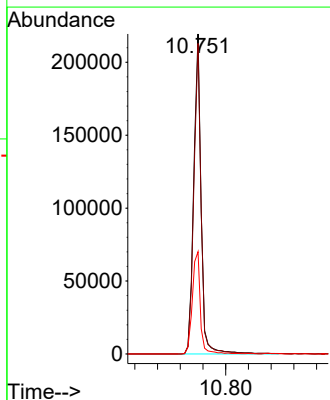
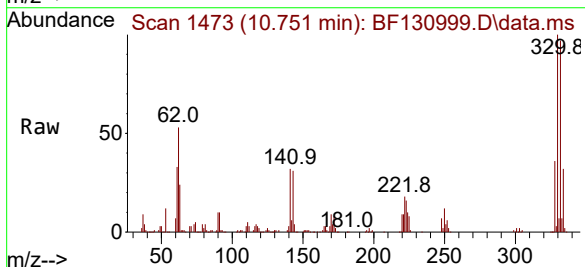
Instrument :
BNA_F
ClientSampleId :
371

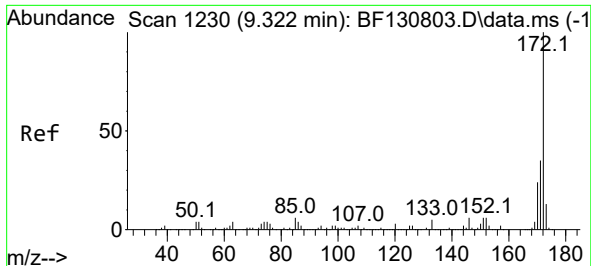
Tgt Ion:164 Resp: 142428
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 45.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 166.380 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Tgt Ion:330 Resp: 199483
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 34.6 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 95.088 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130999.D

Acq: 04 Nov 2022 19:45

Instrument :

BNA_F

ClientSampleId :

371

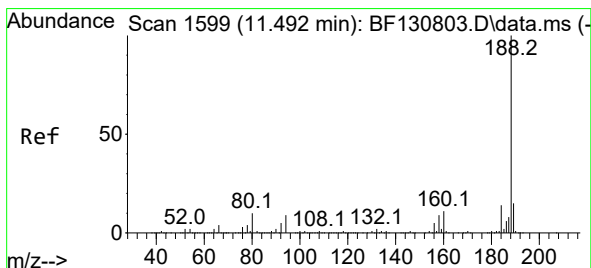
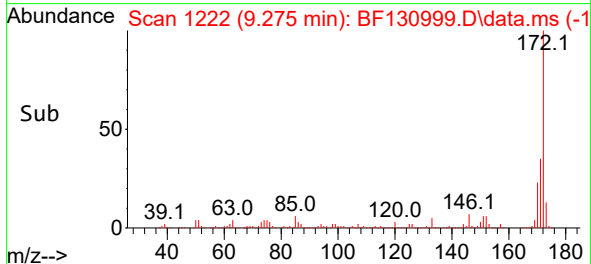
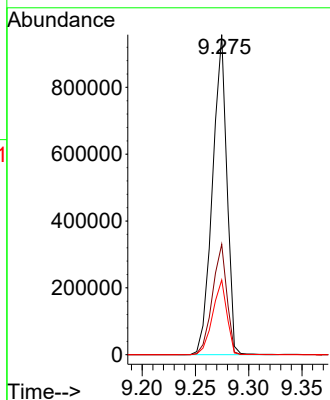
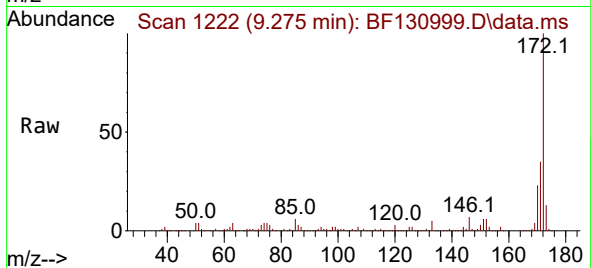
Tgt Ion:172 Resp: 895780

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.4 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF130999.D

Acq: 04 Nov 2022 19:45

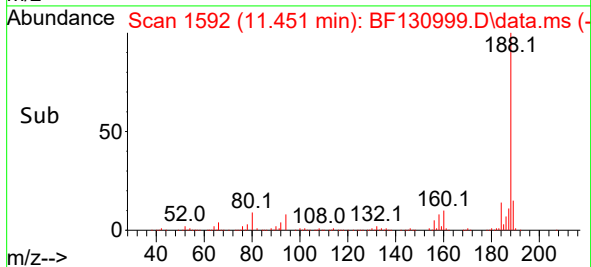
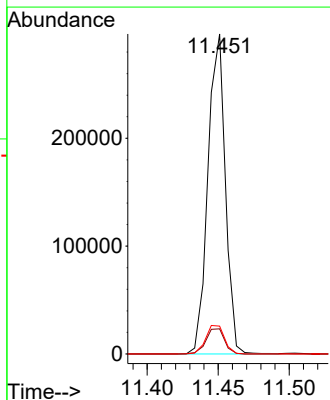
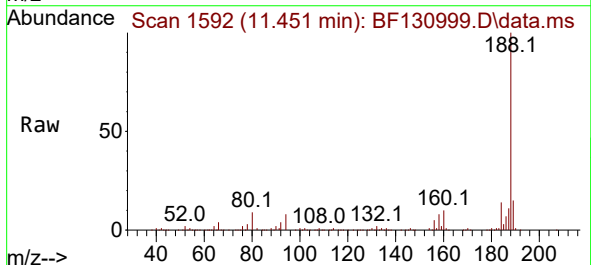
Tgt Ion:188 Resp: 253014

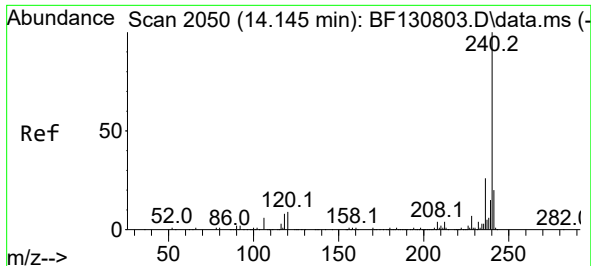
Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.2

80 8.7 8.0 12.0

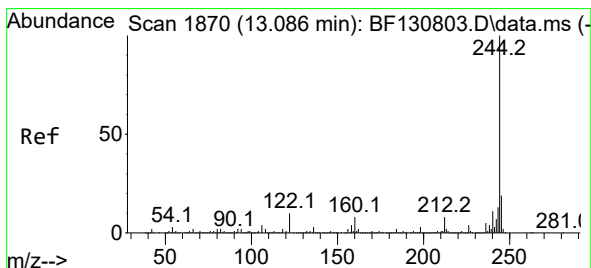
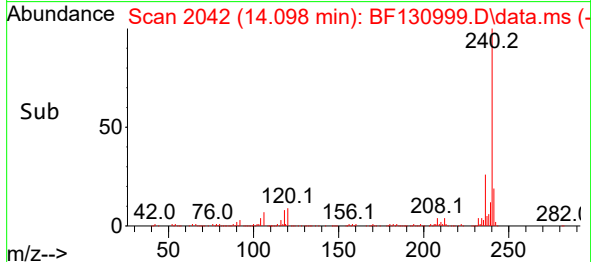
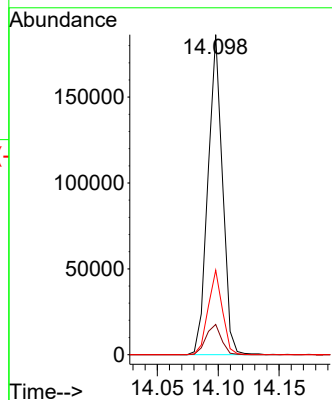
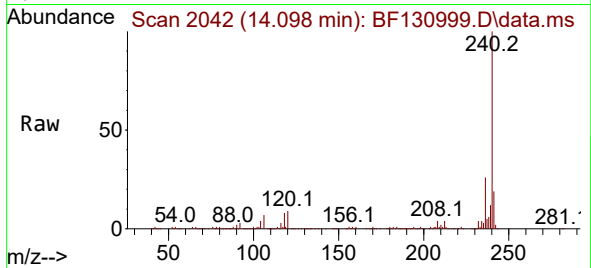




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

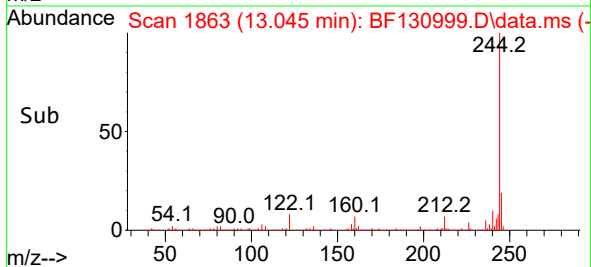
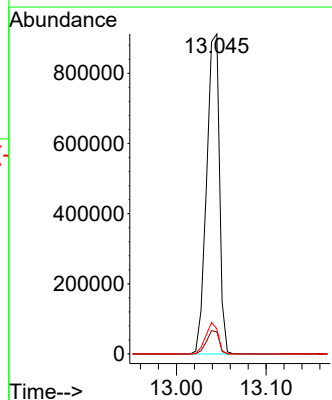
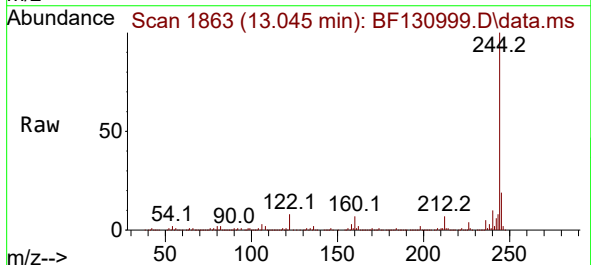
Instrument :
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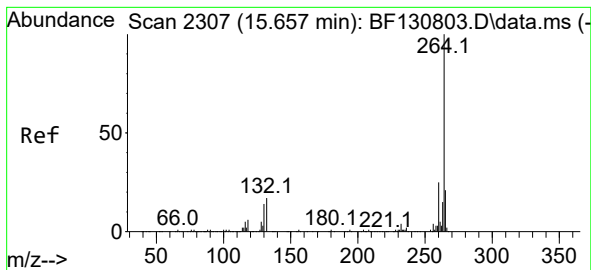
Tgt Ion:240 Resp: 153870
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.4
236 26.4 20.5 30.7



#79
Terphenyl-d14
Concen: 107.808 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

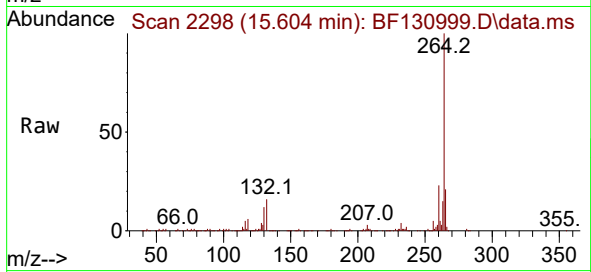
Tgt Ion:244 Resp: 905253
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 7.8 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130999.D
Acq: 04 Nov 2022 19:45

Instrument :
BNA_F
ClientSampleId :
371



Tgt Ion:264 Resp: 151667

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.9	29.9
265	21.2	17.0	25.6

