

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124674.D
 Acq On : 21 Jul 2021 23:34
 Operator : JU/CG
 Sample : M3089-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R99997-(A-D)-(0-3)

Quant Time: Jul 22 01:31:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

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

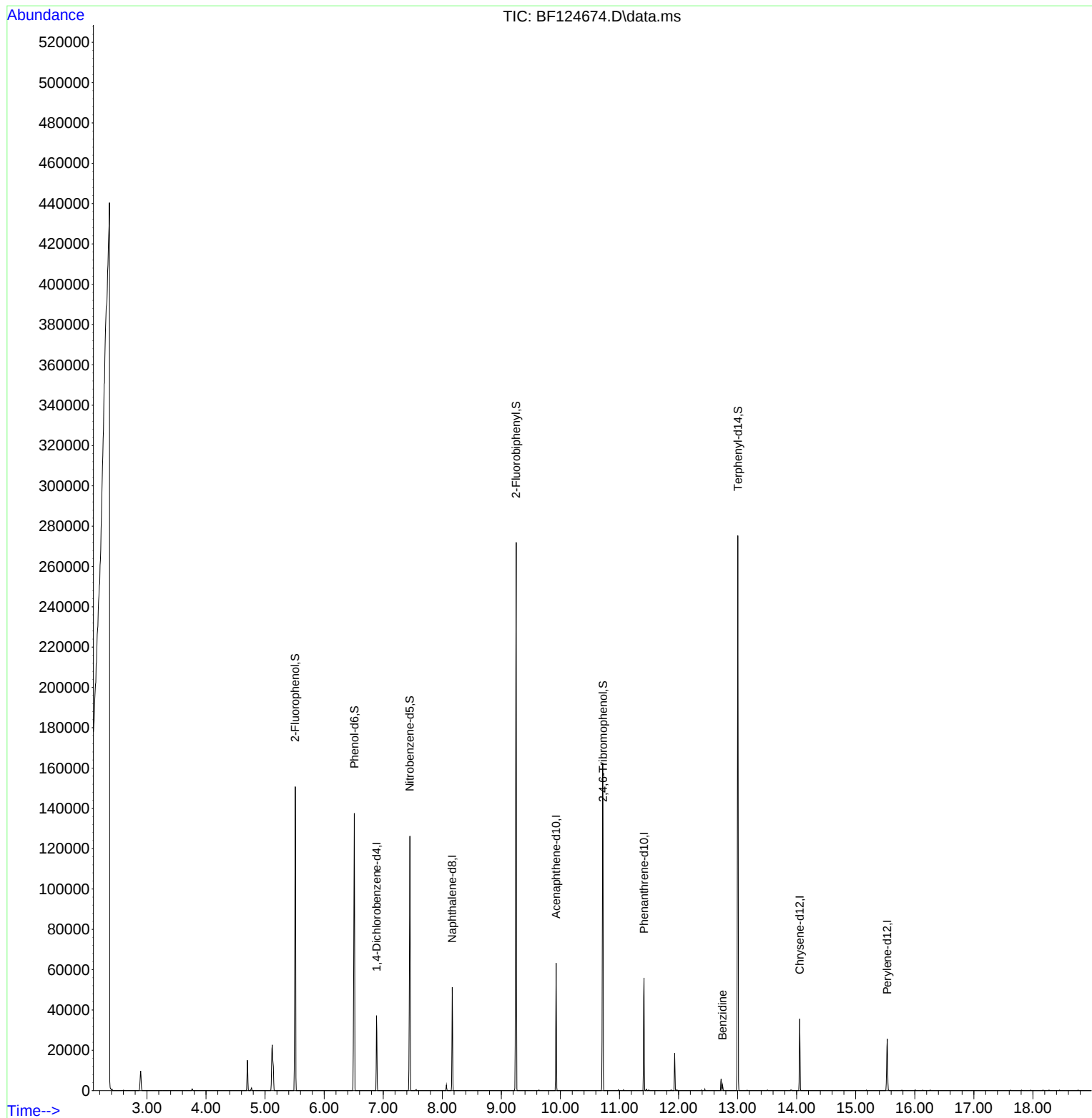
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	5627	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	21732	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	12072	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	20993	20.000	ng	0.00
76) Chrysene-d12	14.051	240	13252	20.000	ng	-0.01
86) Perylene-d12	15.533	264	13254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	43811	134.896	ng	0.00
7) Phenol-d6	6.510	99	47020	119.010	ng	-0.01
23) Nitrobenzene-d5	7.451	82	35419	102.885	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	16172	172.148	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	82312	99.429	ng	0.00
79) Terphenyl-d14	13.004	244	89785	113.770	ng	0.00
Target Compounds						
77) Benzidine	12.745	184	1679	3.389	ng	Qvalue # 82

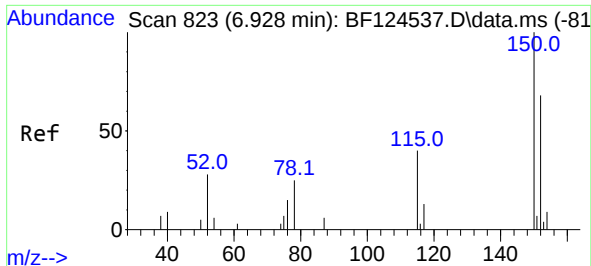
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124674.D
Acq On : 21 Jul 2021 23:34
Operator : JU/CG
Sample : M3089-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

Quant Time: Jul 22 01:31:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

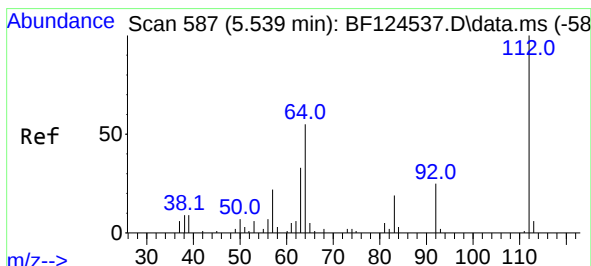
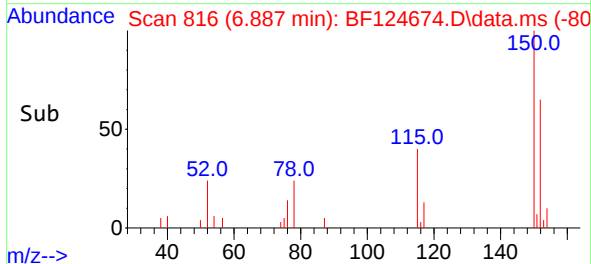
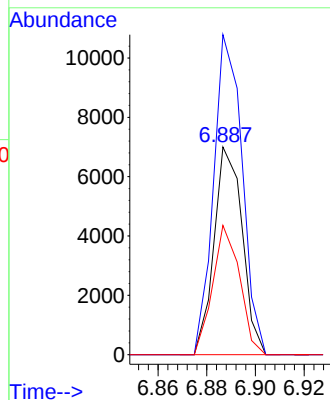
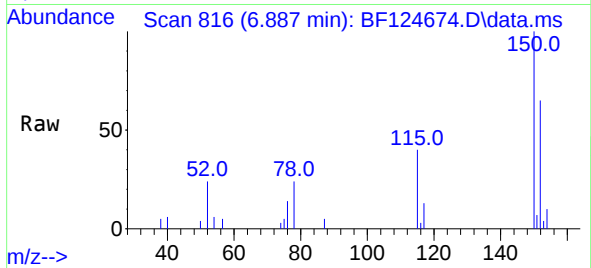




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

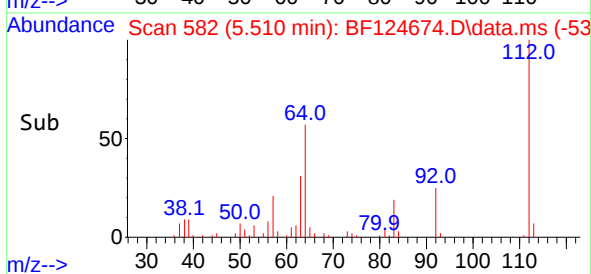
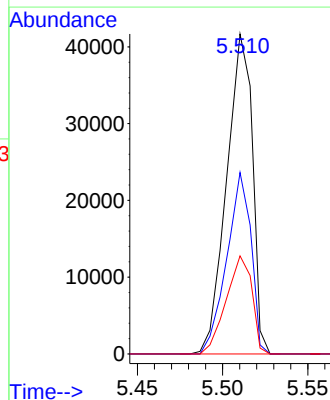
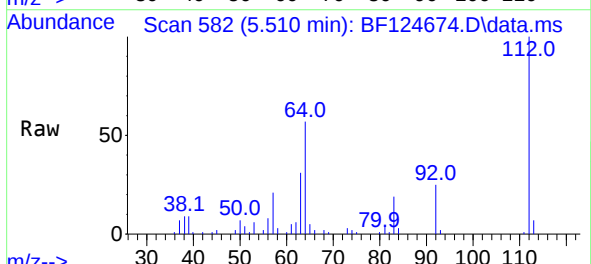
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

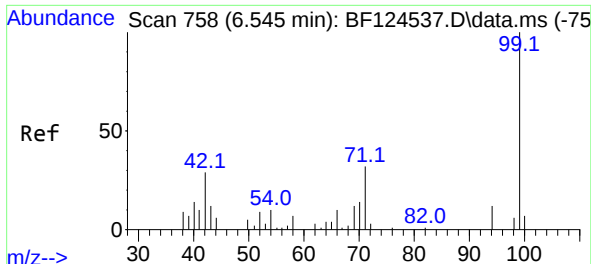
Tgt Ion:152 Resp: 5627
Ion Ratio Lower Upper
152 100
150 154.1 117.6 176.4
115 62.2 47.1 70.7



#5
2-Fluorophenol
Concen: 134.896 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

Tgt Ion:112 Resp: 43811
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.2
63 30.6 26.2 39.2

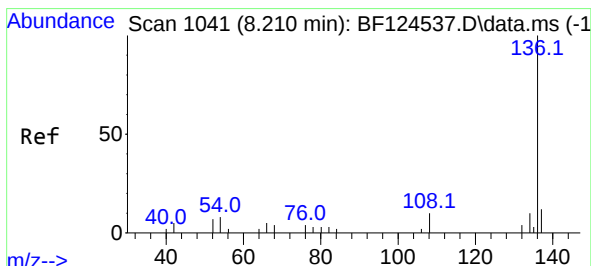
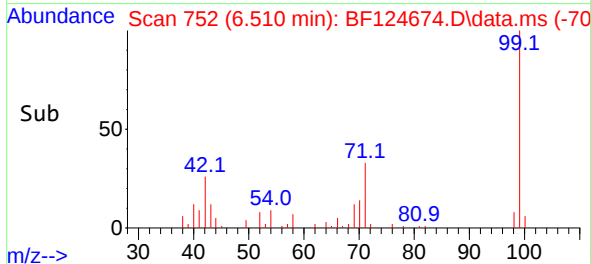
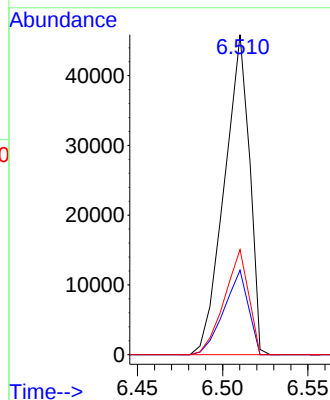
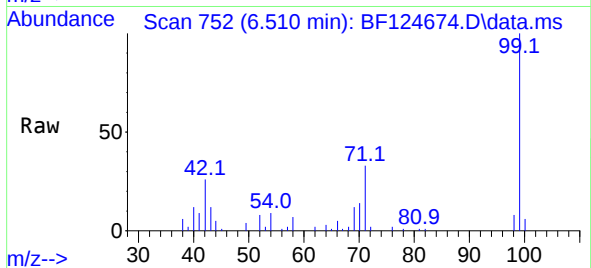




#7
Phenol-d6
Concen: 119.010 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

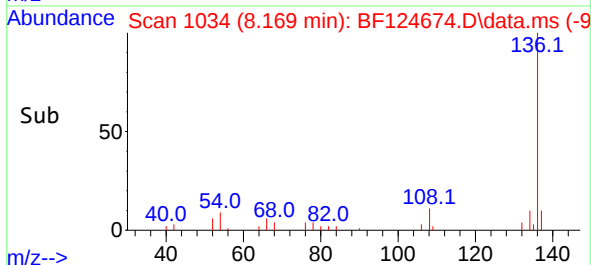
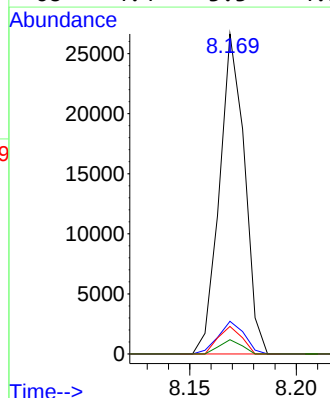
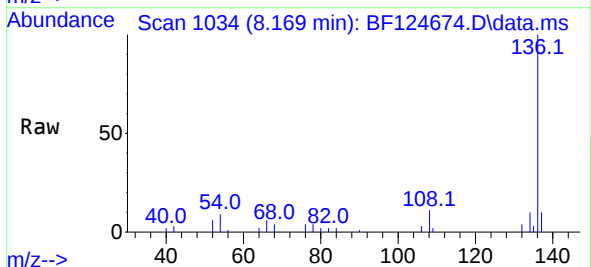
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

Tgt Ion: 99 Resp: 47020
Ion Ratio Lower Upper
99 100
42 26.4 23.5 35.3
71 32.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

Tgt Ion: 136 Resp: 21732
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 8.6 6.4 9.6
68 4.4 3.3 4.9

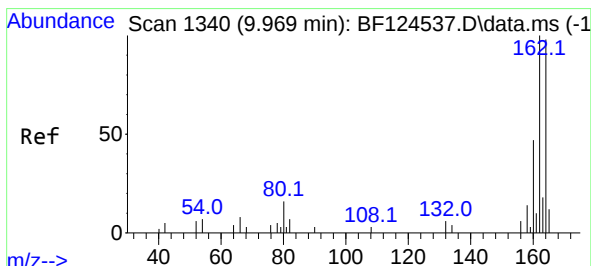
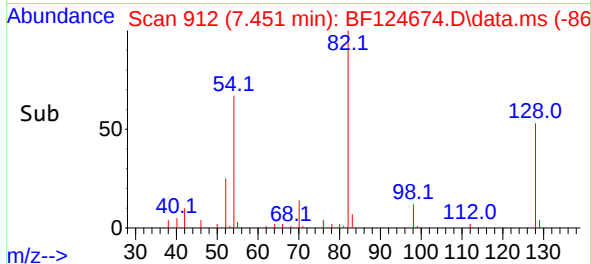
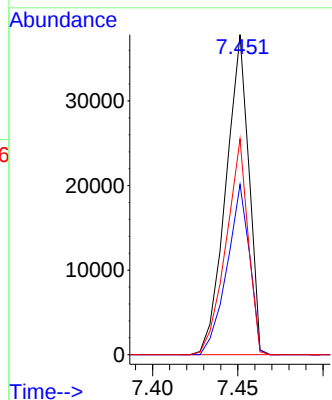
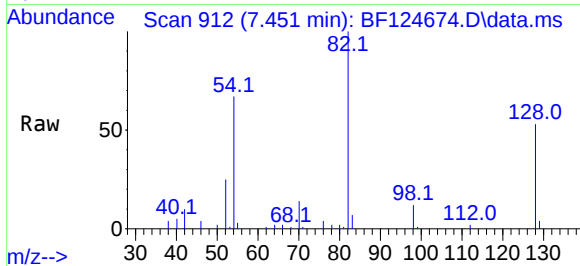




#23
Nitrobenzene-d5
Concen: 102.885 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

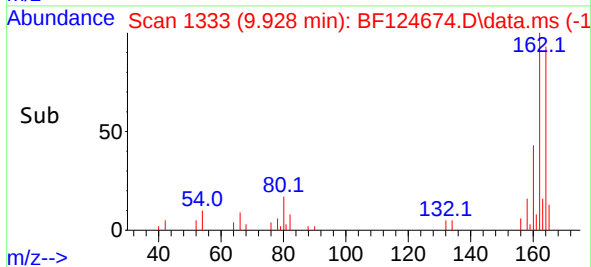
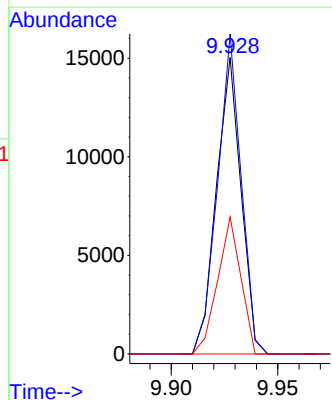
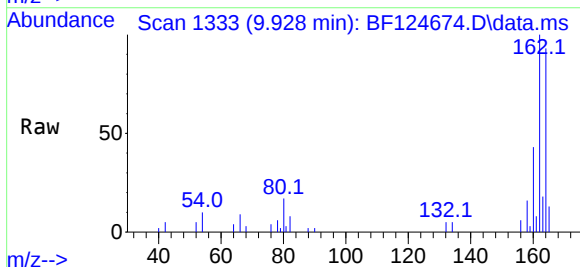
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

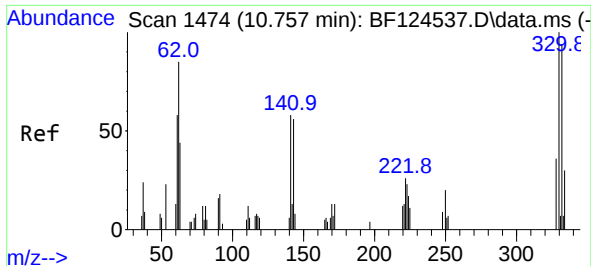
Tgt Ion: 82 Resp: 35419
Ion Ratio Lower Upper
82 100
128 53.2 40.6 60.8
54 67.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

Tgt Ion: 164 Resp: 12072
Ion Ratio Lower Upper
164 100
162 108.0 81.3 121.9
160 46.2 38.0 57.0

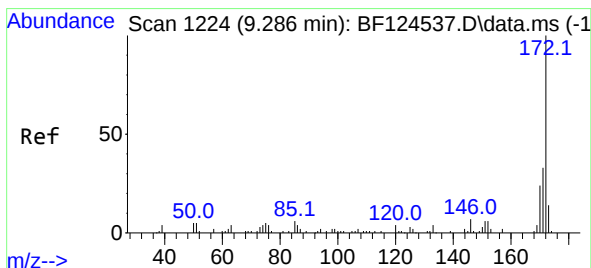
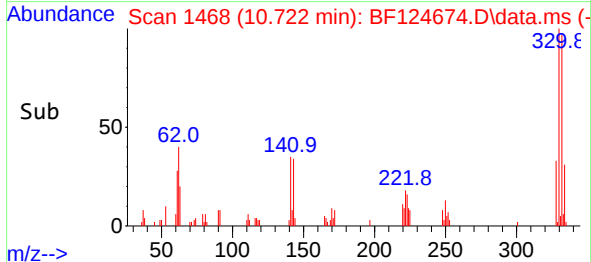
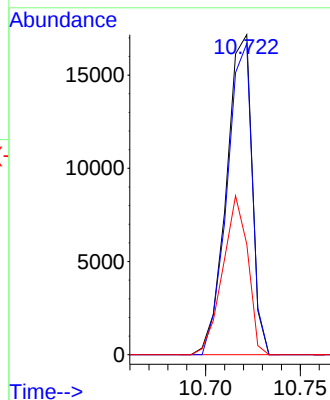
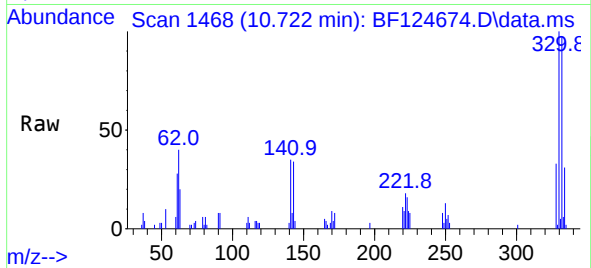




#42
2,4,6-Tribromophenol
Concen: 172.148 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

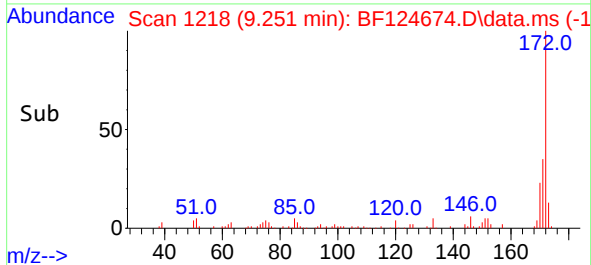
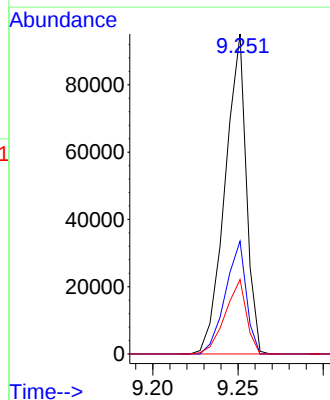
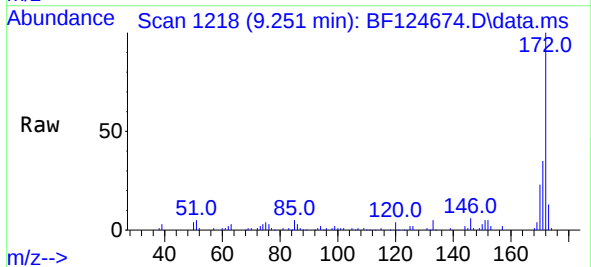
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

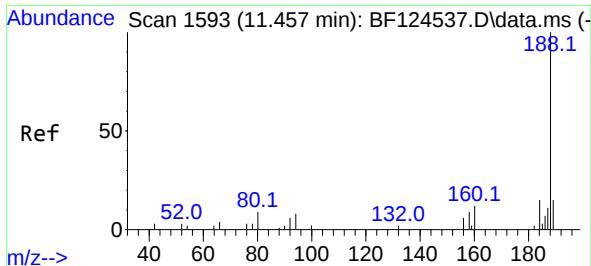
Tgt Ion: 330 Resp: 16172
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 48.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 99.429 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

Tgt Ion: 172 Resp: 82312
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.3 18.8 28.2

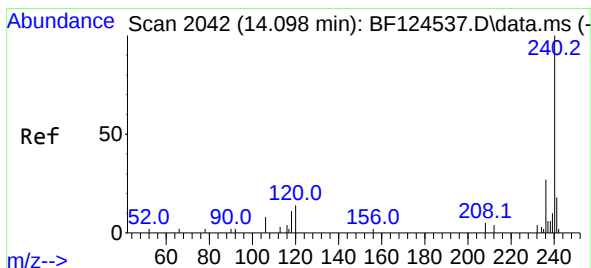
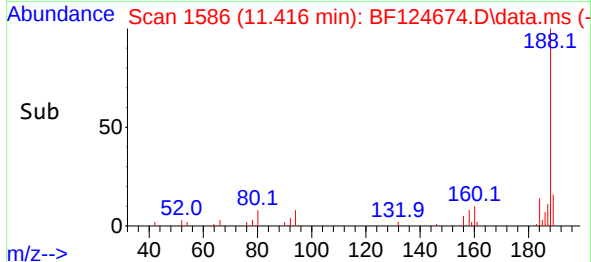
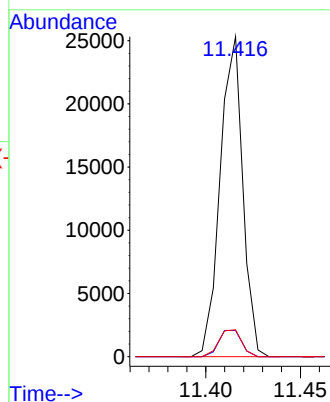
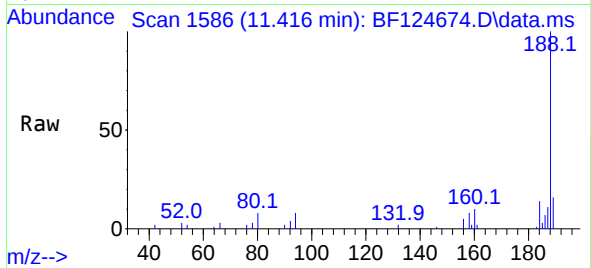




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

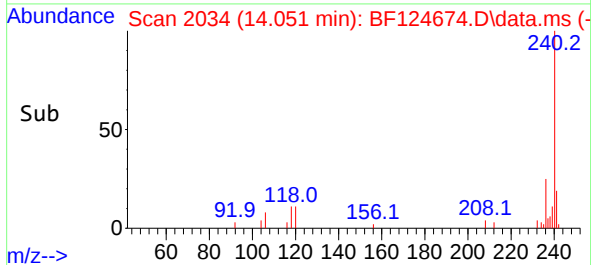
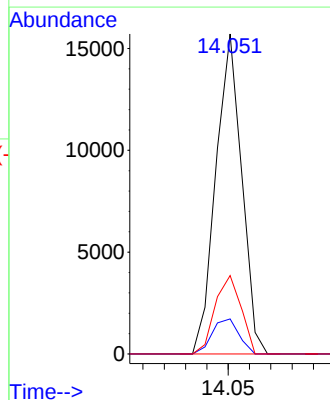
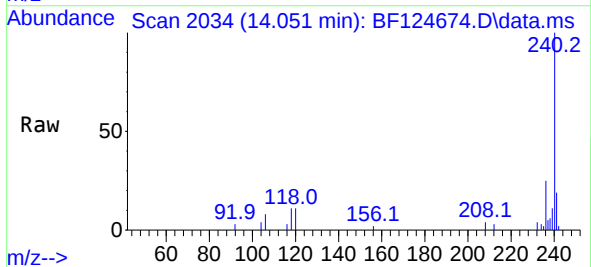
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

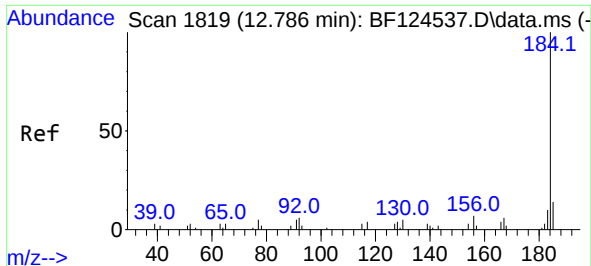
Tgt Ion:188	Resp:	20993
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.7 10.1
80	8.4	7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

Tgt Ion:240	Resp:	13252
Ion Ratio	Lower	Upper
240	100	
120	11.0	10.8 16.2
236	24.5	21.6 32.4

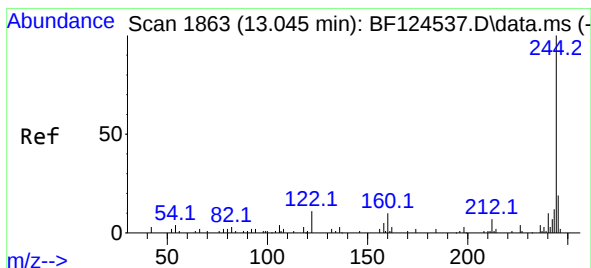
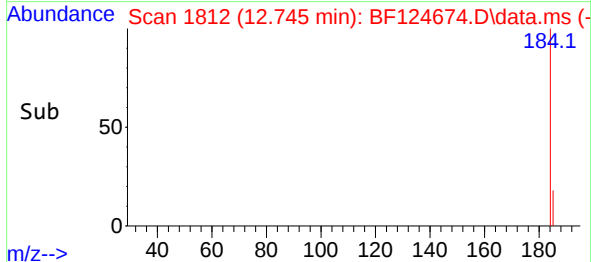
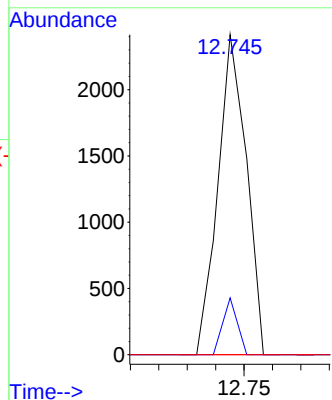
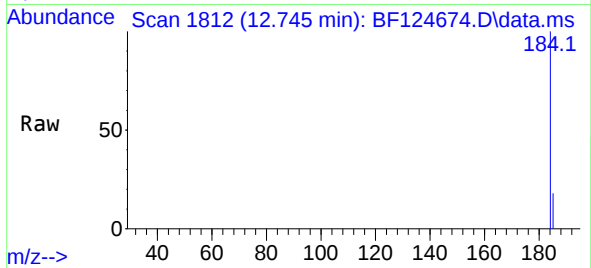




#77
Benzidine
Concen: 3.389 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

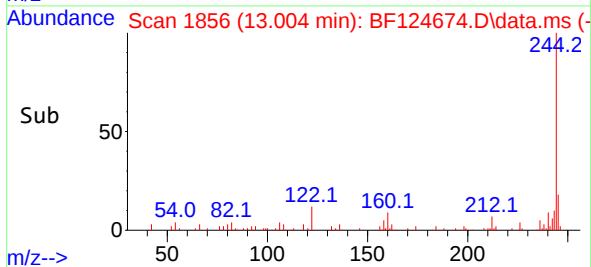
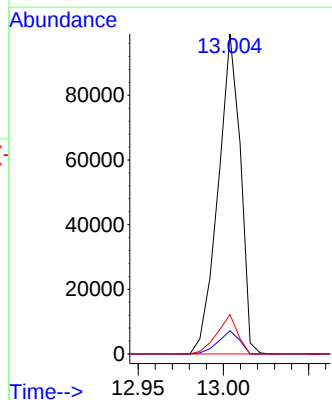
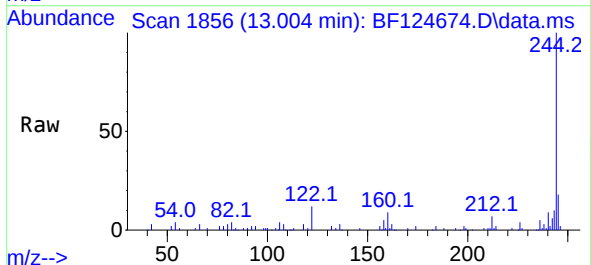
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

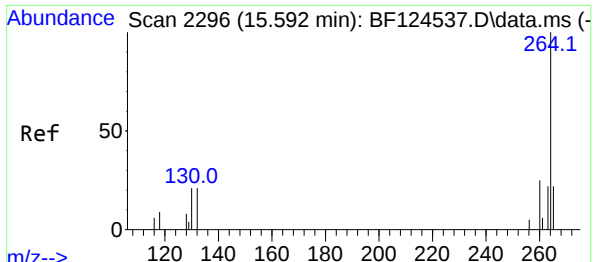
Tgt Ion:184	Resp:	1679
Ion	Ratio	Lower Upper
184	100	
185	17.8	10.8 16.2#
183	0.0	8.1 12.1#



#79
Terphenyl-d14
Concen: 113.770 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

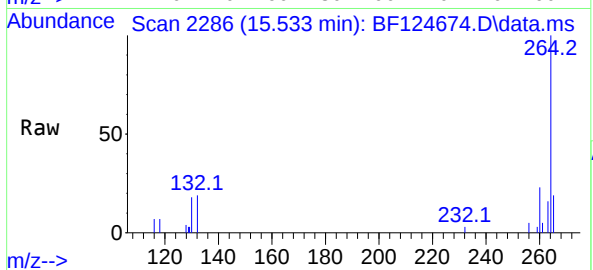
Tgt Ion:244	Resp:	89785
Ion	Ratio	Lower Upper
244	100	
212	7.2	5.9 8.9
122	12.3	9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF124674.D
Acq: 21 Jul 2021 23:34

Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)



Tgt Ion:	264	Resp:	13254
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	19.4	17.2	25.8

