

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131391.D
 Acq On : 25 Nov 2022 12:21
 Operator : CG\JU
 Sample : N5742-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB111822

Quant Time: Nov 25 23:16:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	107606	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	401857	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	231862	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	400559	20.000	ng	0.00
76) Chrysene-d12	14.163	240	206651	20.000	ng	#-0.01
86) Perylene-d12	15.704	264	203949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	318054	56.254	ng	0.00
7) Phenol-d6	6.563	99	250837	34.772	ng	-0.02
23) Nitrobenzene-d5	7.522	82	603390	75.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	132887	68.124	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1080470	67.794	ng	0.00
79) Terphenyl-d14	13.110	244	1085114	85.867	ng	0.00

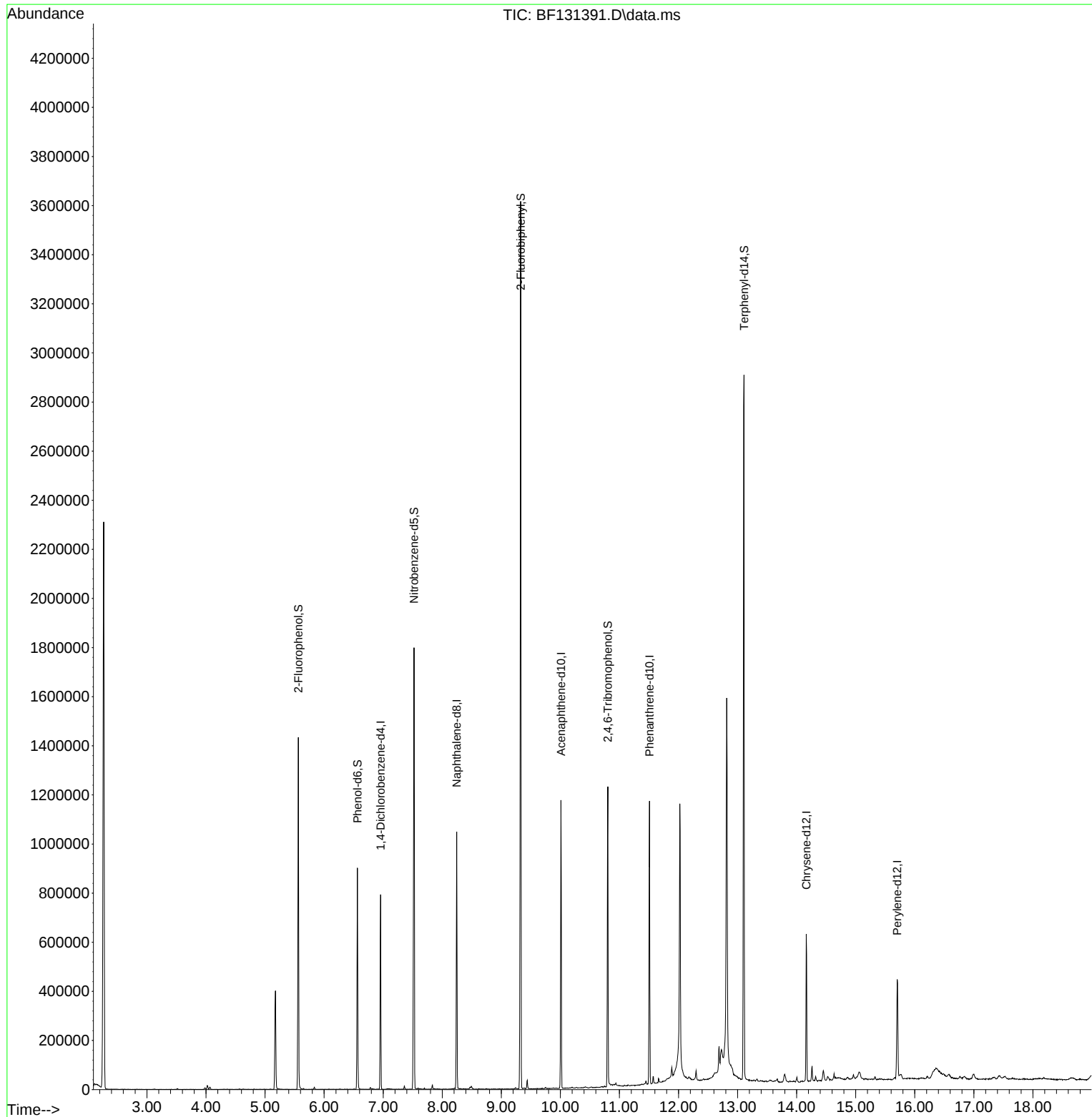
Target Compounds Qvalue

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

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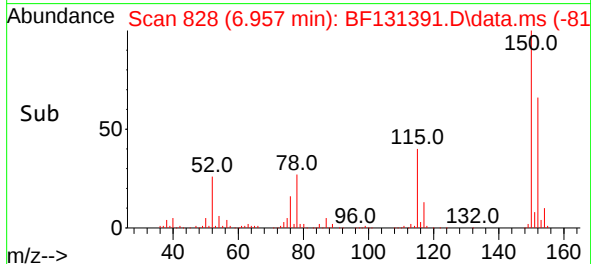
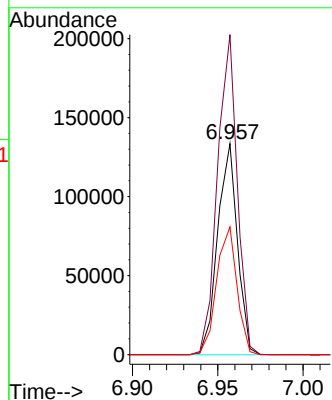
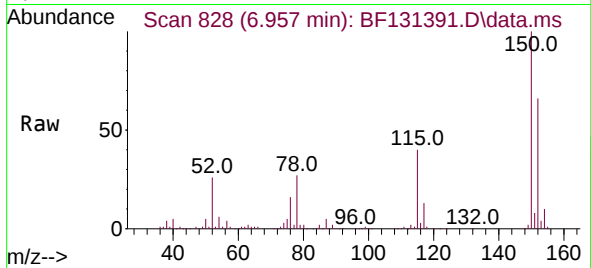




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

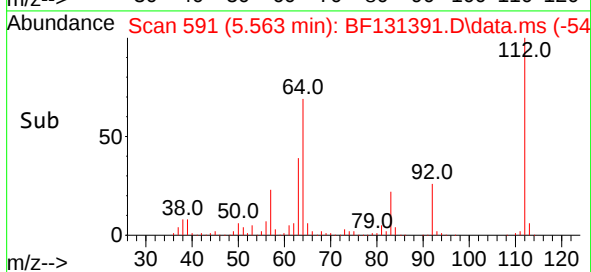
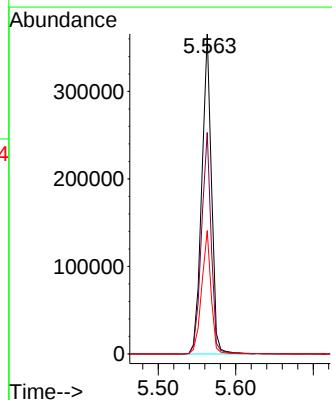
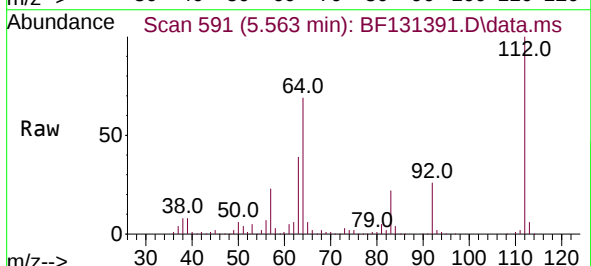
Instrument :
BNA_F
ClientSampleId :
FB111822

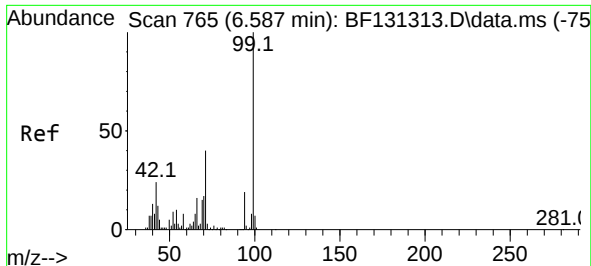
Tgt Ion:152 Resp: 107606
Ion Ratio Lower Upper
152 100
150 151.7 117.8 176.8
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 56.254 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion:112 Resp: 318054
Ion Ratio Lower Upper
112 100
64 69.2 58.6 88.0
63 38.5 31.4 47.0

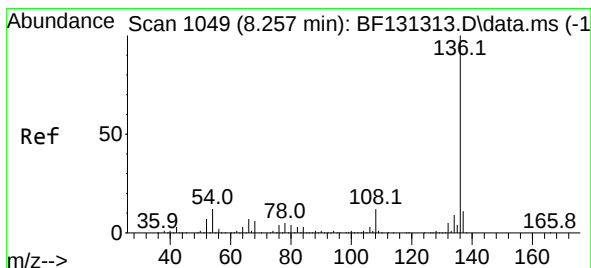
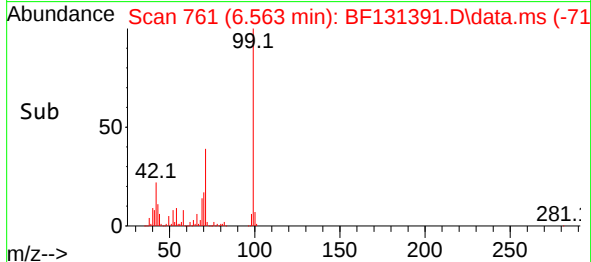
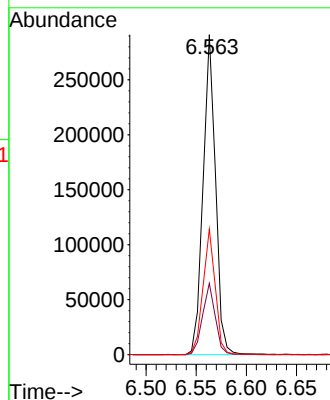
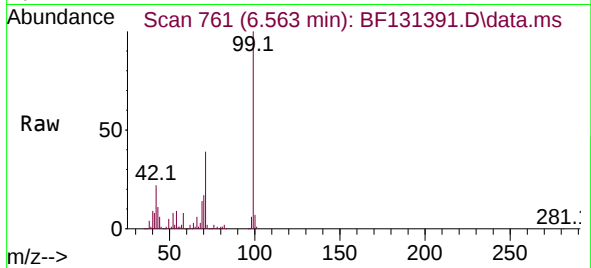




#7
Phenol-d6
Concen: 34.772 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

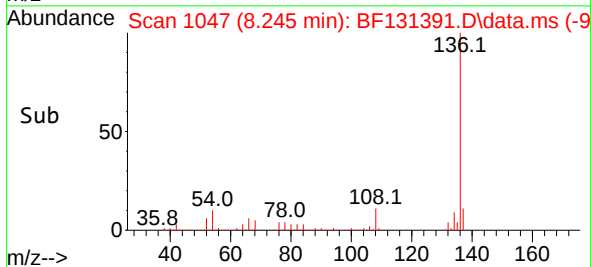
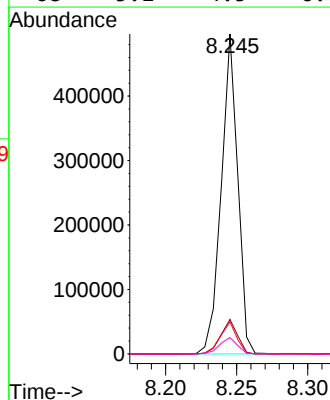
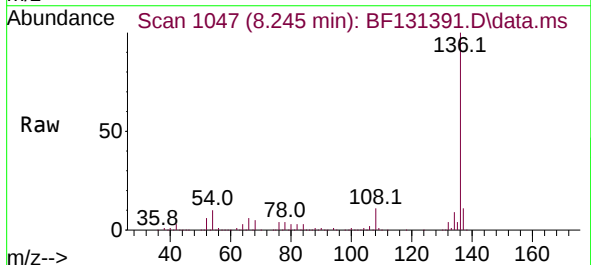
Instrument :
BNA_F
ClientSampleId :
FB111822

Tgt Ion:	99	Resp:	250837
Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.4	29.2
71	39.2	32.3	48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion:	136	Resp:	401857
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.0	9.4	14.0
68	5.1	4.5	6.7

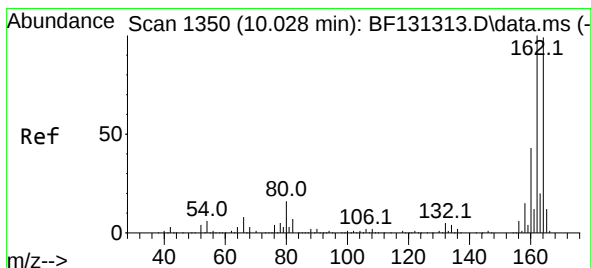
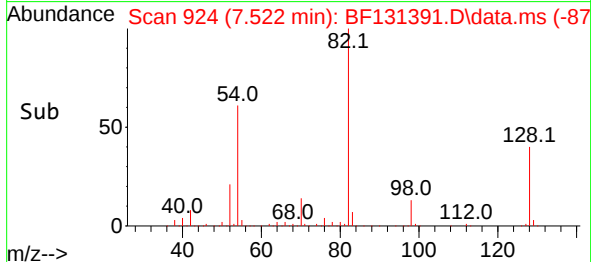
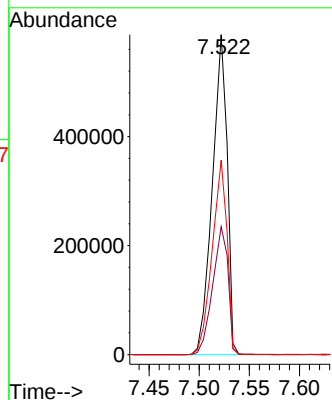
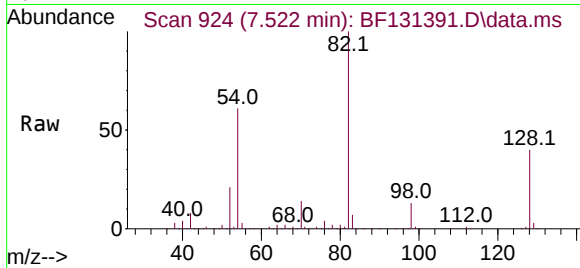




#23
Nitrobenzene-d5
Concen: 75.689 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

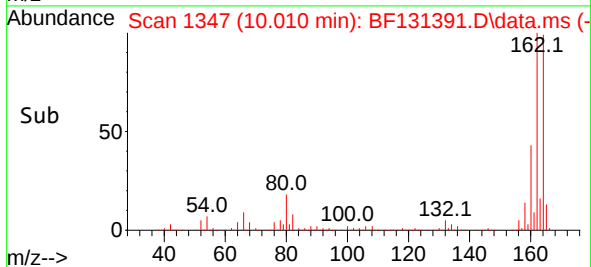
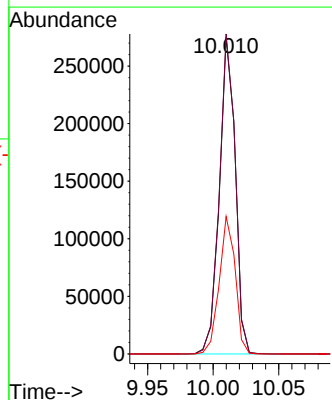
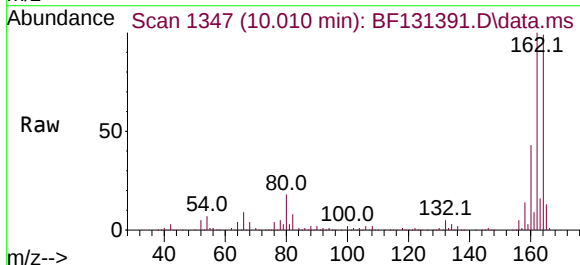
Instrument :
BNA_F
ClientSampleId :
FB111822

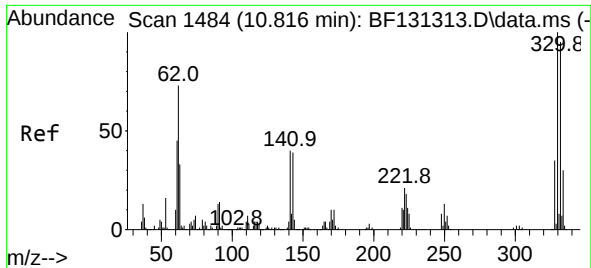
Tgt Ion: 82 Resp: 603390
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 60.7 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion: 164 Resp: 231862
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 68.124 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131391.D

Acq: 25 Nov 2022 12:21

Instrument :

BNA_F

ClientSampleId :

FB111822

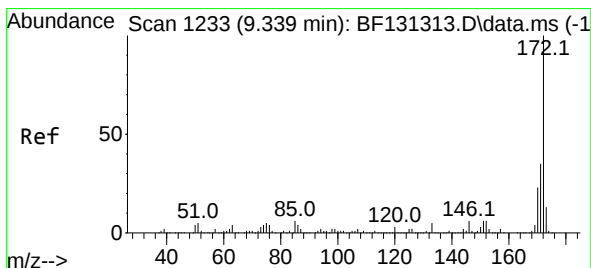
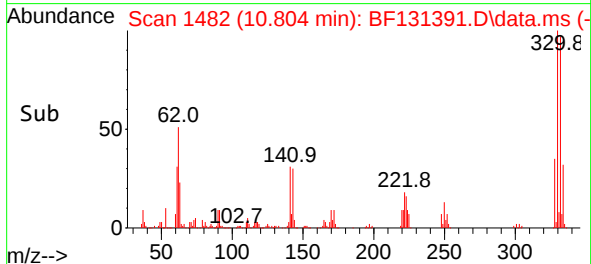
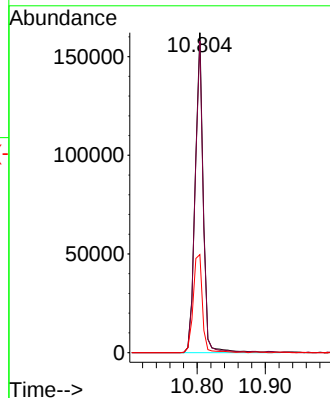
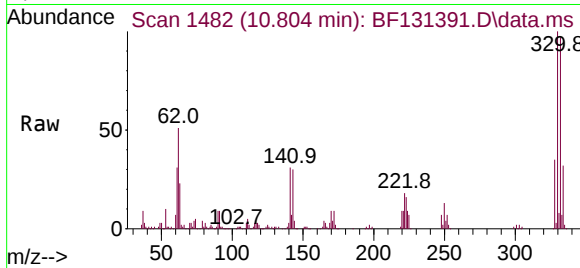
Tgt Ion:330 Resp: 132887

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 35.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 67.794 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131391.D

Acq: 25 Nov 2022 12:21

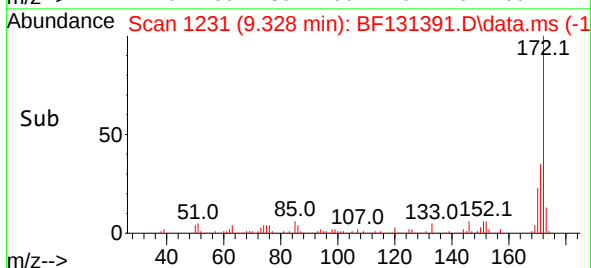
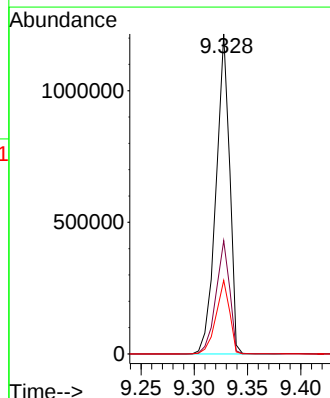
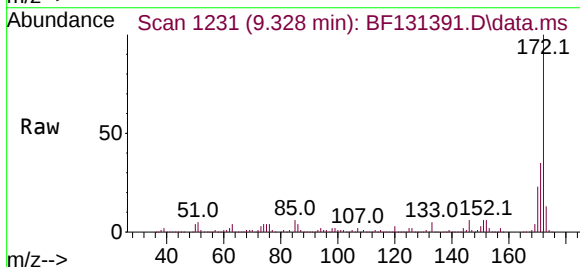
Tgt Ion:172 Resp: 1080470

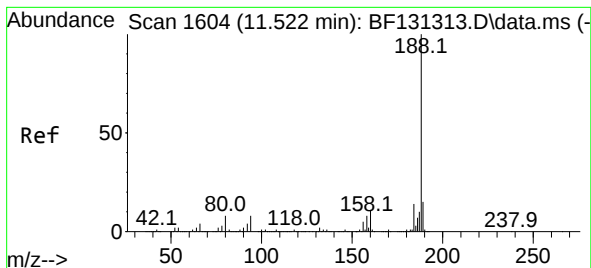
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF131391.D

Acq: 25 Nov 2022 12:21

Instrument :

BNA_F

ClientSampleId :

FB111822

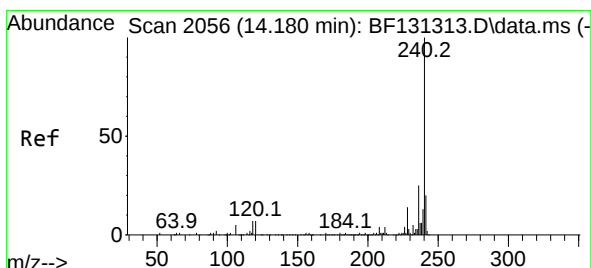
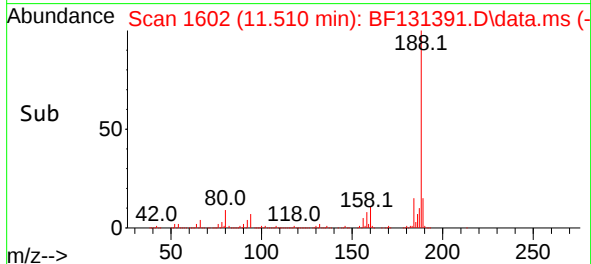
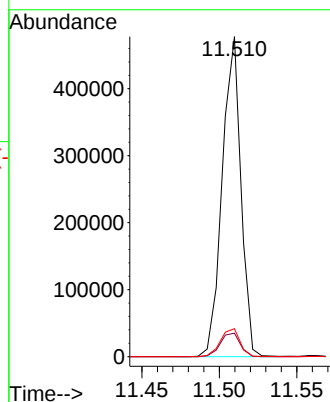
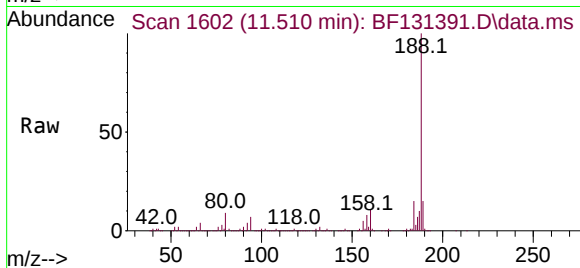
Tgt Ion:188 Resp: 400559

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

80 8.7 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131391.D

Acq: 25 Nov 2022 12:21

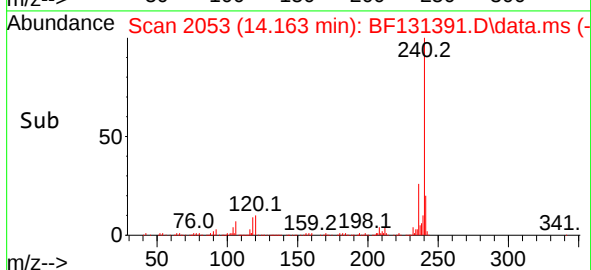
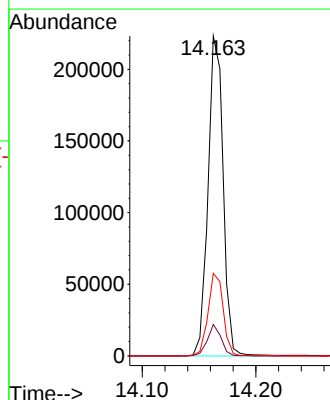
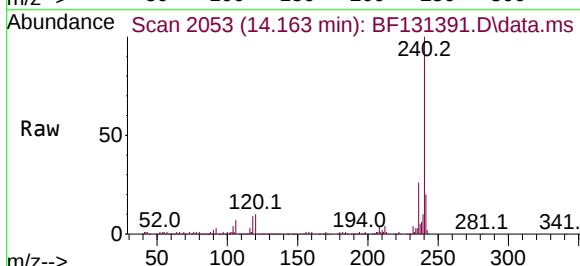
Tgt Ion:240 Resp: 206651

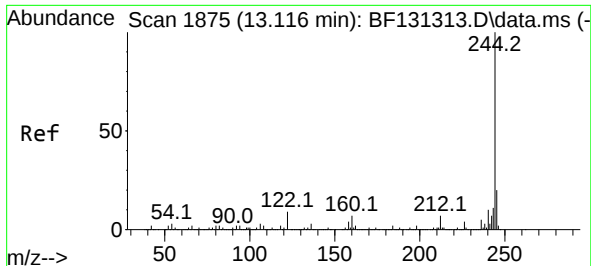
Ion Ratio Lower Upper

240 100

120 9.8 5.8 8.8#

236 25.8 20.3 30.5

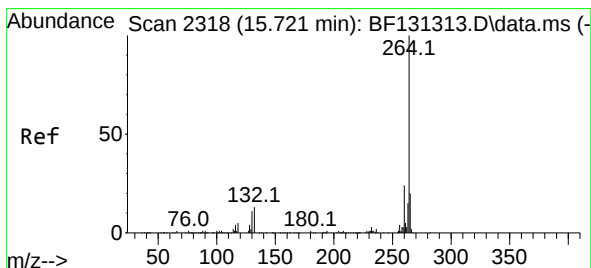
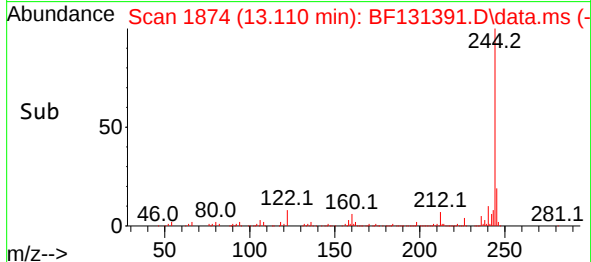
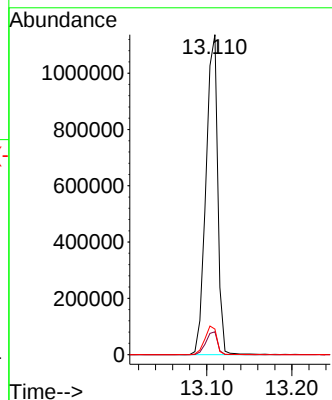
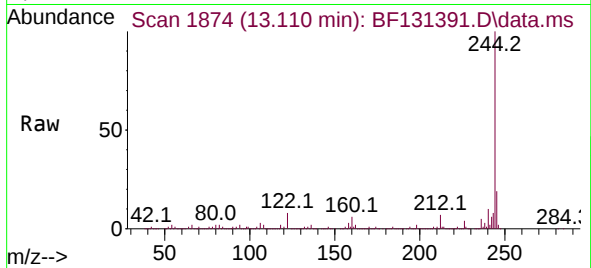




#79
Terphenyl-d14
Concen: 85.867 ng
RT: 13.110 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Instrument :
BNA_F
ClientSampleId :
FB111822

Tgt Ion:244 Resp: 1085114
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.0 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion:264 Resp: 203949
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.5 16.4 24.6

