

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131366.D
 Acq On : 23 Nov 2022 17:45
 Operator : CG\JU
 Sample : N5762-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 24 05:56:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	122025	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	456161	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	265783	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	480838	20.000	ng	0.00
76) Chrysene-d12	14.157	240	376883	20.000	ng	0.00
86) Perylene-d12	15.692	264	334973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	929869	145.031	ng	0.03
7) Phenol-d6	6.575	99	1083396	132.439	ng	0.00
23) Nitrobenzene-d5	7.522	82	847760	93.683	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	398608	178.264	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1527956	83.636	ng	0.00
79) Terphenyl-d14	13.104	244	1875427	81.373	ng	0.00

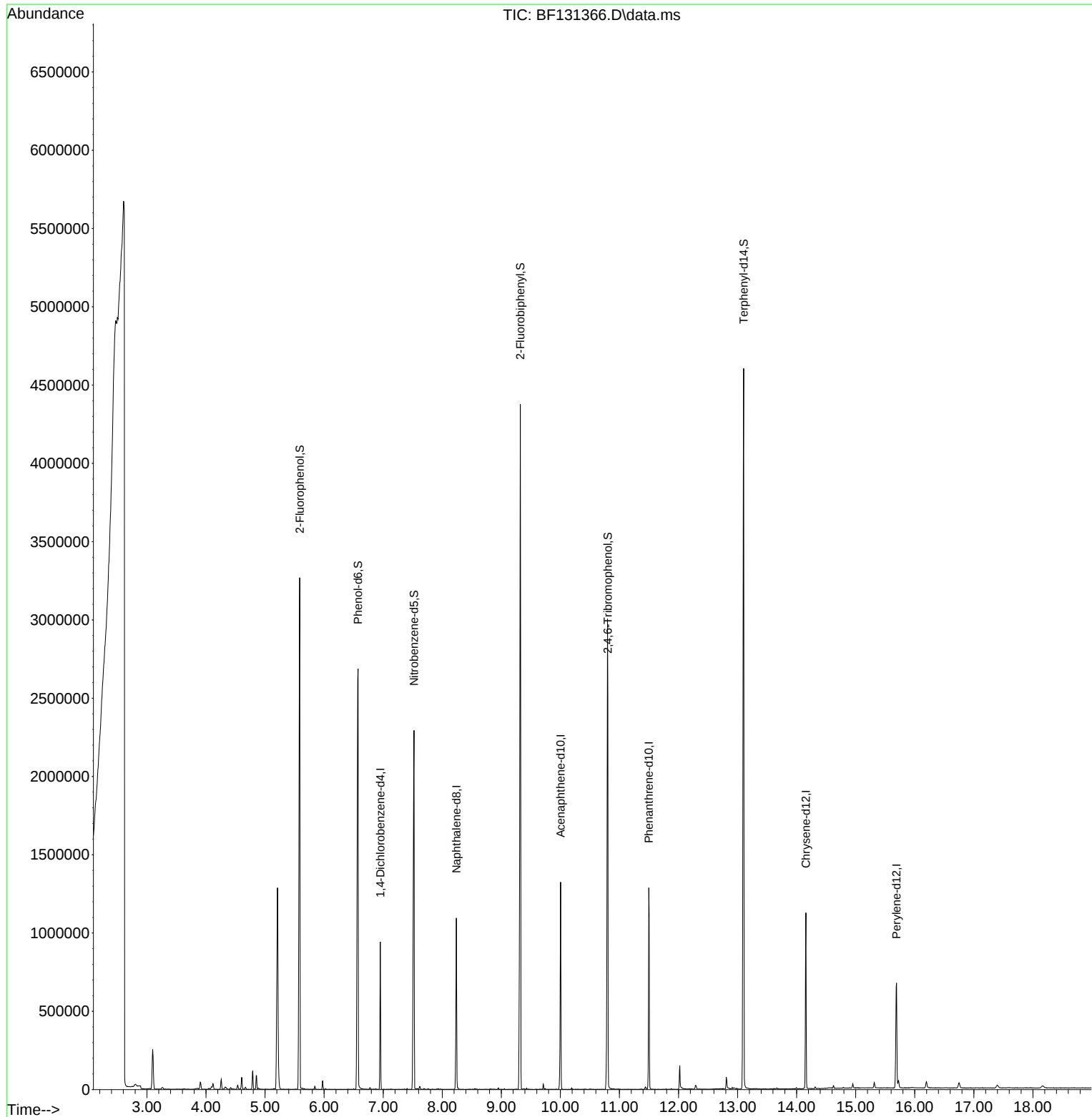
Target Compounds	Qvalue

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

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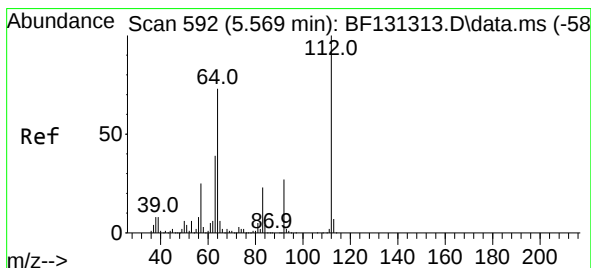
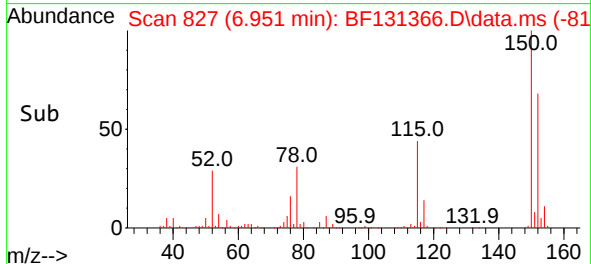
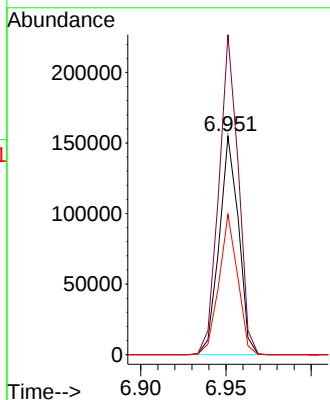
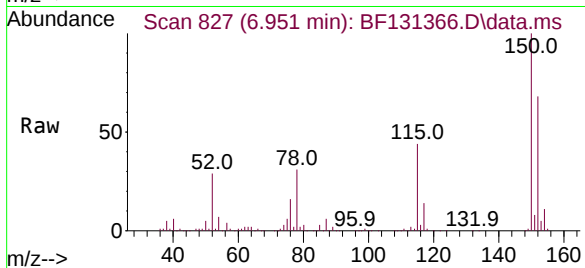




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131366.D
 Acq: 23 Nov 2022 17:45

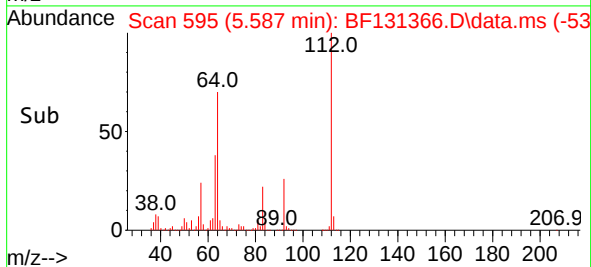
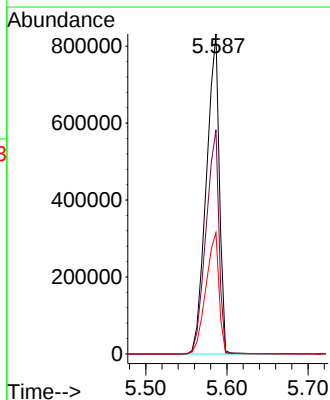
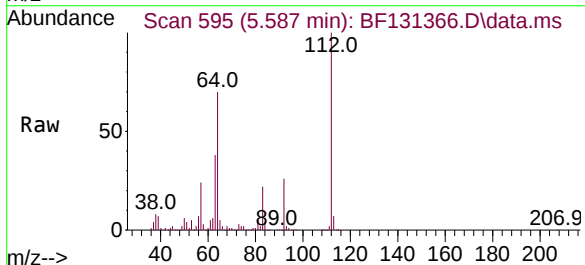
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 122025
 Ion Ratio Lower Upper
 152 100
 150 146.6 117.8 176.8
 115 64.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 145.031 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.029 min
 Lab File: BF131366.D
 Acq: 23 Nov 2022 17:45

Tgt Ion:112 Resp: 929869
 Ion Ratio Lower Upper
 112 100
 64 70.0 58.6 88.0
 63 37.9 31.4 47.0

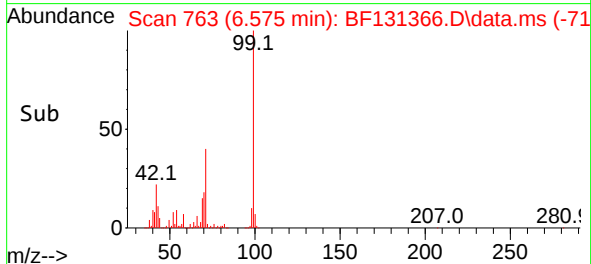
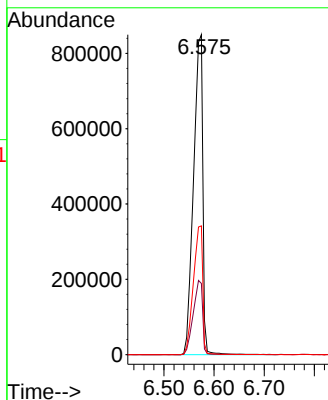
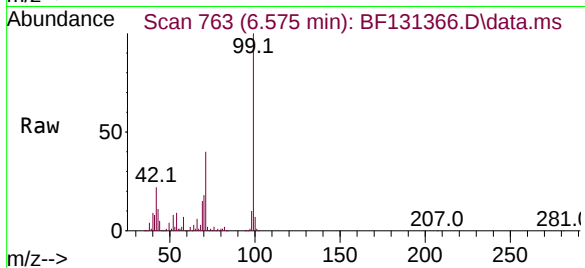




#7
Phenol-d6
Concen: 132.439 ng
RT: 6.575 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

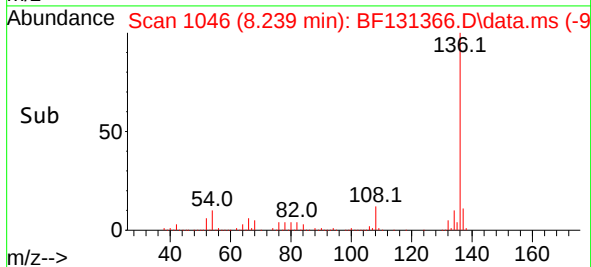
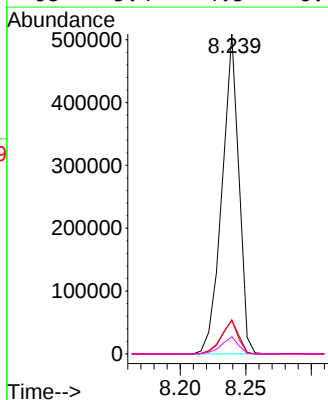
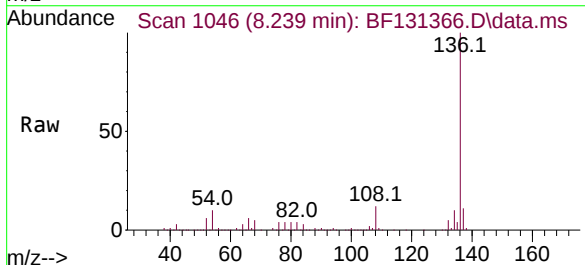
Instrument :
BNA_F
ClientSampleId :
TP-2

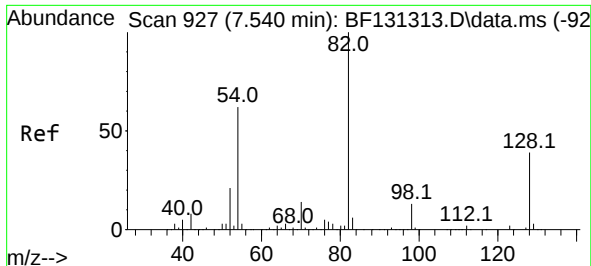
Tgt Ion: 99 Resp: 1083396
Ion Ratio Lower Upper
99 100
42 22.2 19.4 29.2
71 40.2 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion: 136 Resp: 456161
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.5 9.4 14.0
68 5.4 4.5 6.7

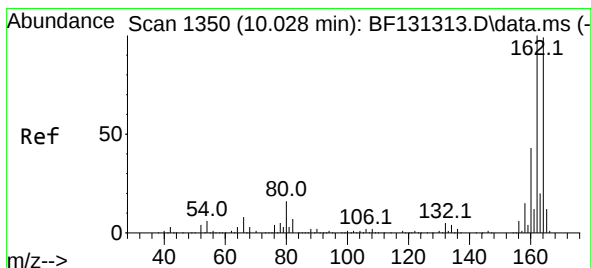
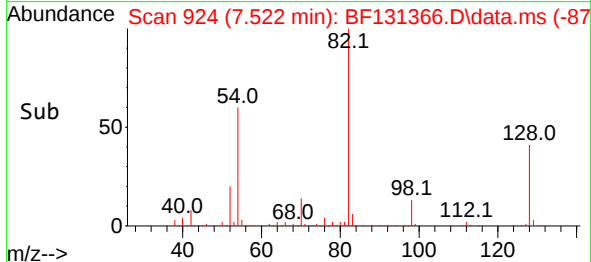
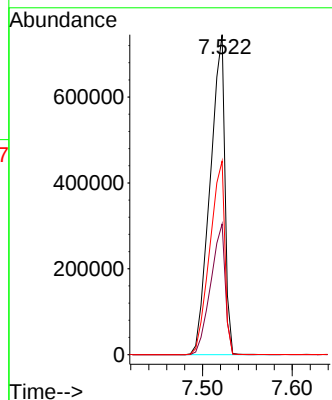
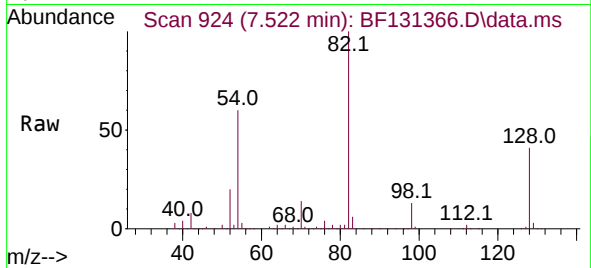




#23
Nitrobenzene-d5
Concen: 93.683 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

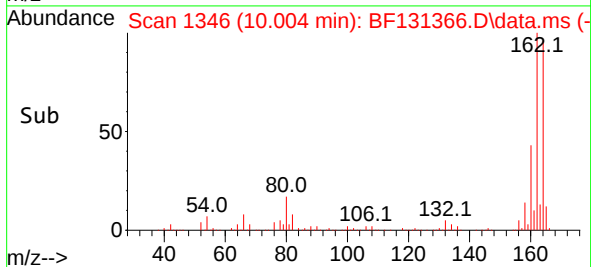
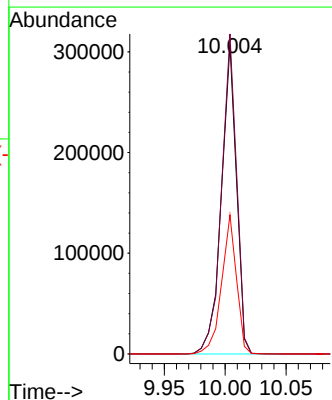
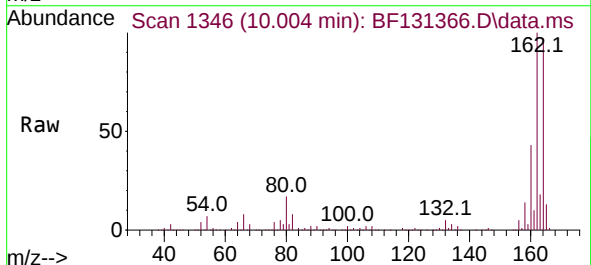
Instrument :
BNA_F
ClientSampleId :
TP-2

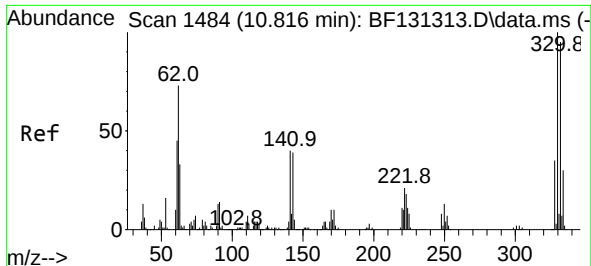
Tgt Ion: 82 Resp: 847760
Ion Ratio Lower Upper
82 100
128 40.8 31.4 47.0
54 60.5 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion: 164 Resp: 265783
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 44.9 34.4 51.6

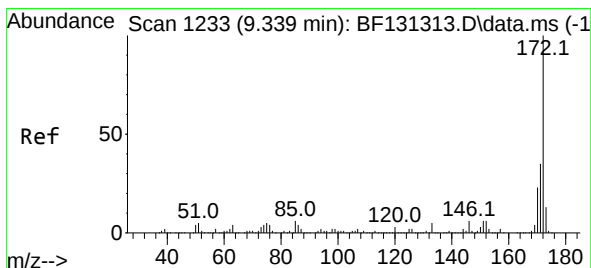
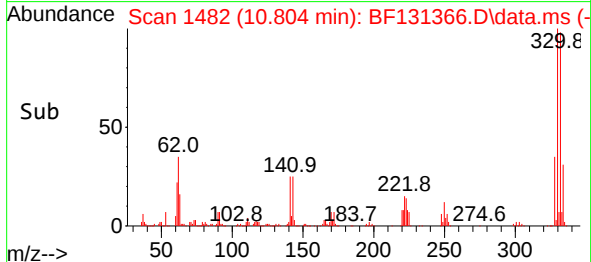
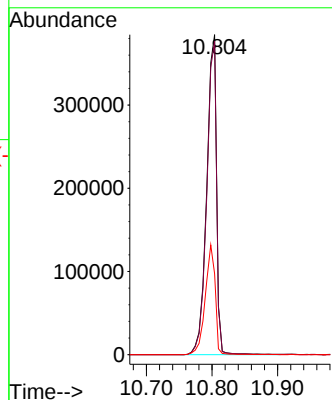
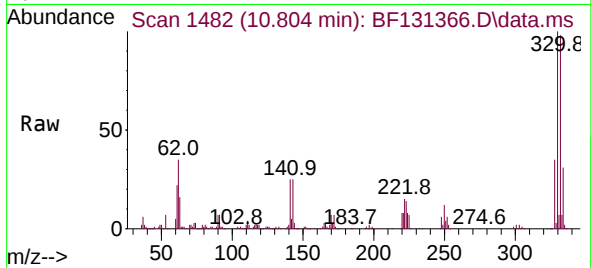




#42
2,4,6-Tribromophenol
Concen: 178.264 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

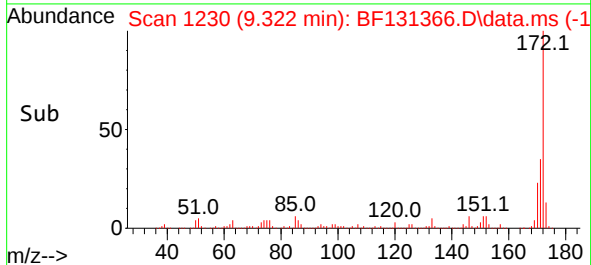
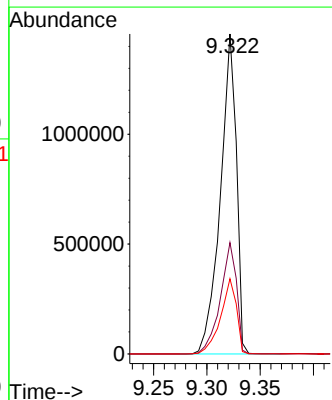
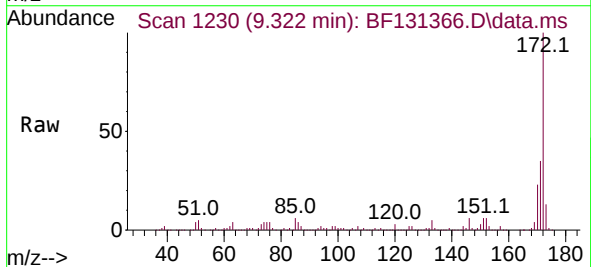
Instrument :
BNA_F
ClientSampleId :
TP-2

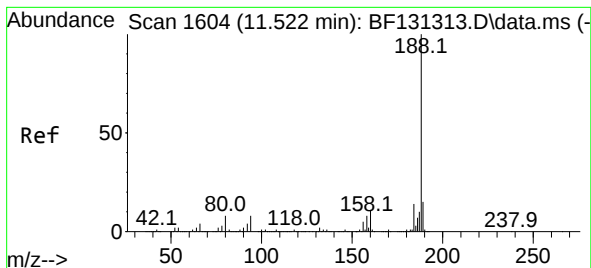
Tgt Ion:330 Resp: 398608
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 34.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 83.636 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion:172 Resp: 1527956
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP-2

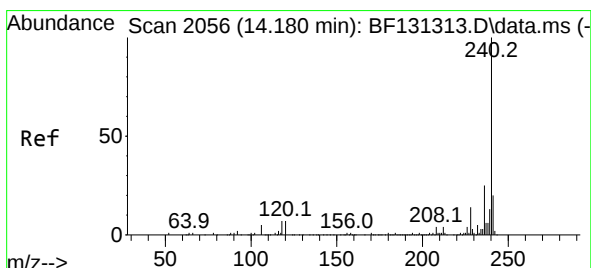
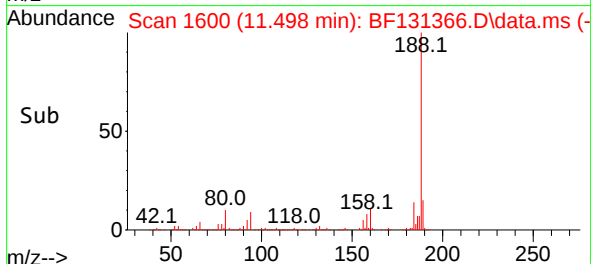
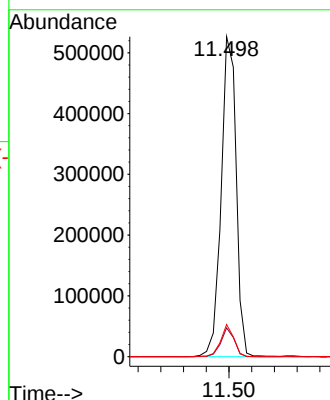
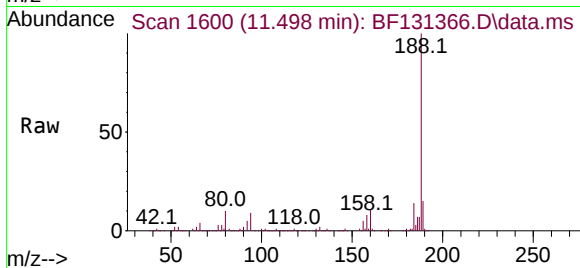
Tgt Ion:188 Resp: 480838

Ion Ratio Lower Upper

188 100

94 9.0 6.3 9.5

80 10.0 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

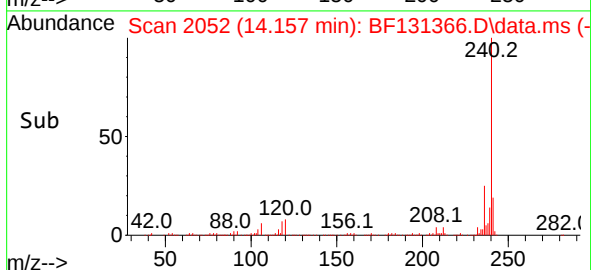
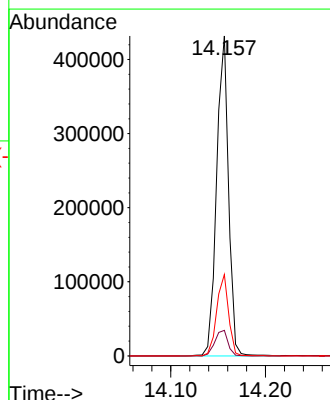
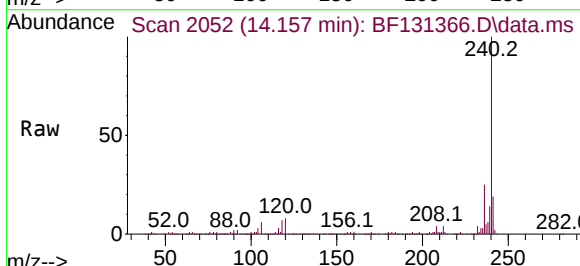
Tgt Ion:240 Resp: 376883

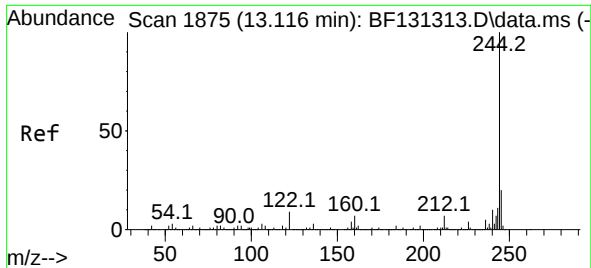
Ion Ratio Lower Upper

240 100

120 8.0 5.8 8.8

236 25.4 20.3 30.5

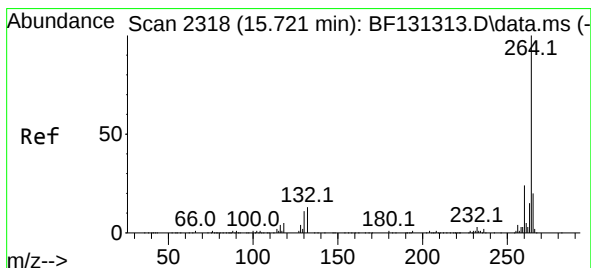
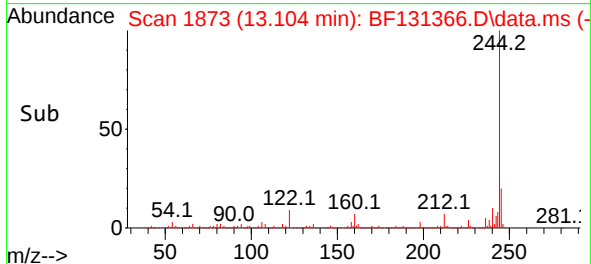
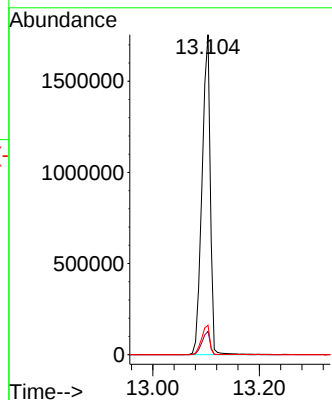
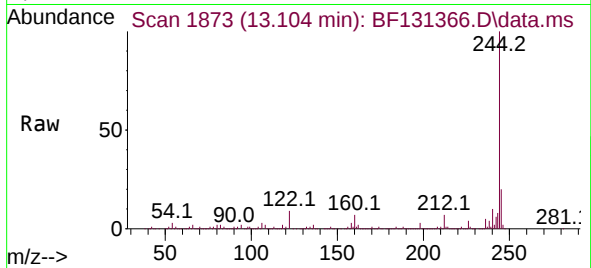




#79
 Terphenyl-d14
 Concen: 81.373 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: BF131366.D
 Acq: 23 Nov 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1875427
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2313
 Delta R.T. -0.000 min
 Lab File: BF131366.D
 Acq: 23 Nov 2022 17:45

Tgt Ion:264 Resp: 334973
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.4 16.4 24.6

