

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124044.D
 Acq On : 24 May 2021 18:46
 Operator : JU/CG
 Sample : M2479-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIXED-SUBBASE-GROUND-1-15-D

Quant Time: May 25 01:29:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

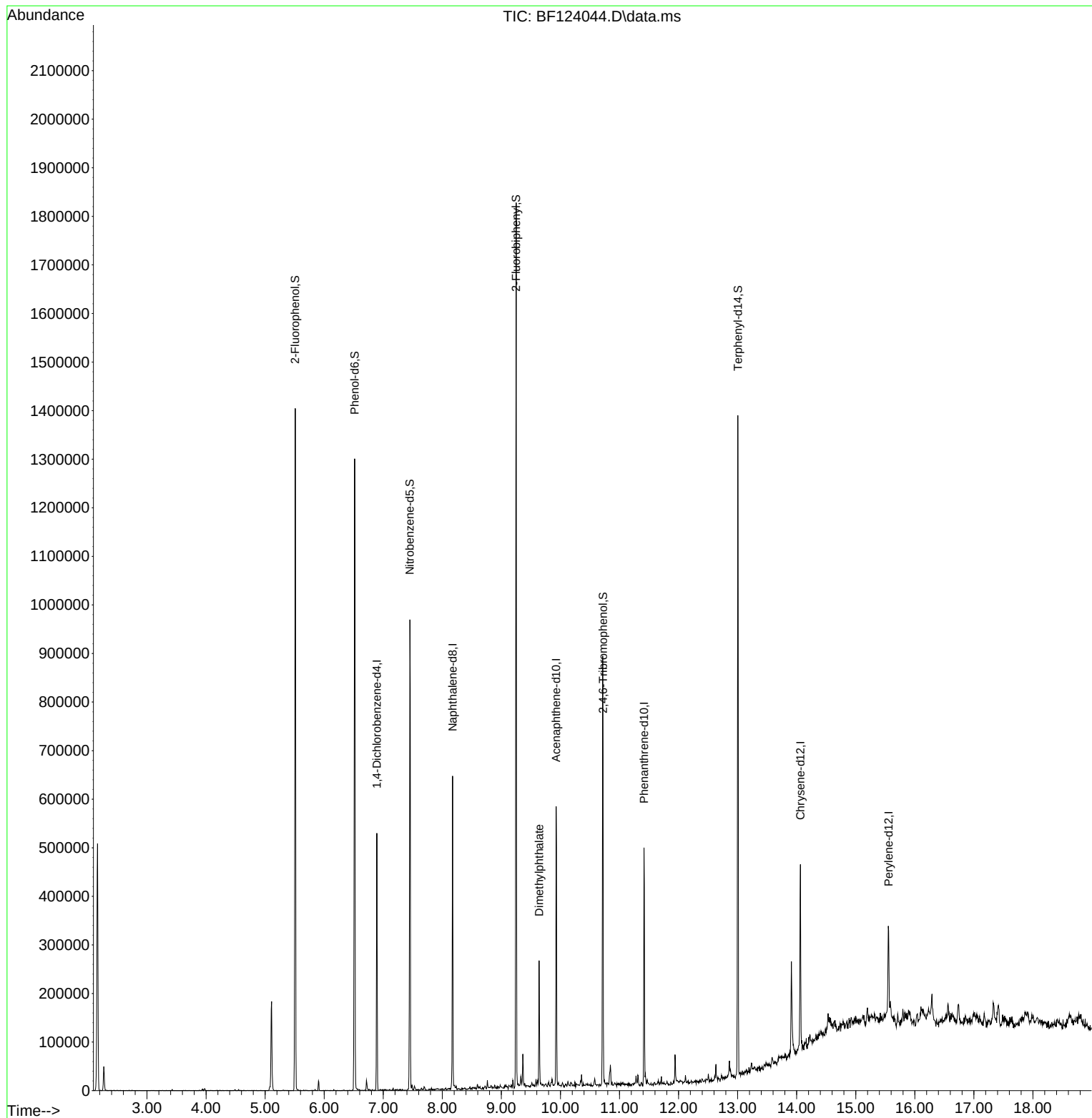
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	57181	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	208695	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	103500	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	157538	20.00	ng	-0.01
76) Chrysene-d12	14.062	240	117008	20.00	ng	0.00
86) Perylene-d12	15.556	264	75292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	302852	74.36	ng	0.00
7) Phenol-d6	6.516	99	371420	70.30	ng	0.00
23) Nitrobenzene-d5	7.451	82	280919	58.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	84658	68.10	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	446376	53.07	ng	-0.01
79) Terphenyl-d14	13.004	244	394803	51.10	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.639	163	74118	8.97	ng	Qvalue # 95

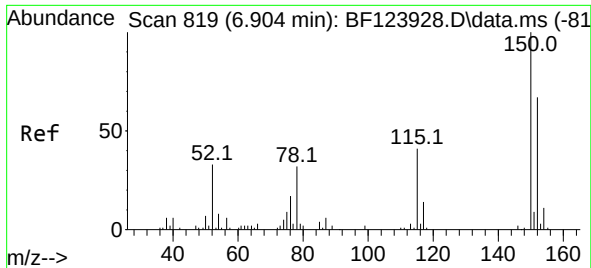
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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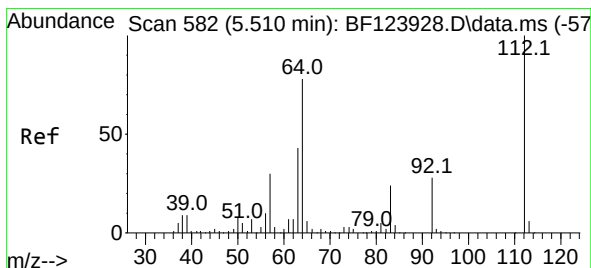
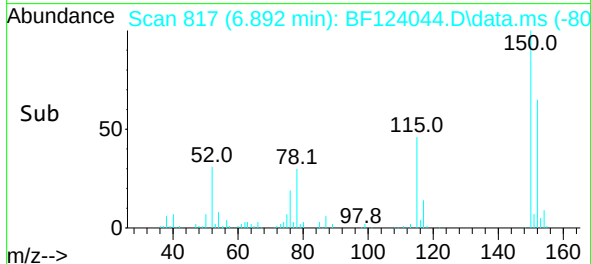
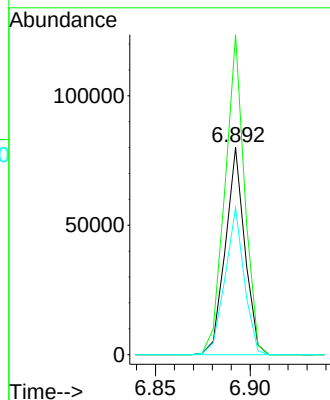
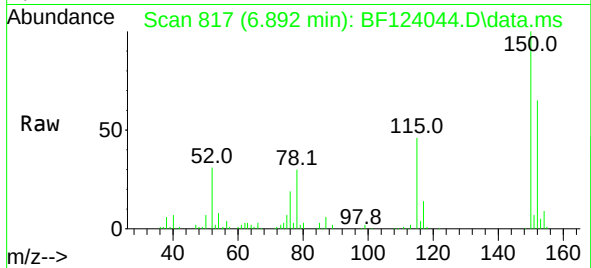




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

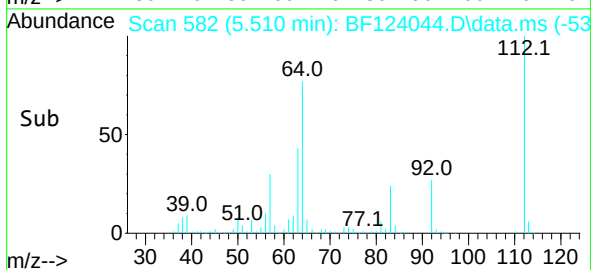
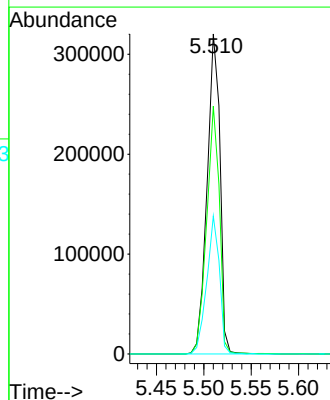
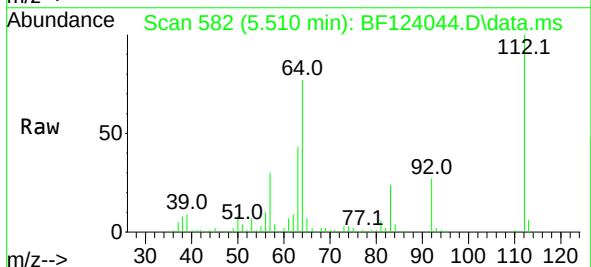
Instrument :
BNA_F
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

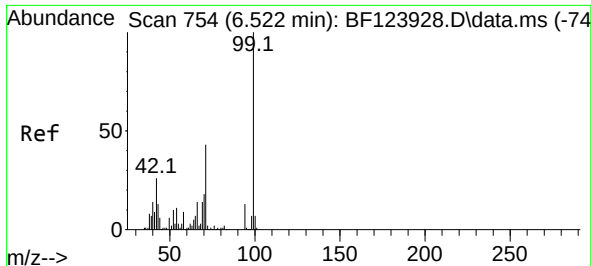
Tgt Ion:152 Resp: 57181
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 70.8 54.3 81.5



#5
2-Fluorophenol
Concen: 74.36 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

Tgt Ion:112 Resp: 302852
Ion Ratio Lower Upper
112 100
64 77.5 61.4 92.0
63 43.1 33.0 49.4

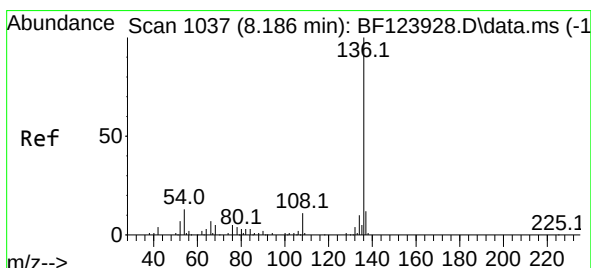
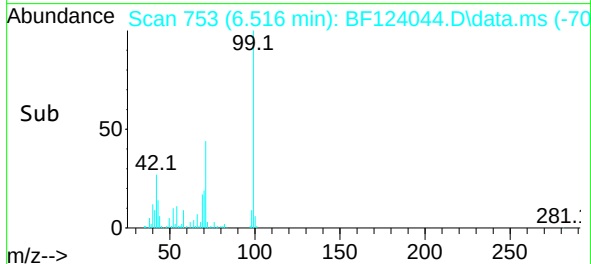
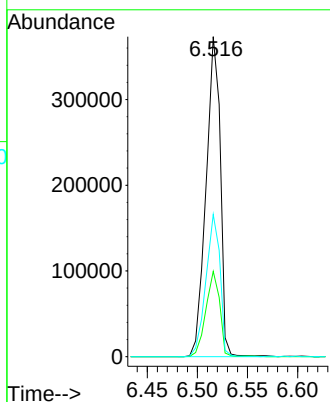
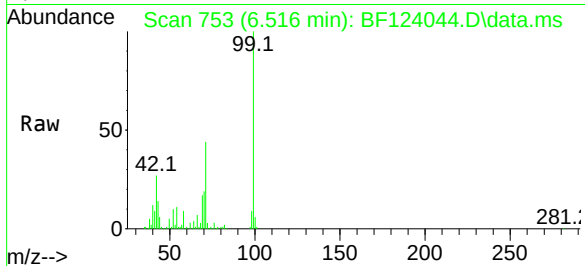




#7
Phenol-d6
Concen: 70.30 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

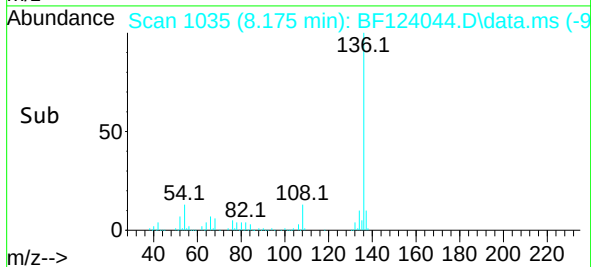
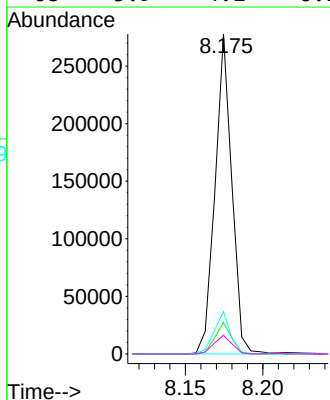
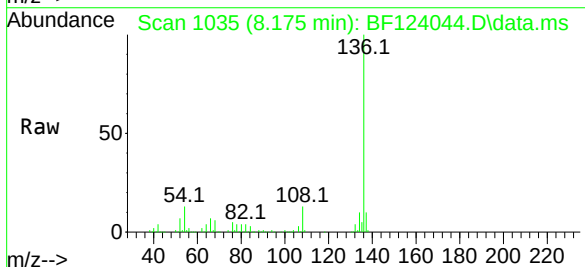
Instrument :
BNA_F
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

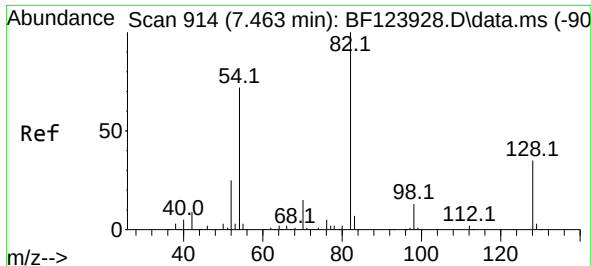
Tgt Ion: 99 Resp: 371420
Ion Ratio Lower Upper
99 100
42 26.6 19.8 29.8
71 44.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

Tgt Ion: 136 Resp: 208695
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 13.2 9.8 14.6
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 58.00 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF124044.D

Acq: 24 May 2021 18:46

Tgt Ion: 82 Resp: 280919

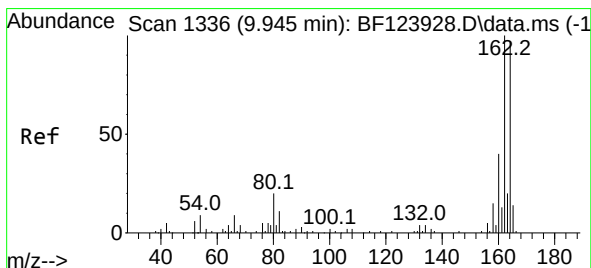
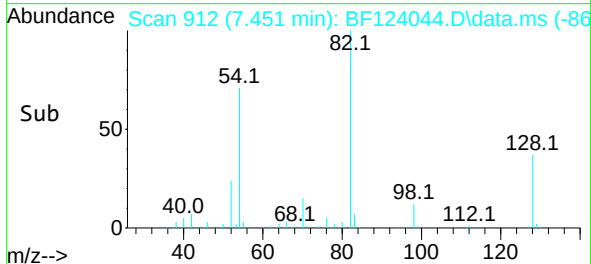
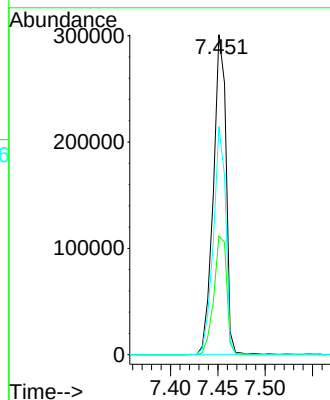
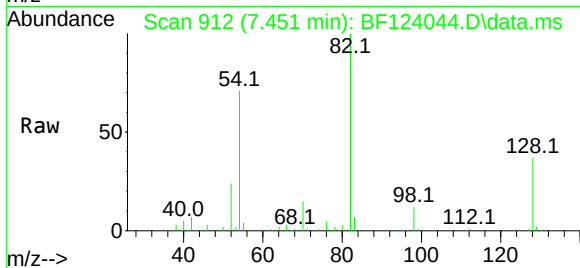
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	71.3	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

MIXED-SUBBASE-GROUND-1-15-D



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.927 min Scan# 1333

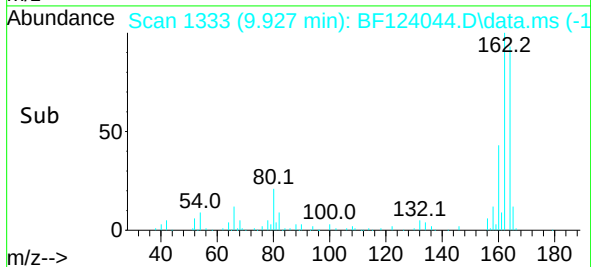
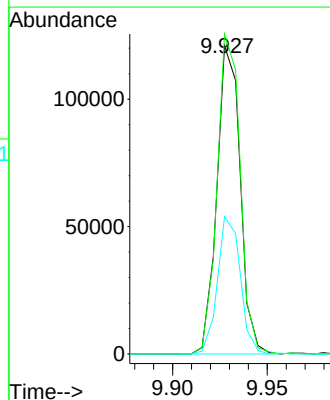
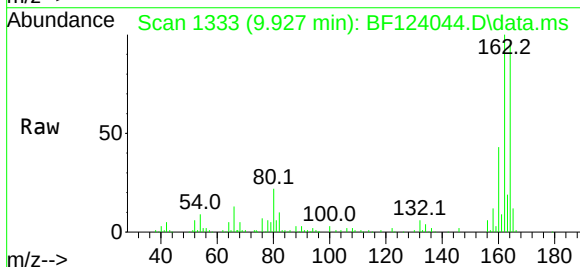
Delta R.T. -0.018 min

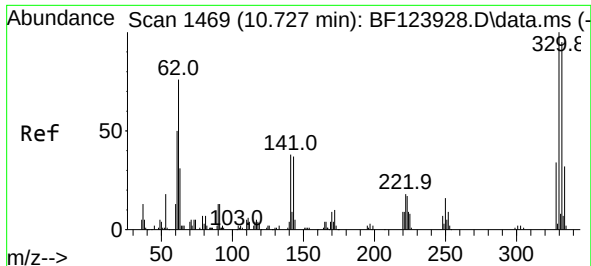
Lab File: BF124044.D

Acq: 24 May 2021 18:46

Tgt Ion:164 Resp: 103500

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	44.5	37.3	55.9

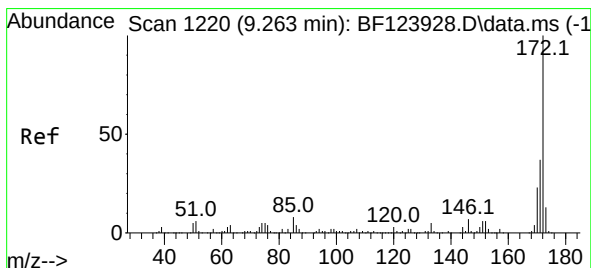
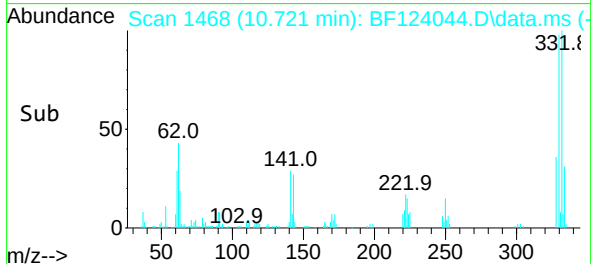
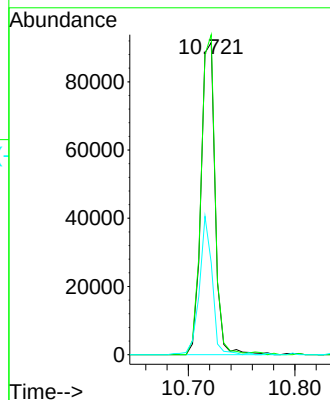
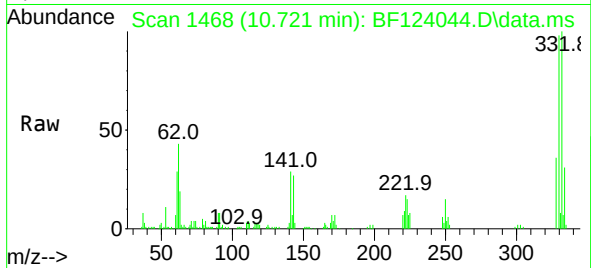




#42
2,4,6-Tribromophenol
Concen: 68.10 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

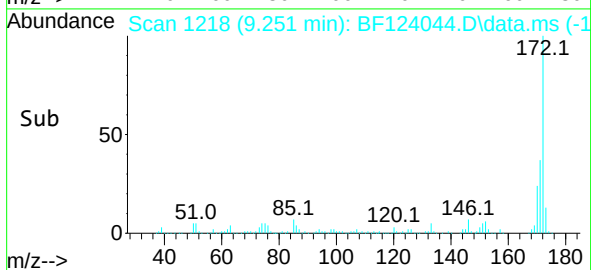
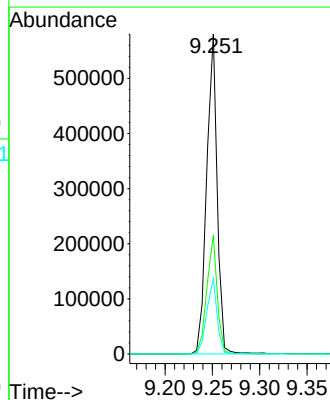
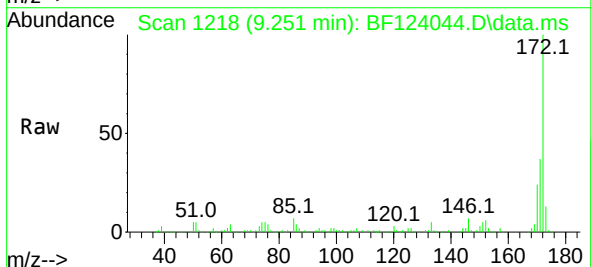
Instrument :
BNA_F
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

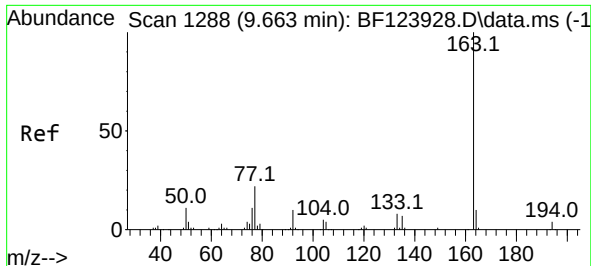
Tgt Ion: 330 Resp: 84658
Ion Ratio Lower Upper
330 100
332 101.2 77.1 115.7
141 39.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 53.07 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

Tgt Ion: 172 Resp: 446376
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.6 19.2 28.8

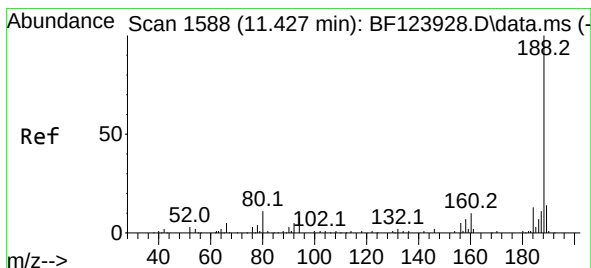
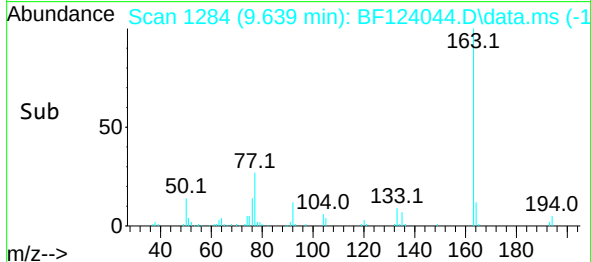
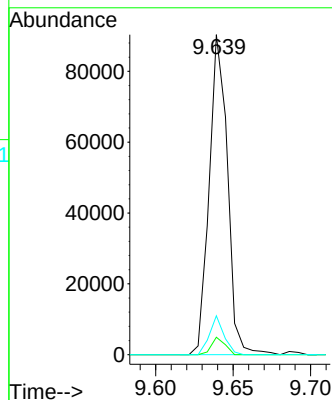
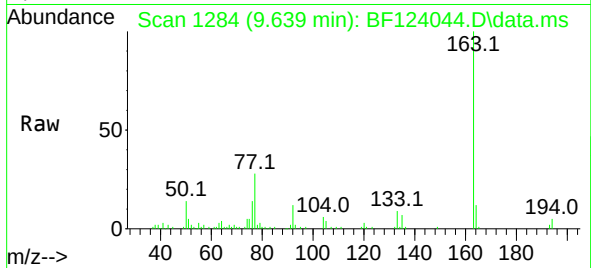




#50
Dimethylphthalate
Concen: 8.97 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

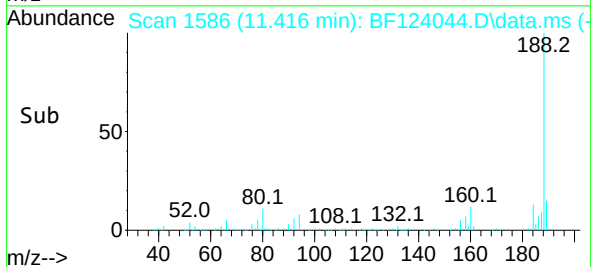
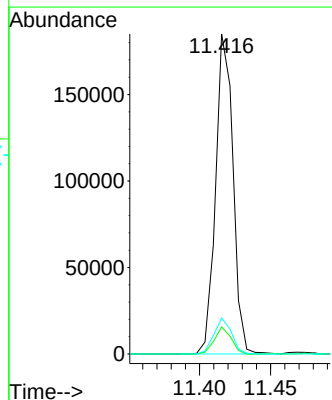
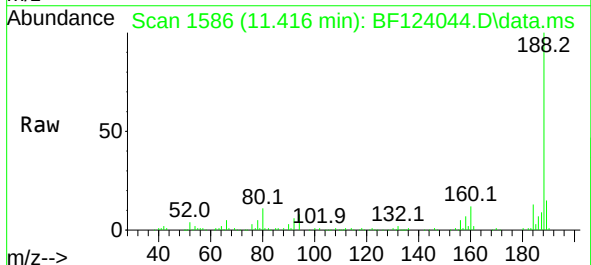
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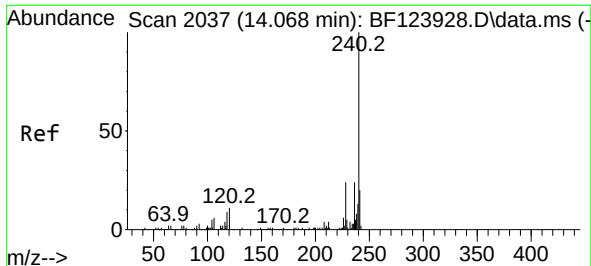
Tgt Ion:163 Resp: 74118
Ion Ratio Lower Upper
163 100
194 5.4 3.1 4.7#
164 12.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

Tgt Ion:188 Resp: 157538
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 11.2 8.2 12.2

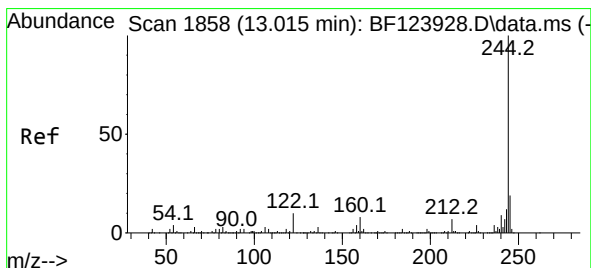
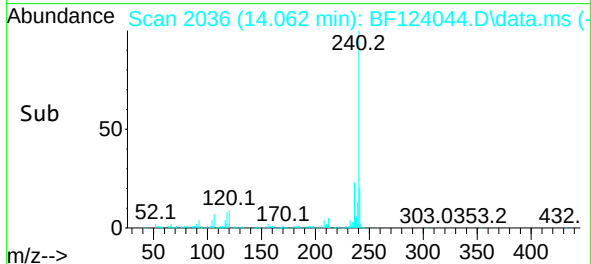
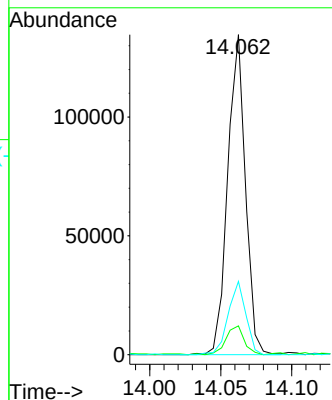
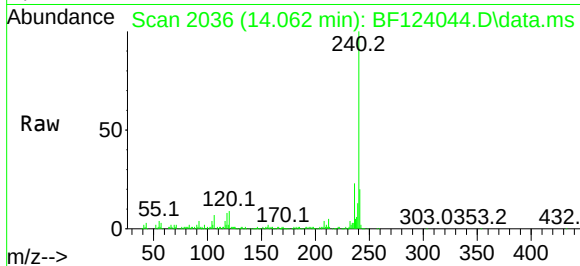




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

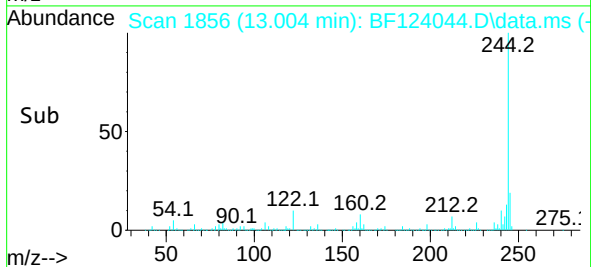
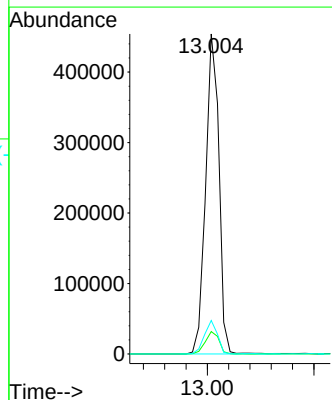
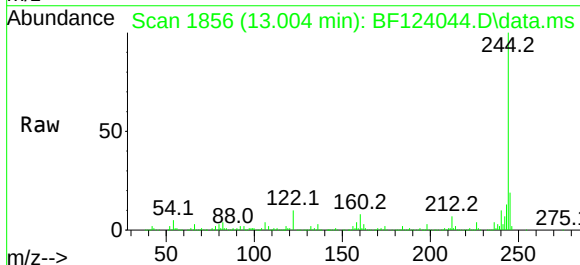
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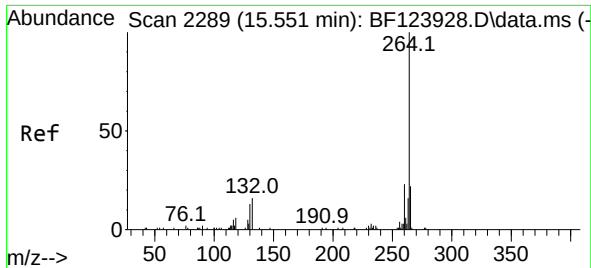
Tgt Ion:240 Resp: 117008
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 22.9 19.0 28.4



#79
Terphenyl-d14
Concen: 51.10 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

Tgt Ion:244 Resp: 394803
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.5 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124044.D
Acq: 24 May 2021 18:46

Instrument :
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ClientSampleId :
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Tgt Ion:	264	Resp:	75292
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.7	28.1
265	25.0	17.8	26.8

