

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124032.D
 Acq On : 21 May 2021 22:41
 Operator : JU/CG
 Sample : M2479-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUBBASE-6-1-D

Quant Time: May 22 01:40:25 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	53554	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	204035	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	106437	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	168412	20.00	ng	-0.01
76) Chrysene-d12	14.057	240	124764	20.00	ng	-0.01
86) Perylene-d12	15.551	264	77271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	50662	13.28	ng	-0.01
7) Phenol-d6	6.504	99	64089	12.95	ng	-0.02
23) Nitrobenzene-d5	7.445	82	47457	10.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	16021	12.53	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	77716	8.99	ng	-0.02
79) Terphenyl-d14	12.998	244	69955	8.49	ng	-0.02

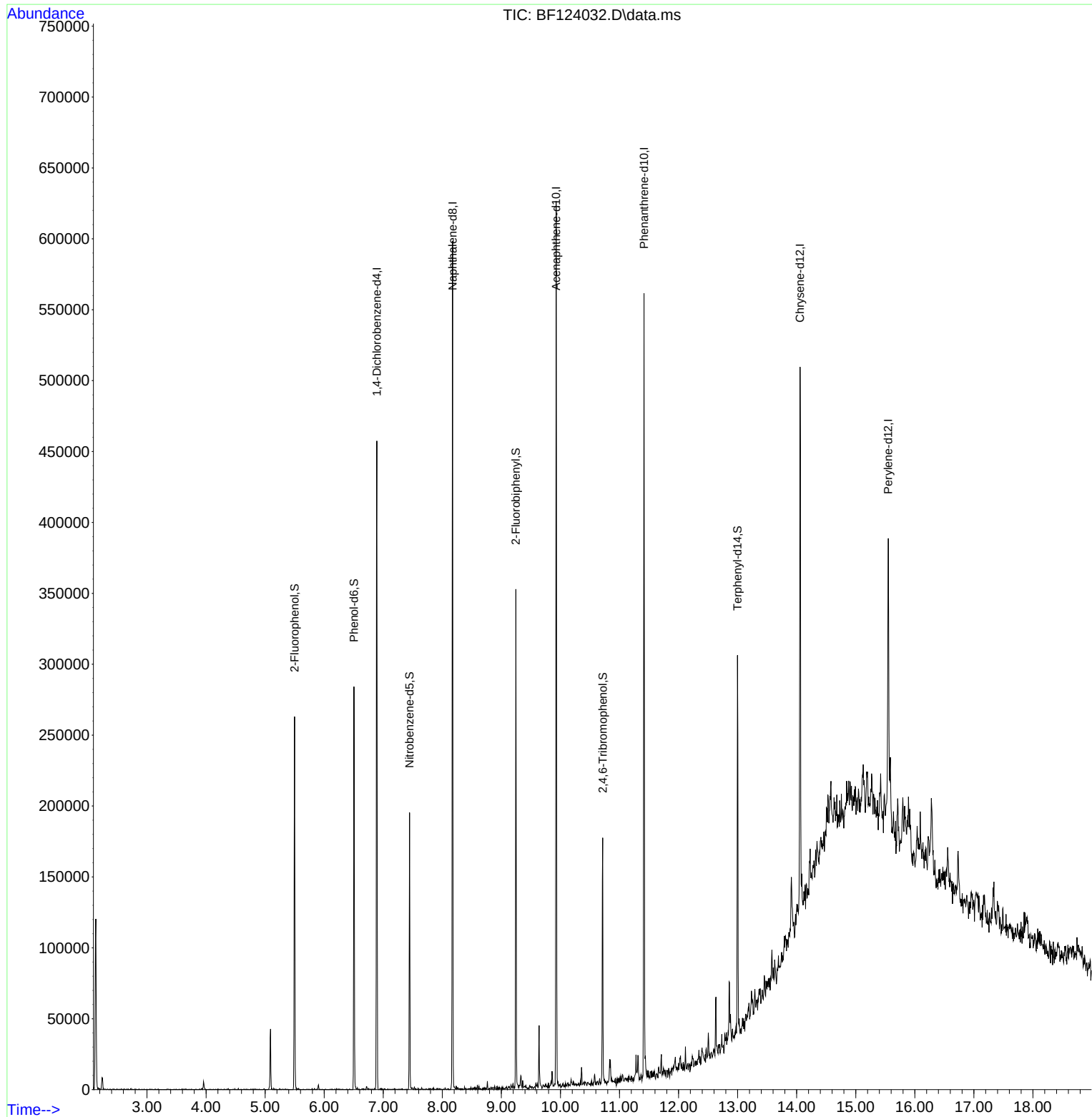
Target Compounds	Qvalue

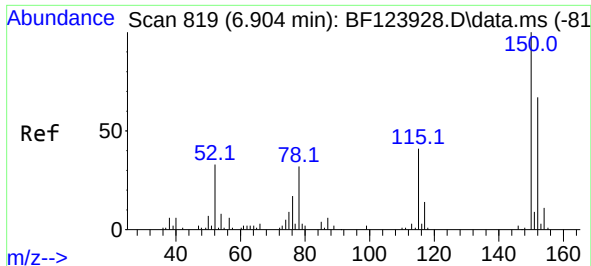
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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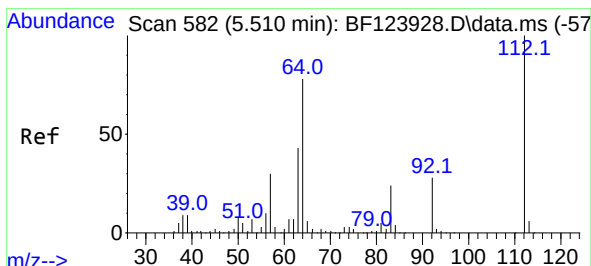
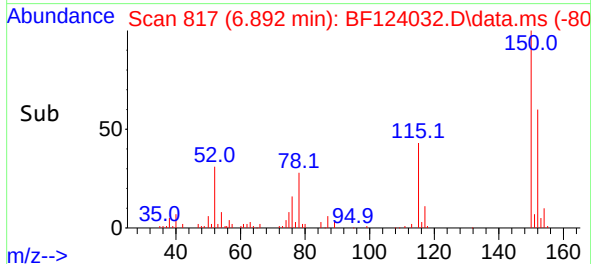
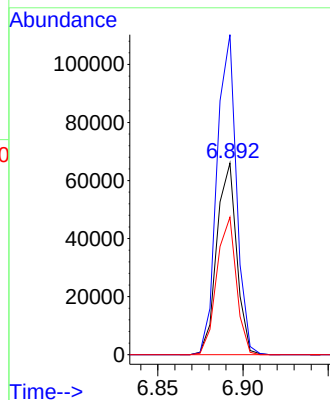
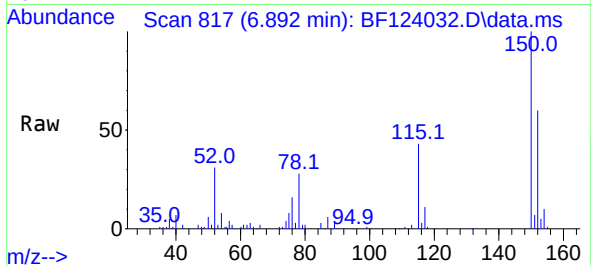




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

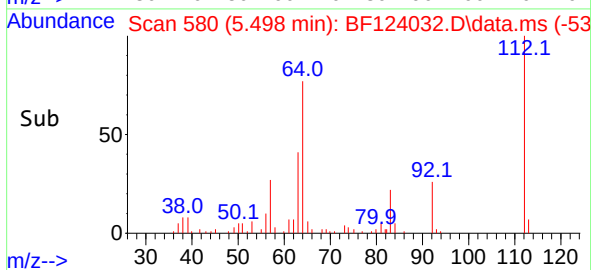
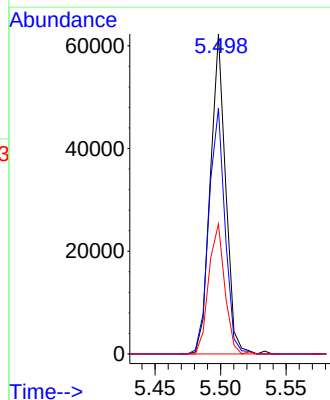
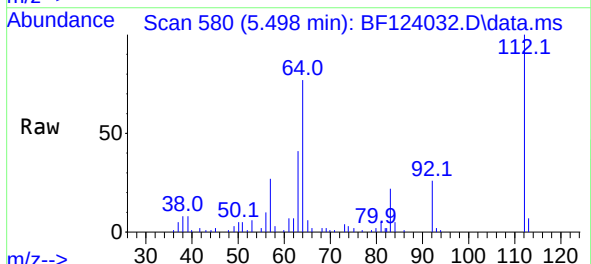
Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

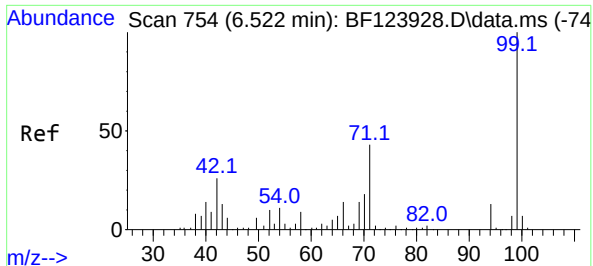
Tgt Ion:152 Resp: 53554
Ion Ratio Lower Upper
152 100
150 167.1 127.0 190.6
115 71.8 54.3 81.5



#5
2-Fluorophenol
Concen: 13.28 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

Tgt Ion:112 Resp: 50662
Ion Ratio Lower Upper
112 100
64 76.8 61.4 92.0
63 40.6 33.0 49.4

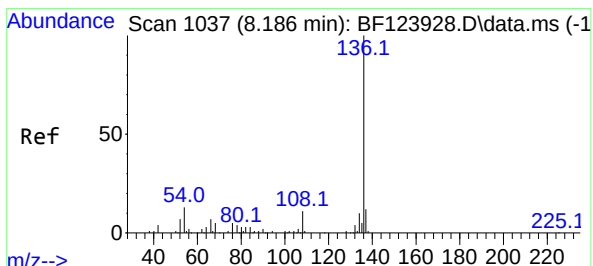
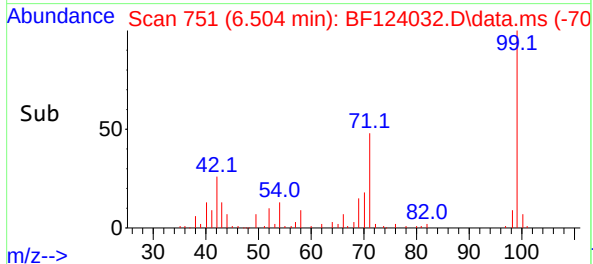
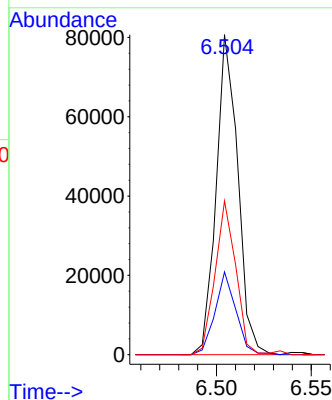
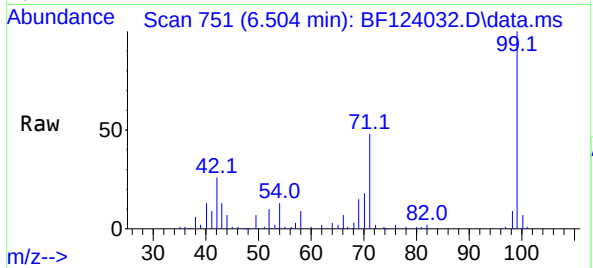




#7
Phenol-d6
Concen: 12.95 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

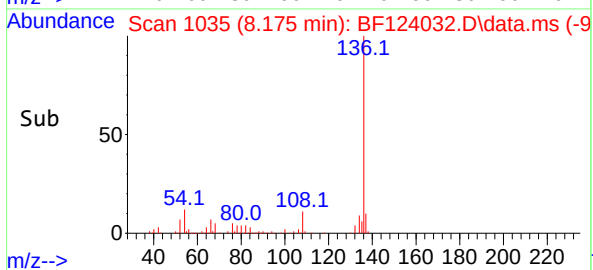
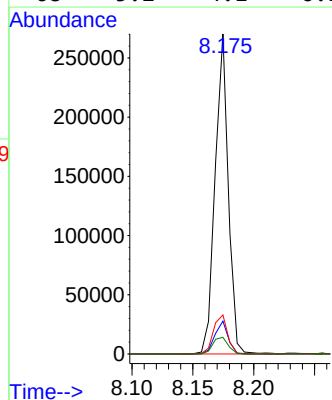
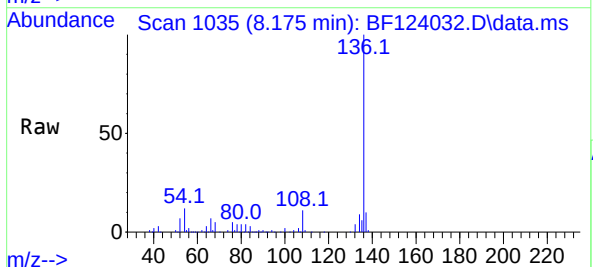
Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

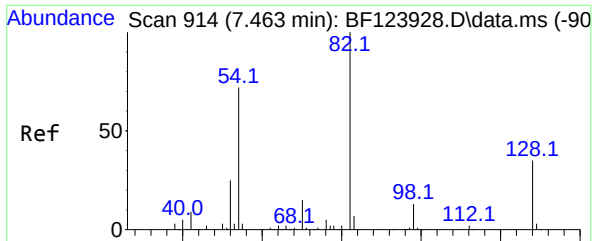
Tgt Ion: 99 Resp: 64089
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.8
71 48.1 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

Tgt Ion: 136 Resp: 204035
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 12.2 9.8 14.6
68 5.2 4.1 6.1

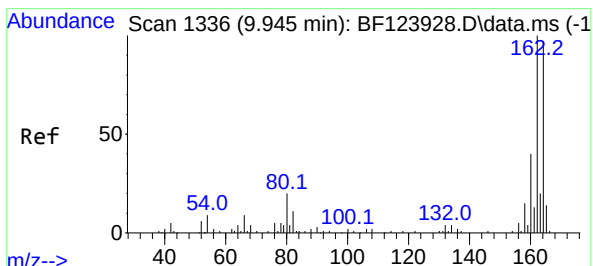
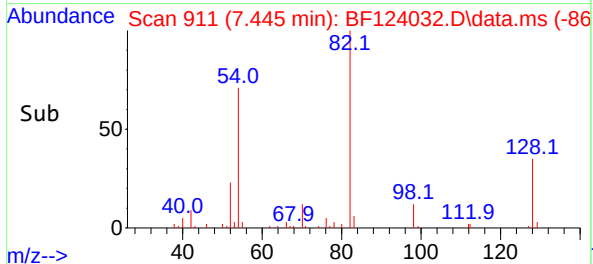
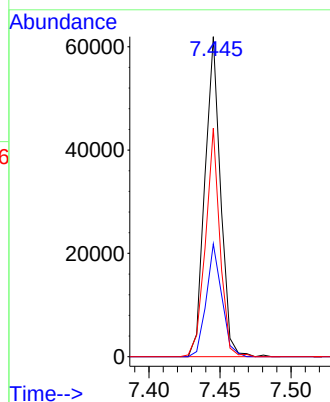
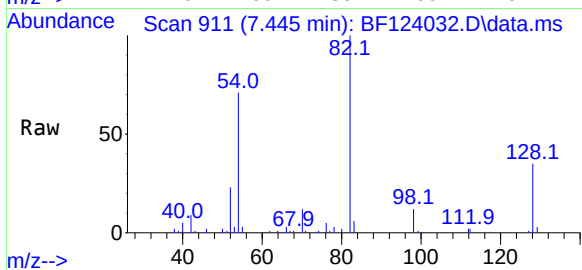




#23
Nitrobenzene-d5
Concen: 10.02 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

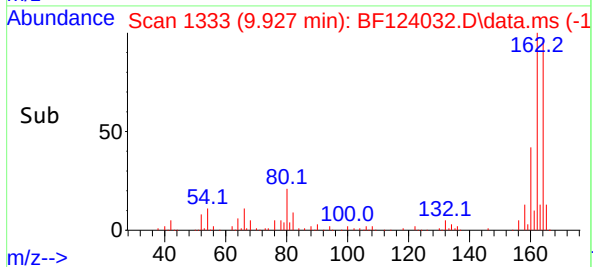
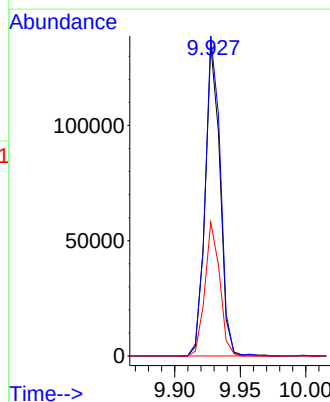
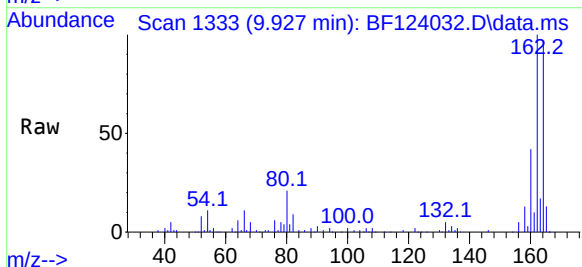
Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

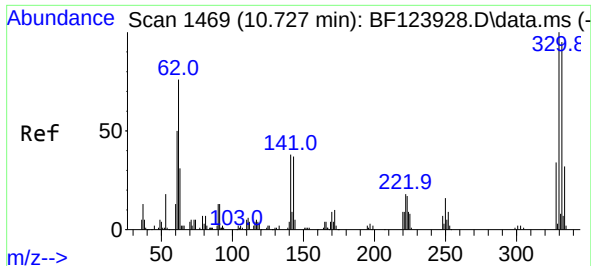
Tgt Ion:	82	Resp:	47457
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.4	44.2
54	71.4	54.1	81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

Tgt Ion:	164	Resp:	106437
Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.7	121.1
160	43.1	37.3	55.9

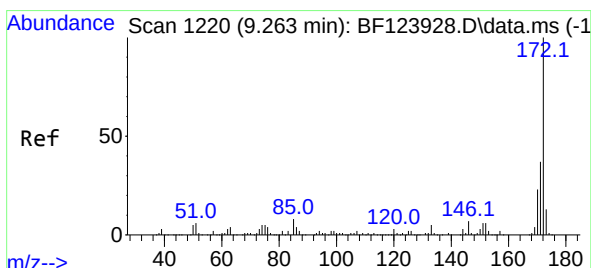
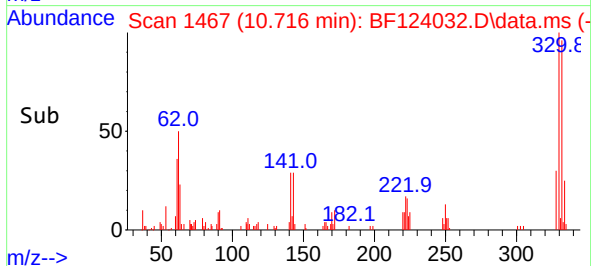
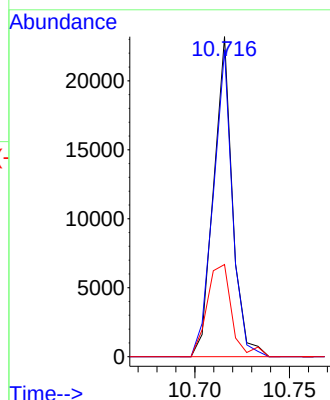
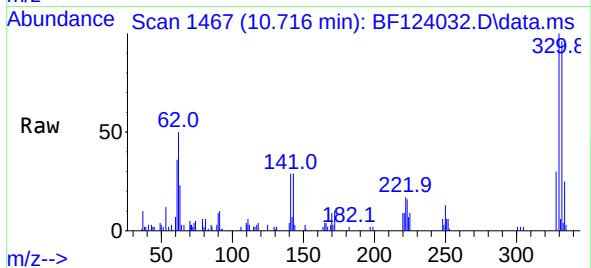




#42
2,4,6-Tribromophenol
Concen: 12.53 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

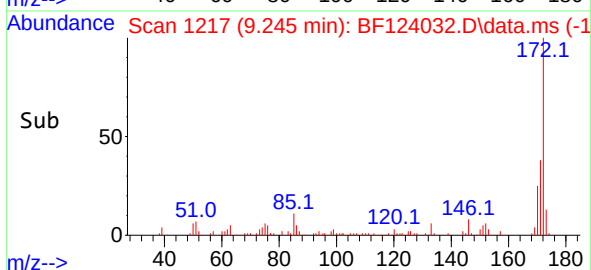
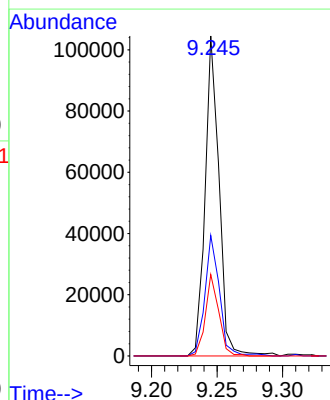
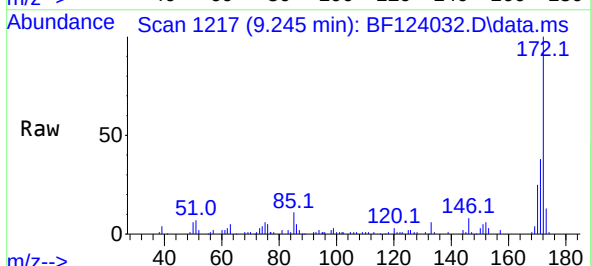
Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

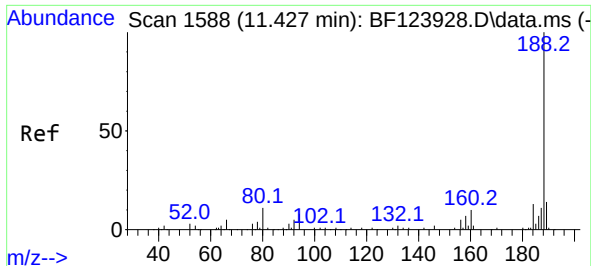
Tgt Ion: 330 Resp: 16021
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 8.99 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.018 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

Tgt Ion: 172 Resp: 77716
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 25.5 19.2 28.8

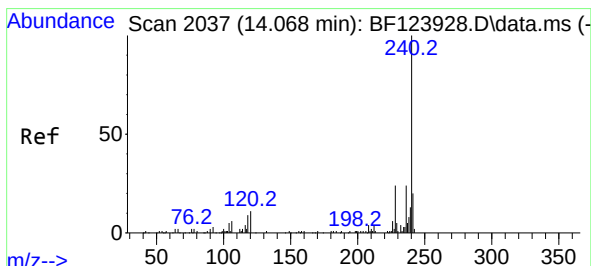
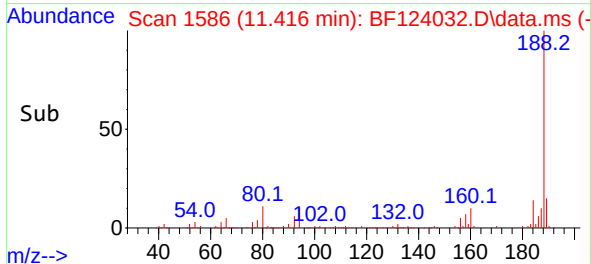
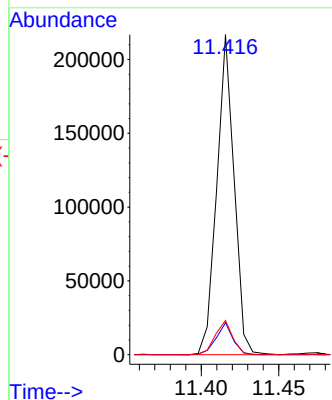
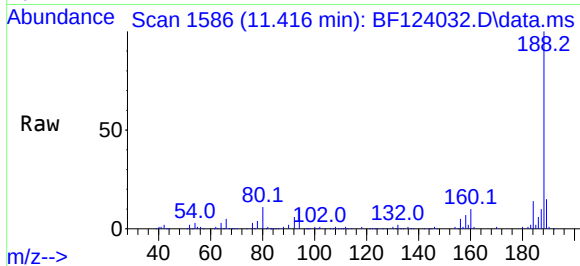




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

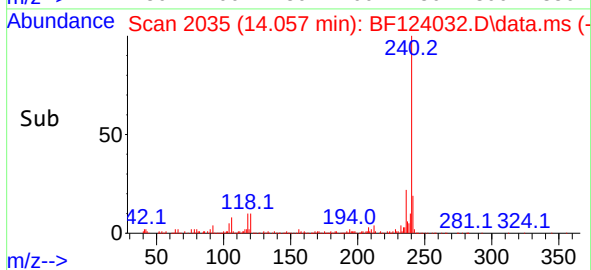
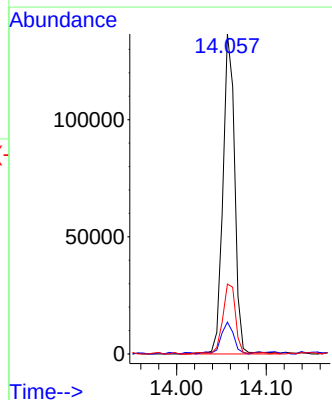
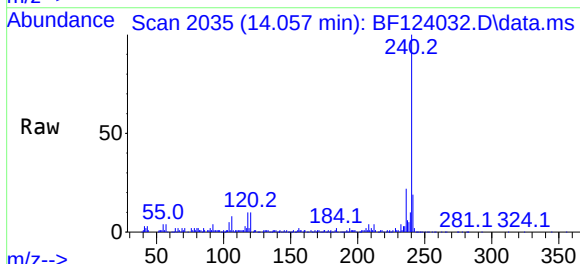
Instrument :
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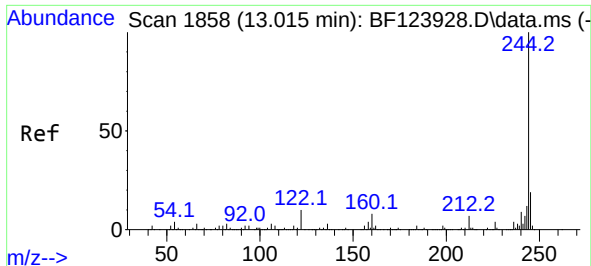
Tgt Ion:188 Resp: 168412
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 10.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

Tgt Ion:240 Resp: 124764
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 21.9 19.0 28.4

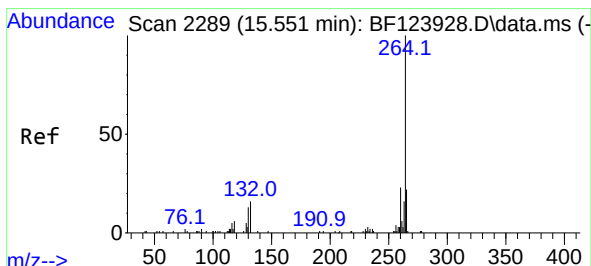
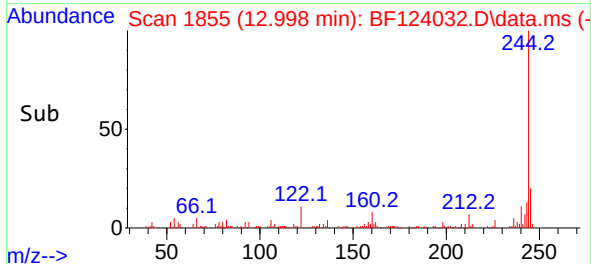
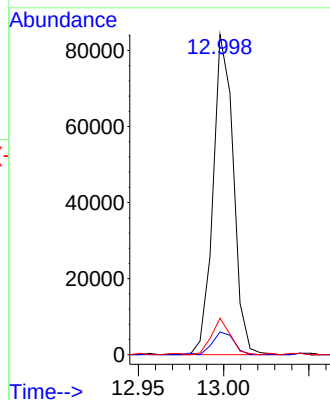
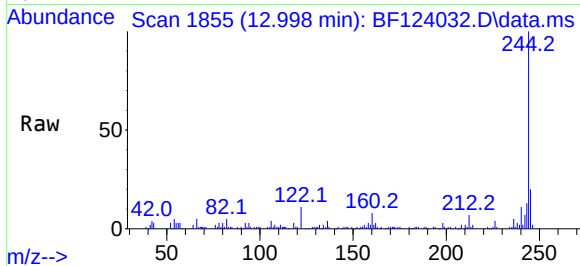




#79
Terphenyl-d14
Concen: 8.49 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.018 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

Tgt Ion:244	Resp:	69955
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.7 8.5
122	11.4	9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BF124032.D
Acq: 21 May 2021 22:41

Tgt Ion:264	Resp:	77271
Ion Ratio	Lower	Upper
264	100	
260	23.8	18.7 28.1
265	20.4	17.8 26.8

