

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126691.D
 Acq On : 26 Jan 2022 17:24
 Operator : CG/JU
 Sample : N1263-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D2-E2B

Quant Time: Jan 27 03:13:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

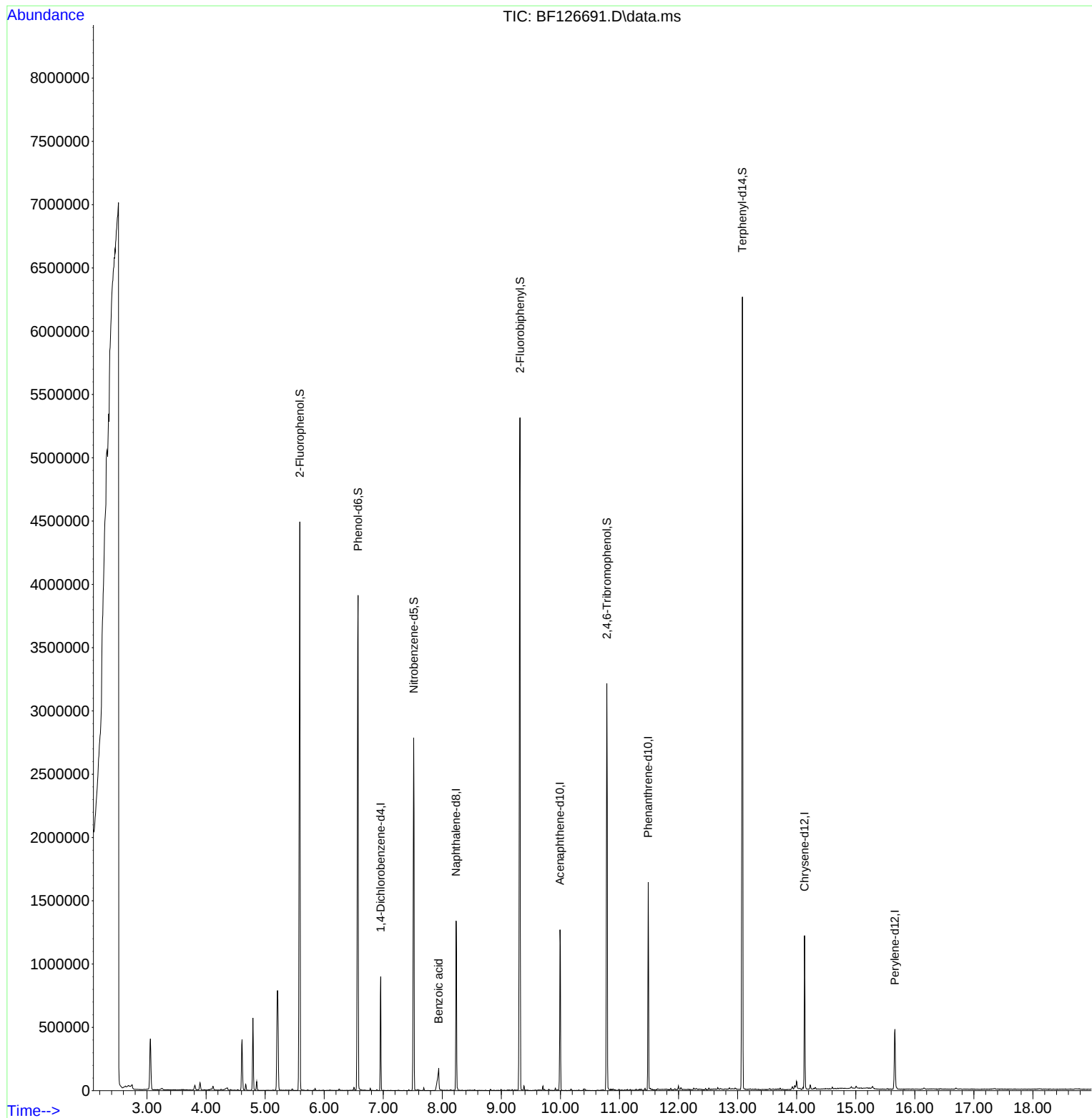
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	111371	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	547588	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	248982	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	504057	20.000	ng	0.00
76) Chrysene-d12	14.133	240	362479	20.000	ng	-0.01
86) Perylene-d12	15.662	264	215251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1247343	147.379	ng	0.02
7) Phenol-d6	6.575	99	1541993	131.133	ng	0.00
23) Nitrobenzene-d5	7.516	82	1139244	81.432	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	372954	160.060	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1726233	106.181	ng	0.00
79) Terphenyl-d14	13.080	244	2278481	105.430	ng	0.00
Target Compounds						
32) Benzoic acid	7.939	122	56827	11.205	ng	Qvalue # 66

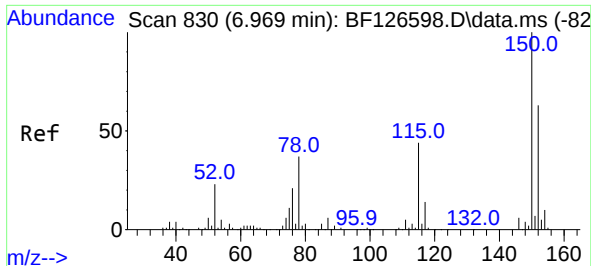
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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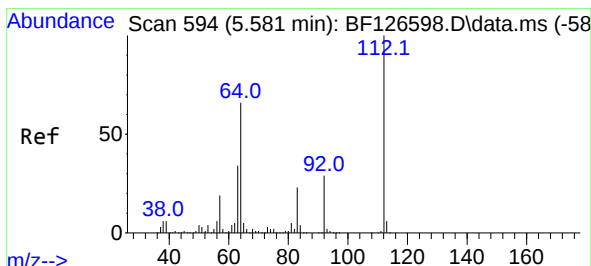
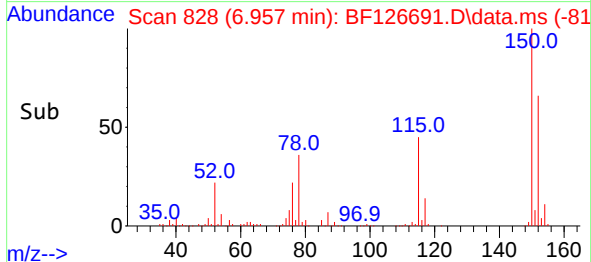
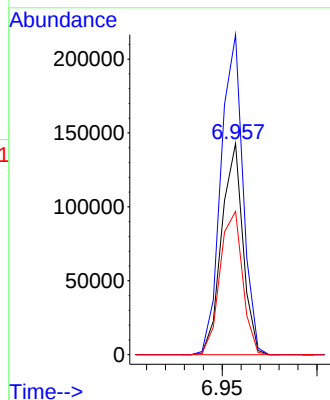
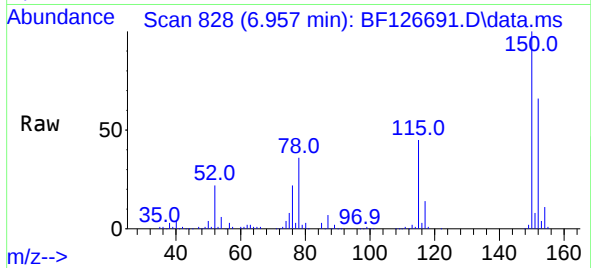




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

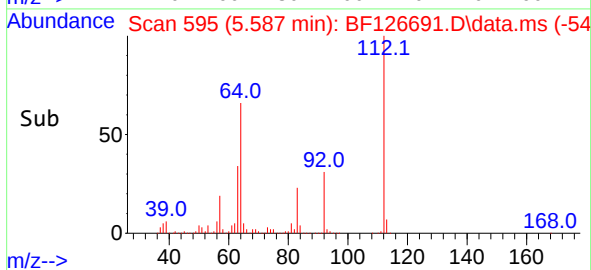
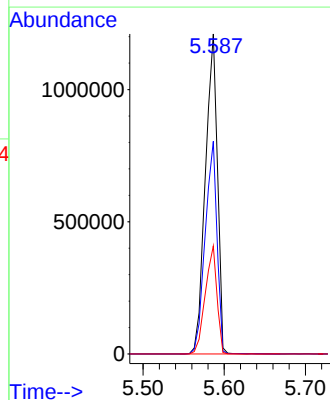
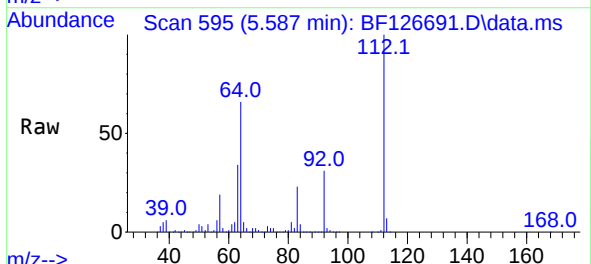
Instrument :
BNA_F
ClientSampleId :
D2-E2B

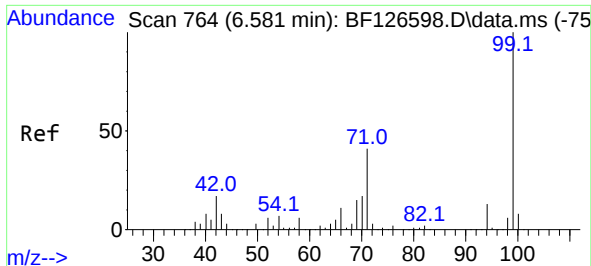
Tgt Ion:152 Resp: 111371
Ion Ratio Lower Upper
152 100
150 151.5 128.1 192.1
115 67.9 56.7 85.1



#5
2-Fluorophenol
Concen: 147.379 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:112 Resp: 1247343
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 33.7 23.9 35.9

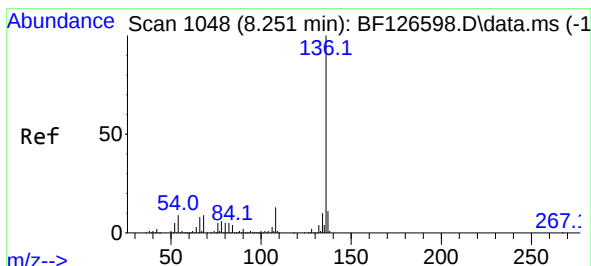
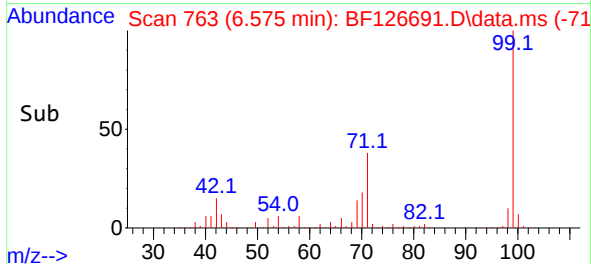
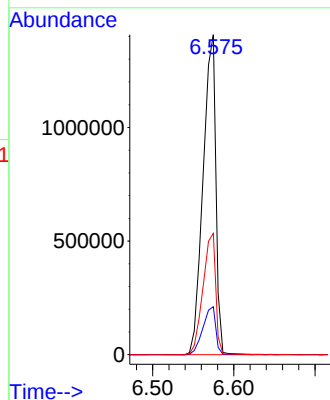
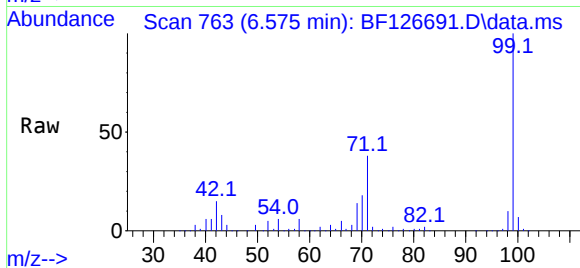




#7
Phenol-d6
Concen: 131.133 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

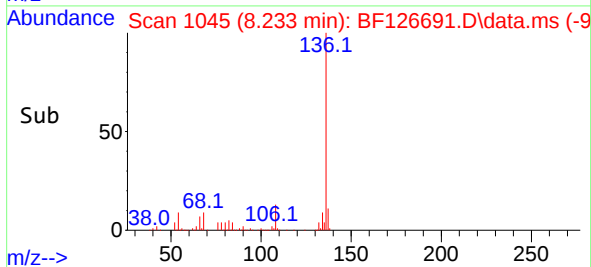
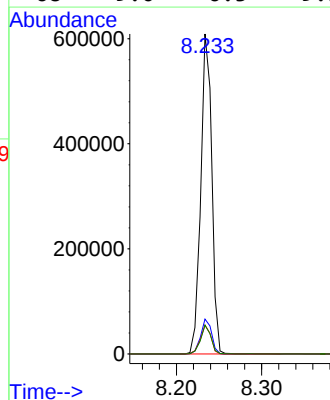
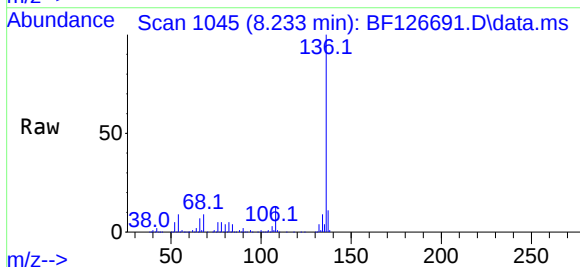
Instrument :
BNA_F
ClientSampleId :
D2-E2B

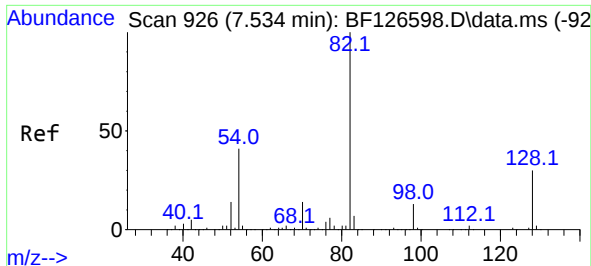
Tgt Ion: 99 Resp: 1541993
Ion Ratio Lower Upper
99 100
42 15.0 14.2 21.4
71 37.9 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:136 Resp: 547588
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.8 11.6
68 9.0 6.3 9.5

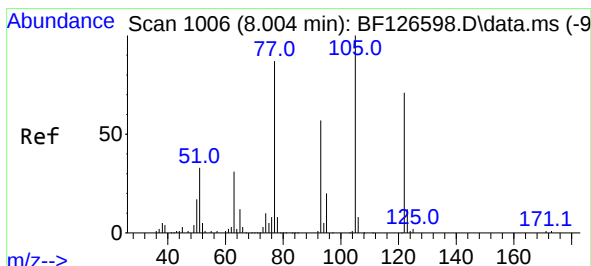
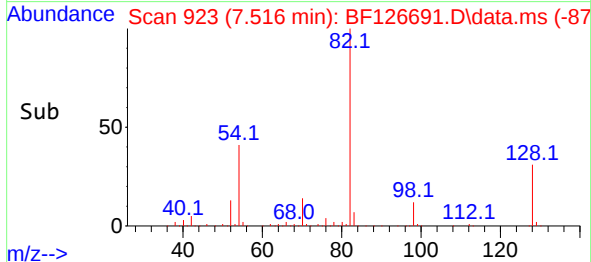
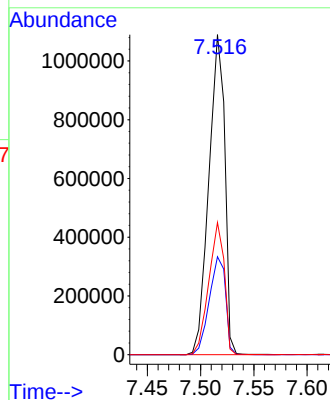
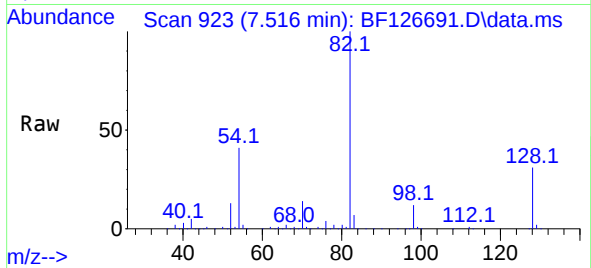




#23
Nitrobenzene-d5
Concen: 81.432 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

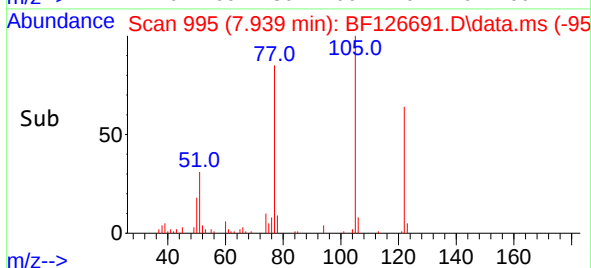
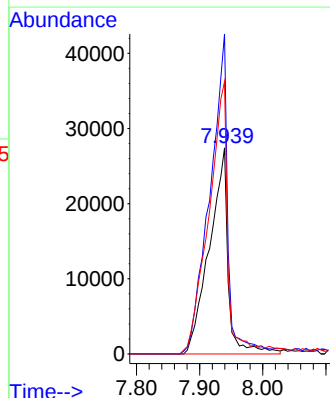
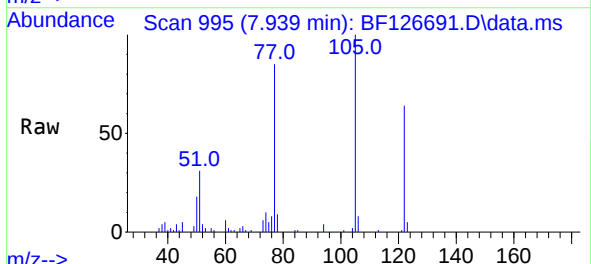
Instrument :
BNA_F
ClientSampleId :
D2-E2B

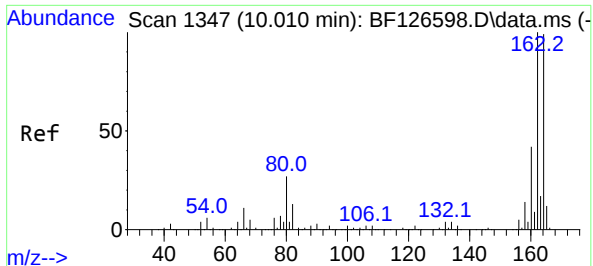
Tgt Ion: 82 Resp: 1139244
Ion Ratio Lower Upper
82 100
128 30.6 32.7 49.1#
54 41.3 41.7 62.5#



#32
Benzoic acid
Concen: 11.205 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.053 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:122 Resp: 56827
Ion Ratio Lower Upper
122 100
105 155.3 101.0 141.0#
77 132.2 74.5 114.5#

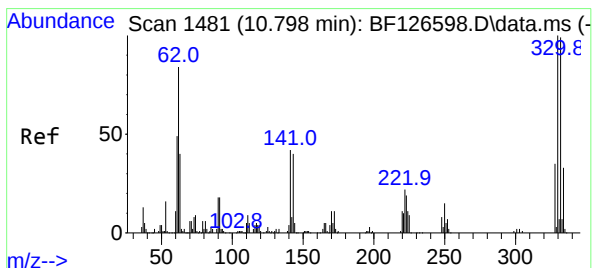
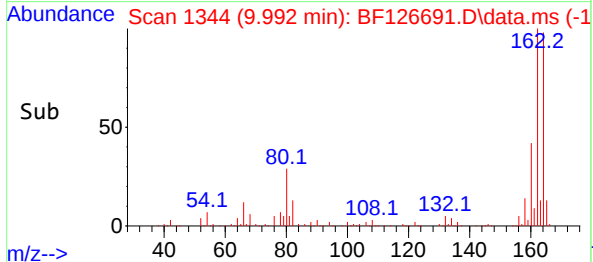
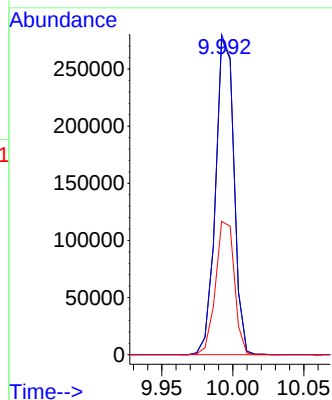
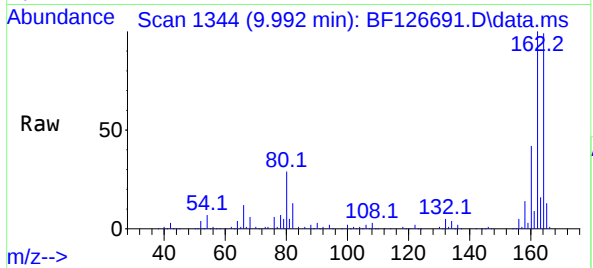




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

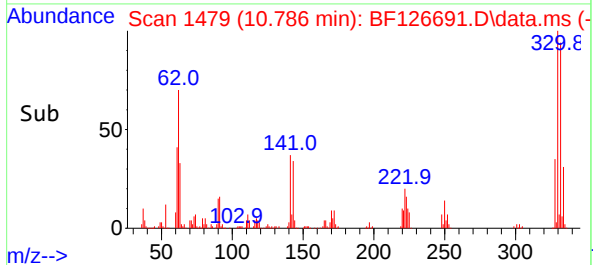
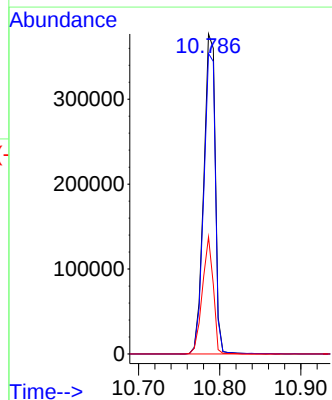
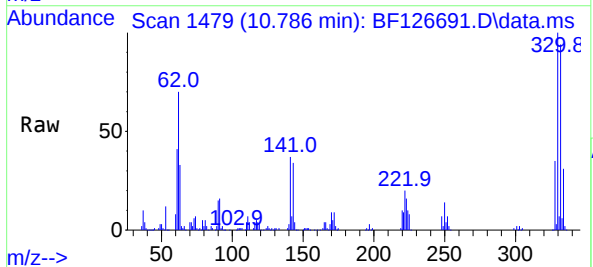
Instrument :
BNA_F
ClientSampleId :
D2-E2B

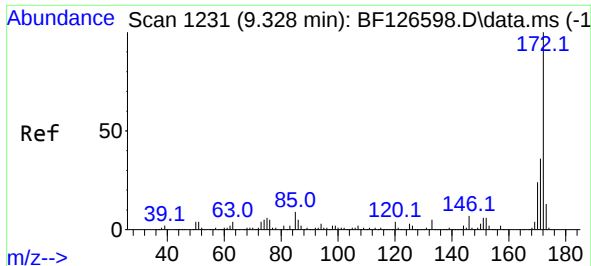
Tgt Ion:164 Resp: 248982
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 42.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 160.060 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:330 Resp: 372954
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 34.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 106.181 ng

RT: 9.316 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BF126691.D

Acq: 26 Jan 2022 17:24

Instrument :

BNA_F

ClientSampleId :

D2-E2B

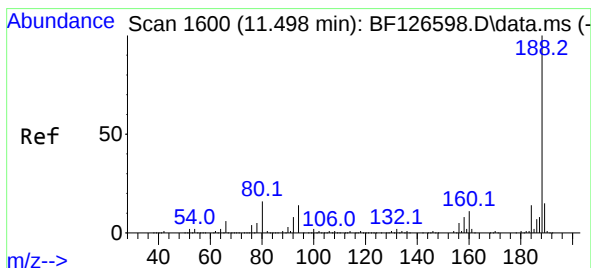
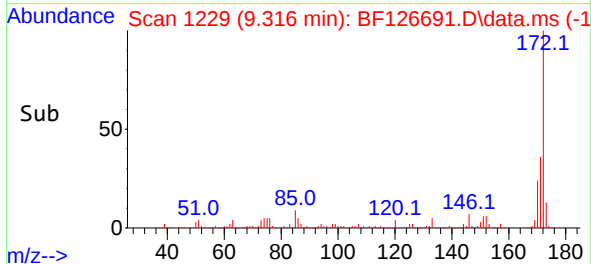
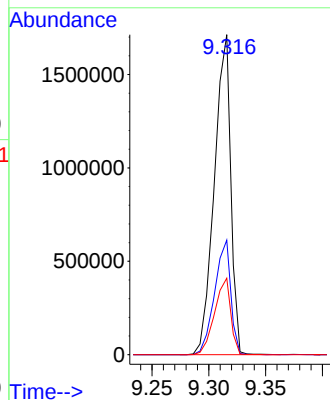
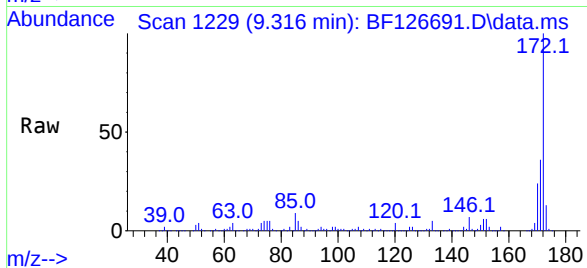
Tgt Ion:172 Resp: 1726233

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.9 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF126691.D

Acq: 26 Jan 2022 17:24

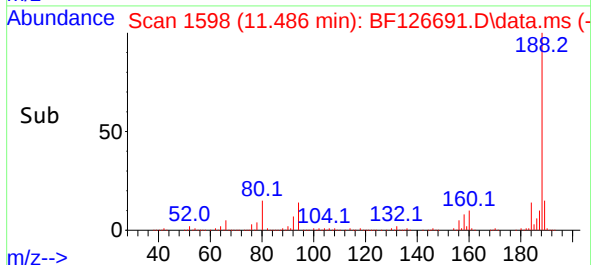
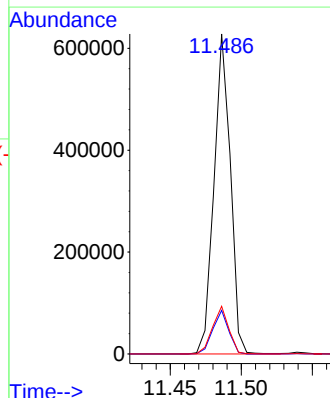
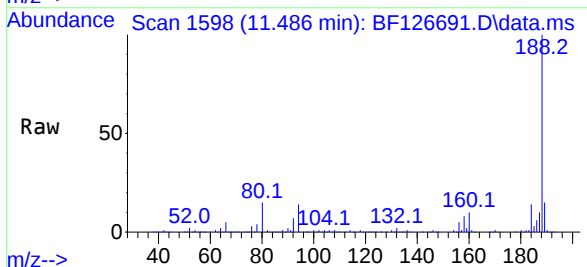
Tgt Ion:188 Resp: 504057

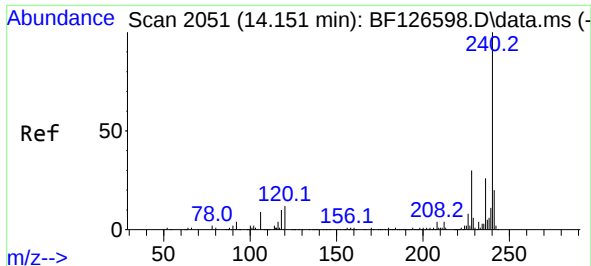
Ion Ratio Lower Upper

188 100

94 13.6 10.1 15.1

80 14.9 11.8 17.6

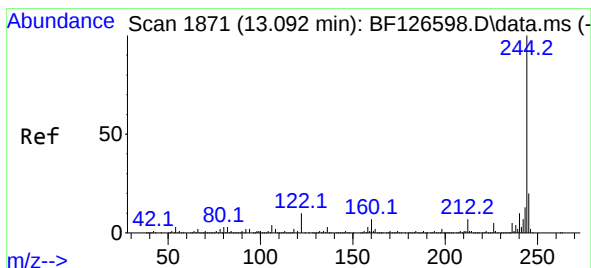
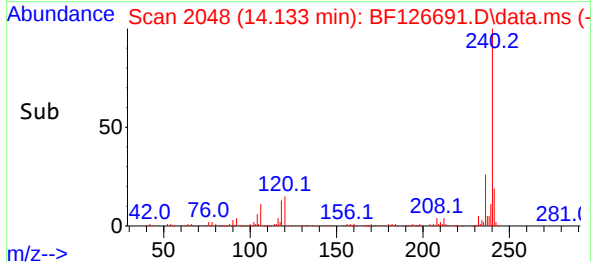
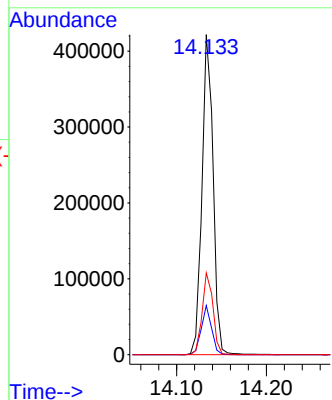
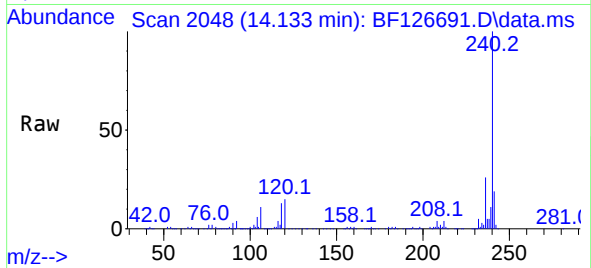




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

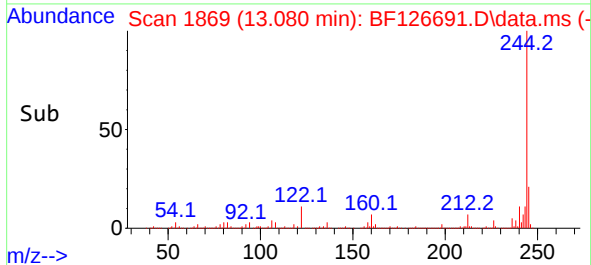
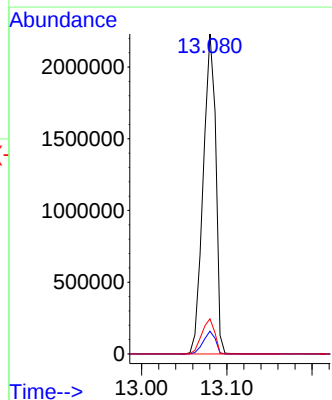
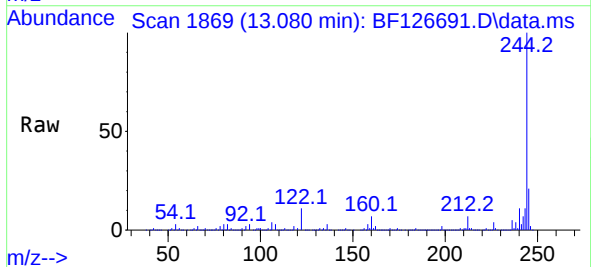
Instrument :
BNA_F
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D2-E2B

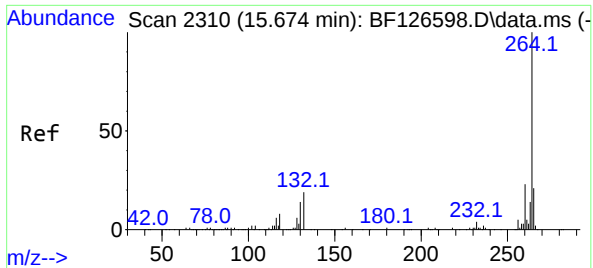
Tgt Ion:240 Resp: 362479
Ion Ratio Lower Upper
240 100
120 15.3 14.4 21.6
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 105.430 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:244 Resp: 2278481
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 11.0 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF126691.D
 Acq: 26 Jan 2022 17:24

Instrument :
 BNA_F
 ClientSampleId :
 D2-E2B

Tgt Ion:264 Resp: 215251

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	20.5	17.4	26.2

