

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124676.D
 Acq On : 22 Jul 2021 00:39
 Operator : JU/CG
 Sample : M3089-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-N2-(A-D)-(0-12)

Quant Time: Jul 22 01:31:28 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)

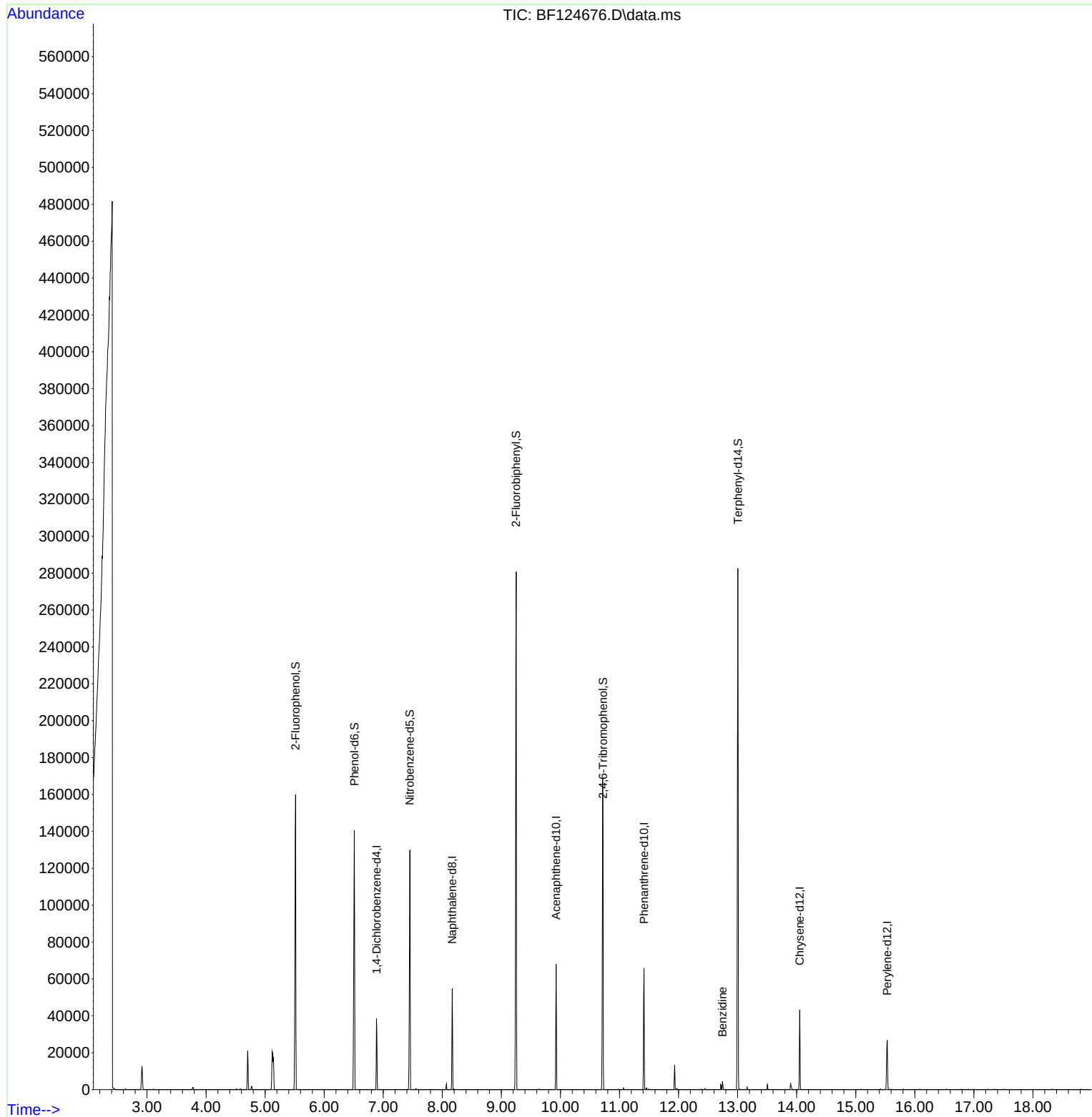
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	5925	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	23230	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	13131	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	23822	20.000	ng	0.00
76) Chrysene-d12	14.051	240	14783	20.000	ng	-0.01
86) Perylene-d12	15.533	264	13940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	44441	129.953	ng	0.00
7) Phenol-d6	6.510	99	47589	114.392	ng	-0.01
23) Nitrobenzene-d5	7.451	82	37469	101.821	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	17150	167.835	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	87438	97.103	ng	0.00
79) Terphenyl-d14	13.004	244	99315	112.812	ng	0.00
Target Compounds						
77) Benzidine	12.745	184	2773	5.018	ng	Qvalue 95

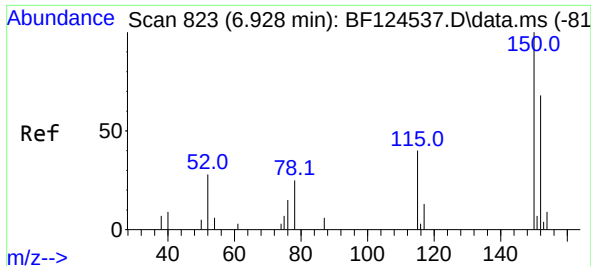
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124676.D
Acq On : 22 Jul 2021 00:39
Operator : JU/CG
Sample : M3089-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

Quant Time: Jul 22 01:31:28 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

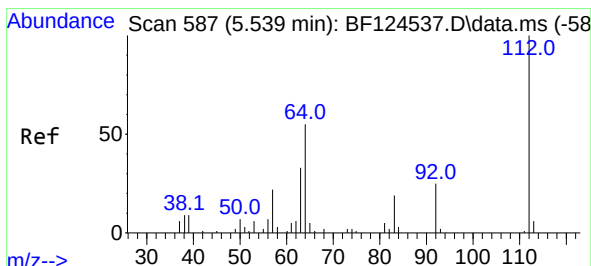
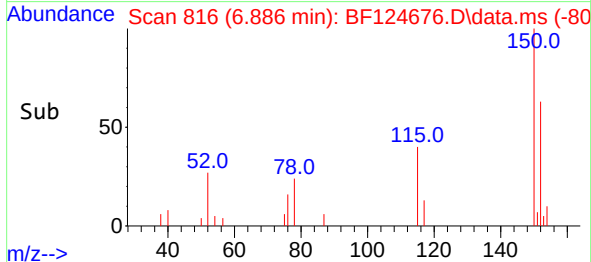
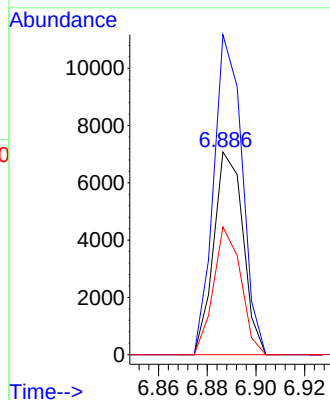
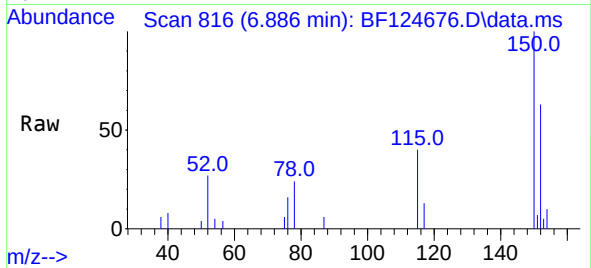




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

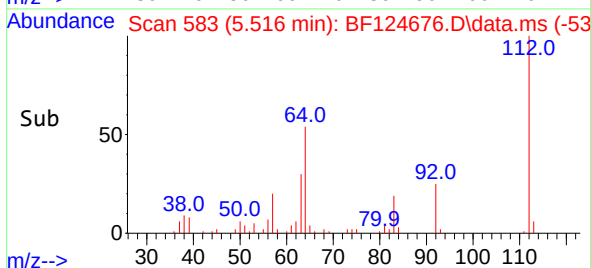
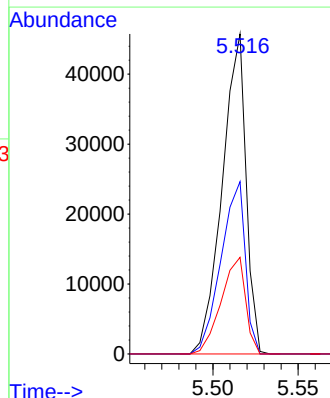
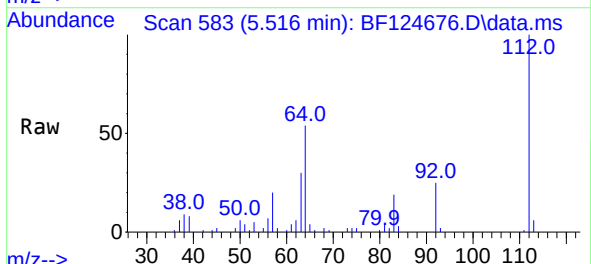
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

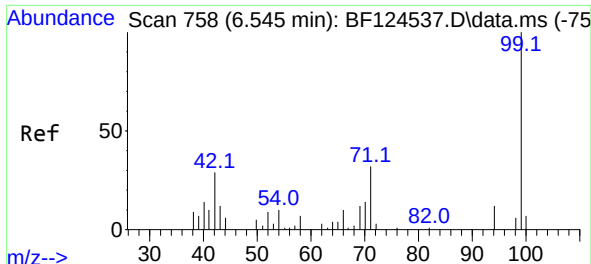
Tgt Ion:152 Resp: 5925
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 129.953 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

Tgt Ion:112 Resp: 44441
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 30.2 26.2 39.2



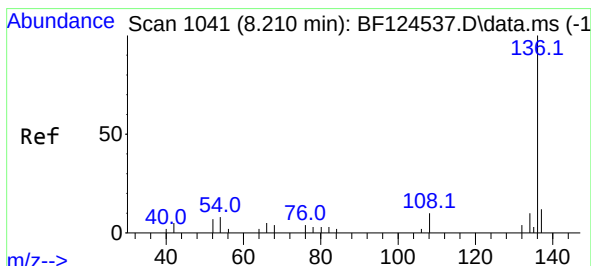
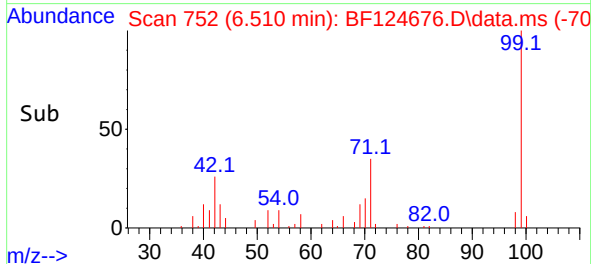
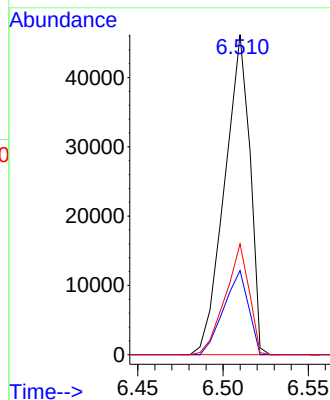
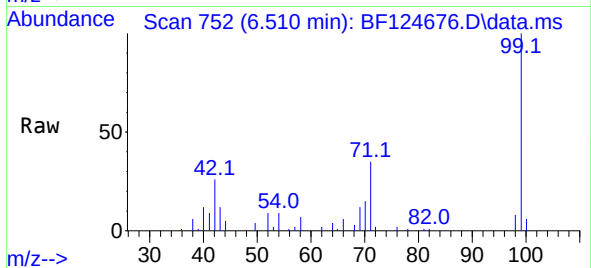


#7
Phenol-d6
Concen: 114.392 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

Tgt Ion: 99 Resp: 47589

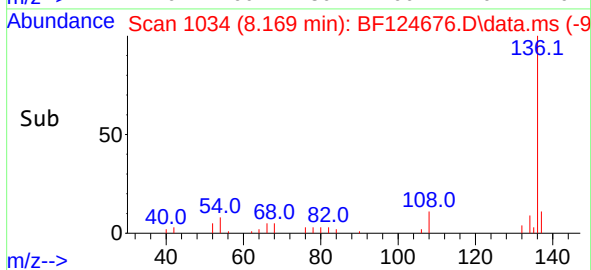
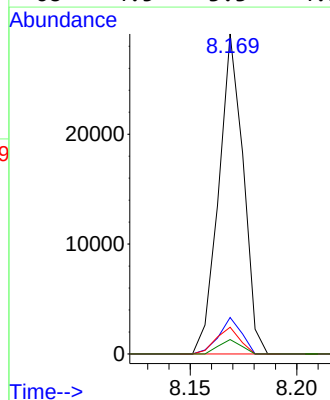
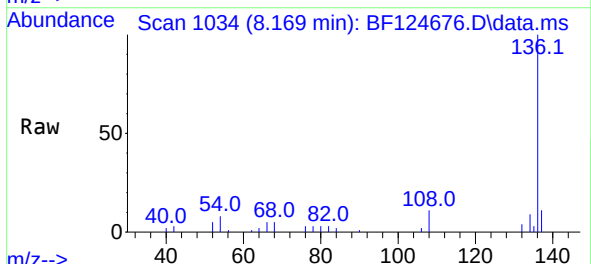
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	34.6	25.6	38.4

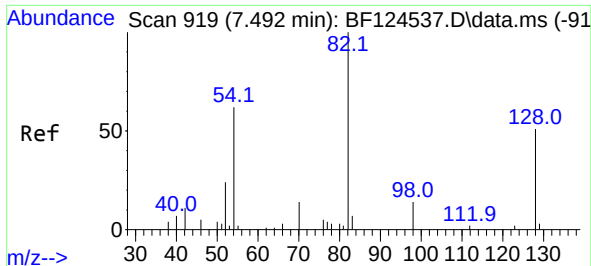


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

Tgt Ion: 136 Resp: 23230

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	8.3	6.4	9.6
68	4.5	3.3	4.9

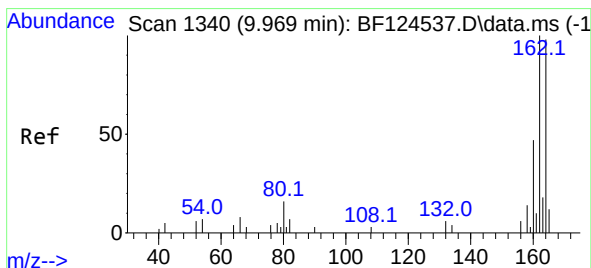
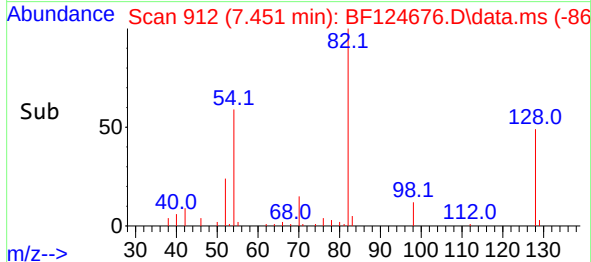
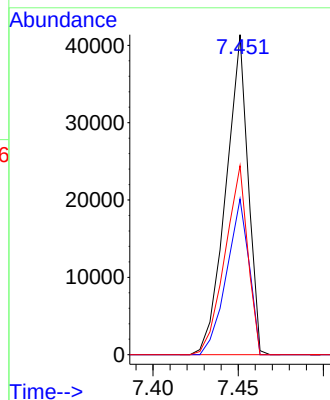
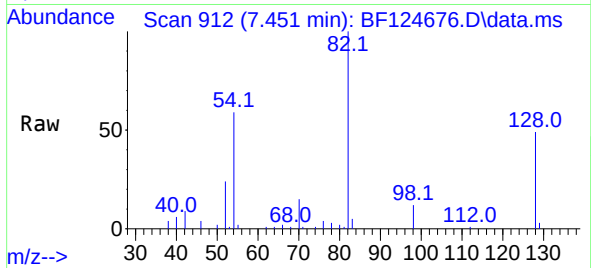




#23
Nitrobenzene-d5
Concen: 101.821 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

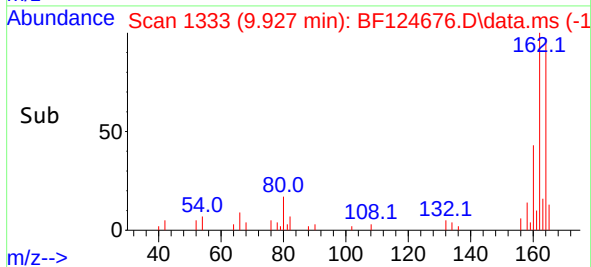
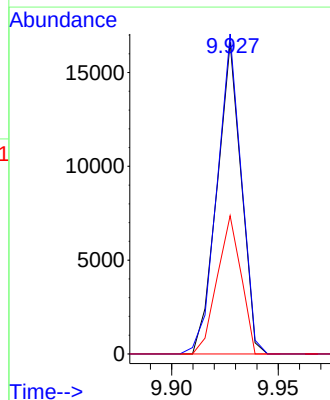
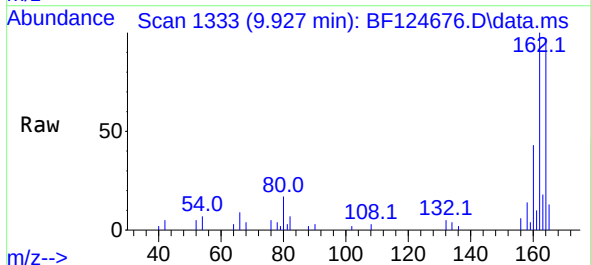
Tgt Ion: 82 Resp: 37469
Ion Ratio Lower Upper
82 100
128 48.7 40.6 60.8
54 59.1 49.6 74.4

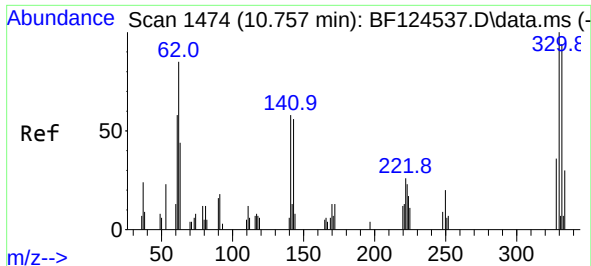
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

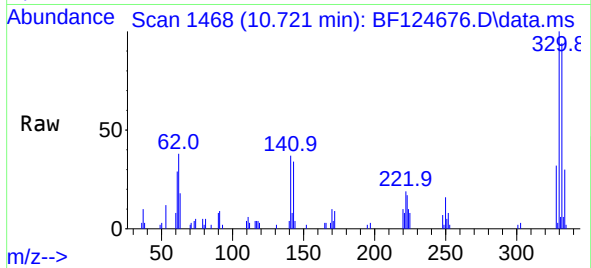
Tgt Ion:164 Resp: 13131
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 44.3 38.0 57.0



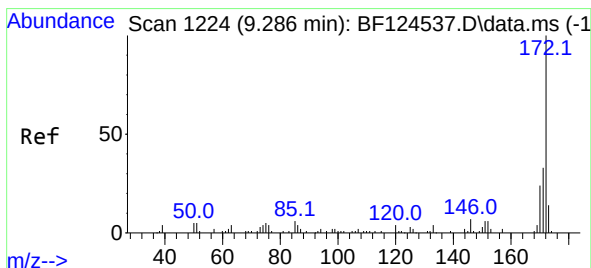
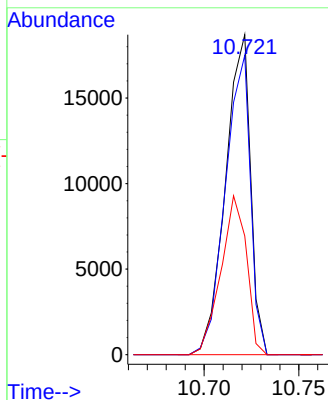
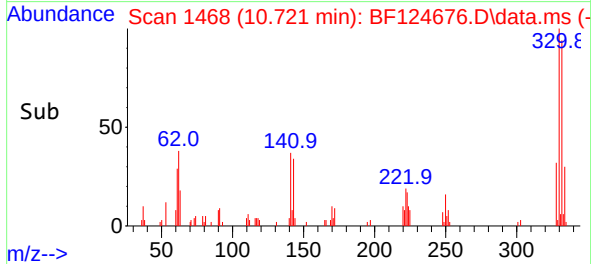


#42
2,4,6-Tribromophenol
Concen: 167.835 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

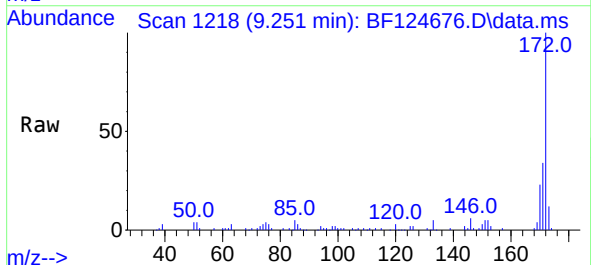
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)



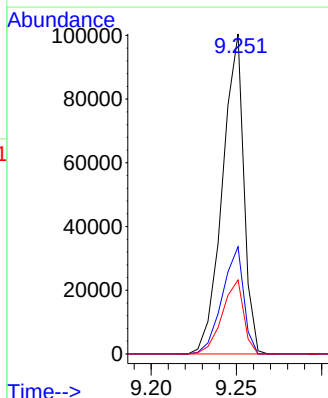
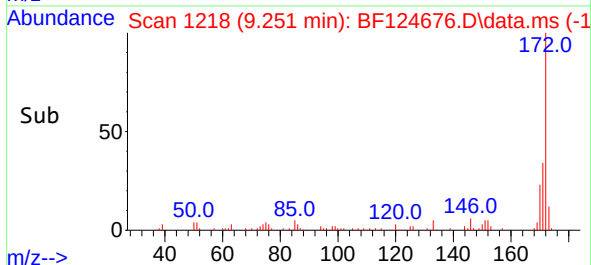
Tgt Ion:330 Resp: 17150
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 51.0 44.6 66.8

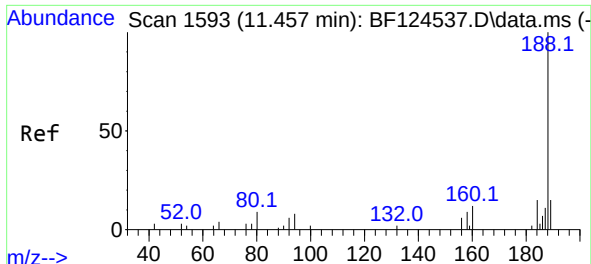


#45
2-Fluorobiphenyl
Concen: 97.103 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39



Tgt Ion:172 Resp: 87438
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.1 18.8 28.2

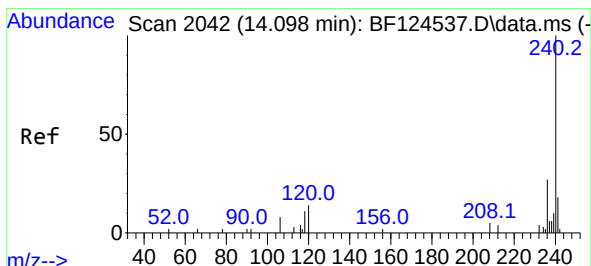
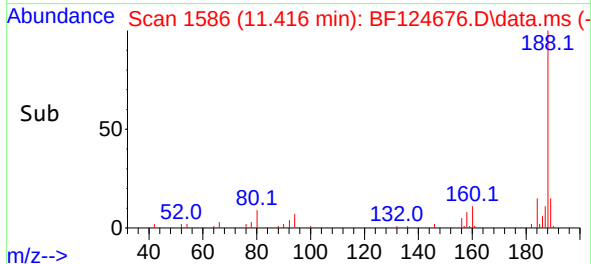
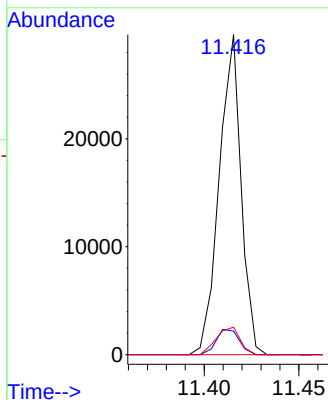
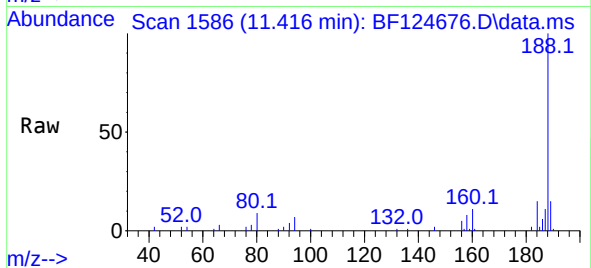




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

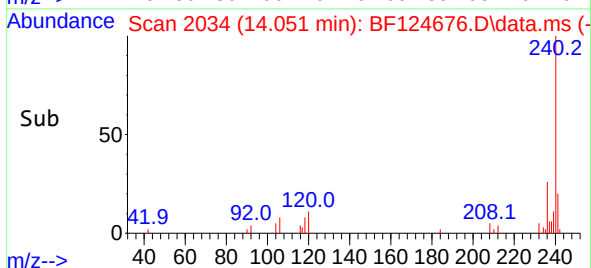
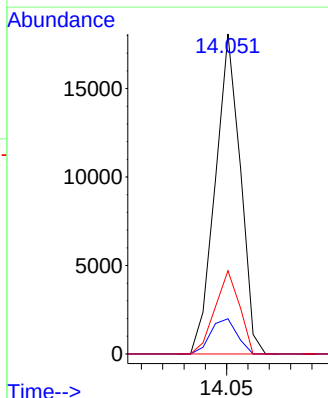
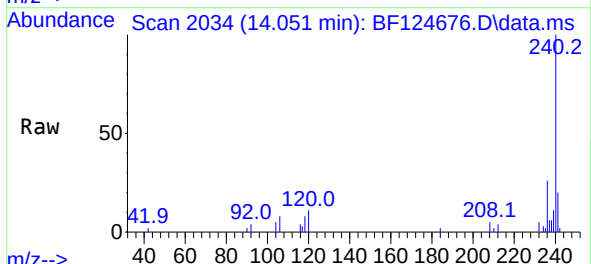
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

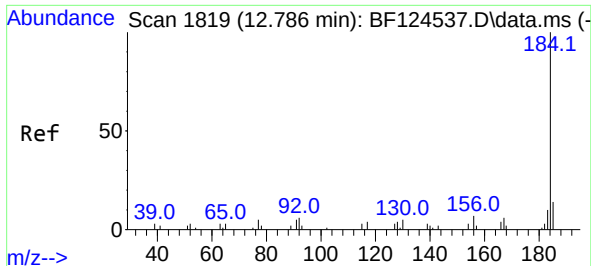
Tgt Ion:188 Resp: 23822
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

Tgt Ion:240 Resp: 14783
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 26.0 21.6 32.4

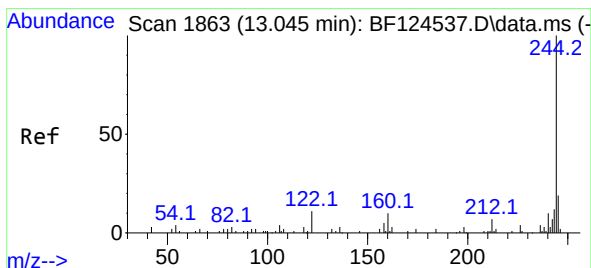
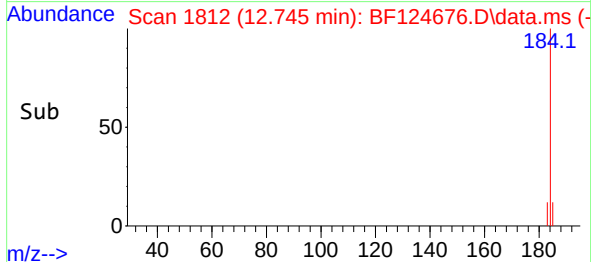
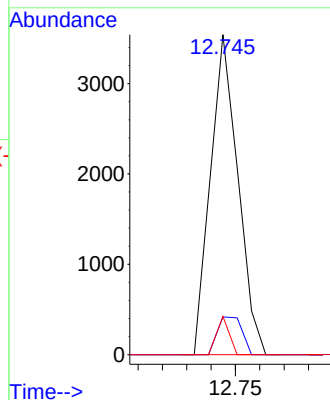
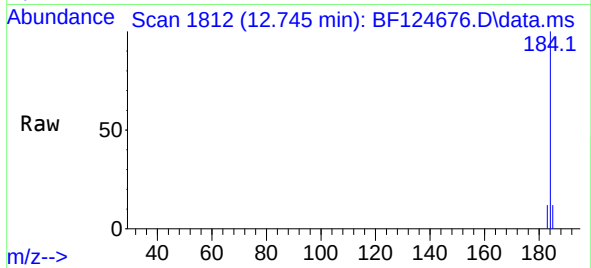




#77
Benzidine
Concen: 5.018 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

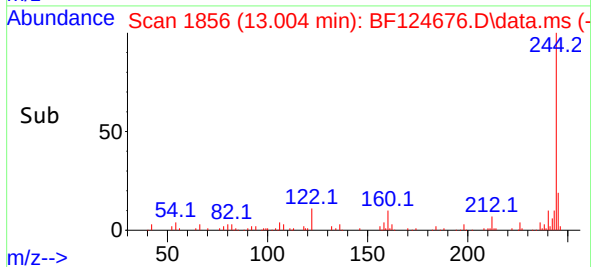
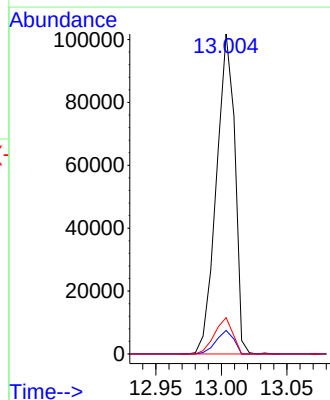
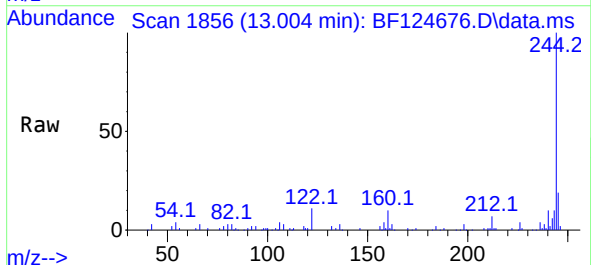
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

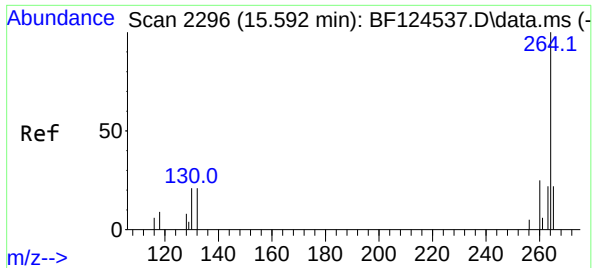
Tgt Ion:184	Resp:	2773	
Ion	Ratio	Lower	Upper
184	100		
185	11.8	10.8	16.2
183	11.9	8.1	12.1



#79
Terphenyl-d14
Concen: 112.812 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124676.D
Acq: 22 Jul 2021 00:39

Tgt Ion:244	Resp:	99315	
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.3	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: BF124676.D
Acq: 22 Jul 2021 00:39

Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

Tgt Ion:264	Resp:	13940
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.6 29.4
265	19.1	17.2 25.8

