

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
 Data File : BF124597.D
 Acq On : 16 Jul 2021 15:33
 Operator : JU/CG
 Sample : M3039-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-05

Quant Time: Jul 16 15:55:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	6218	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	25073	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	10134	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	24817	20.00	ng	0.00
76) Chrysene-d12	14.092	240	12133	20.00	ng	0.00
86) Perylene-d12	15.586	264	1723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2316	6.45	ng	-0.01
7) Phenol-d6	6.528	99	1569	3.59	ng	-0.02
23) Nitrobenzene-d5	7.481	82	17854	44.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	1674	21.23	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	39333	56.60	ng	0.00
79) Terphenyl-d14	13.039	244	39924	55.25	ng	0.00

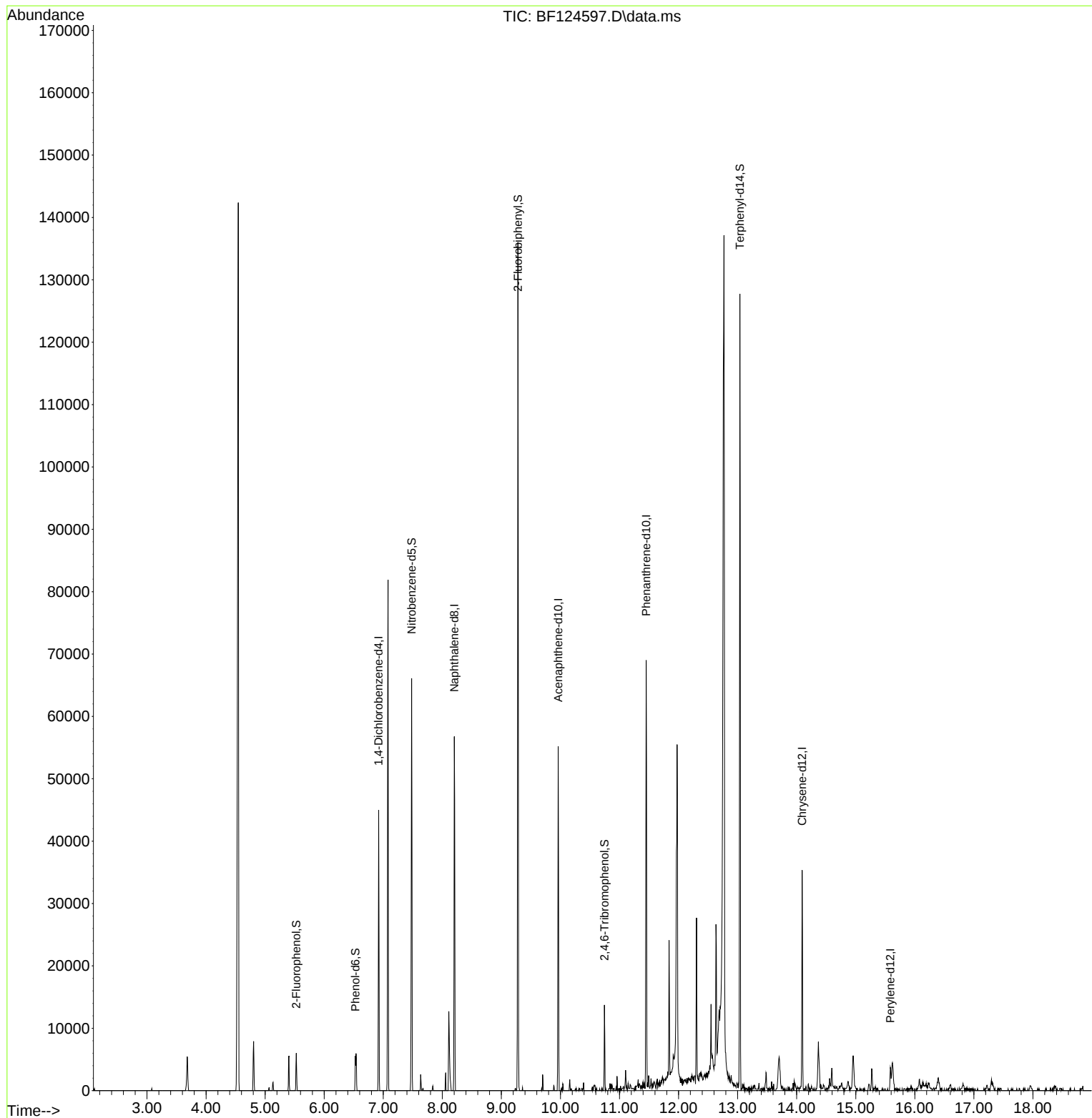
Target Compounds	Qvalue

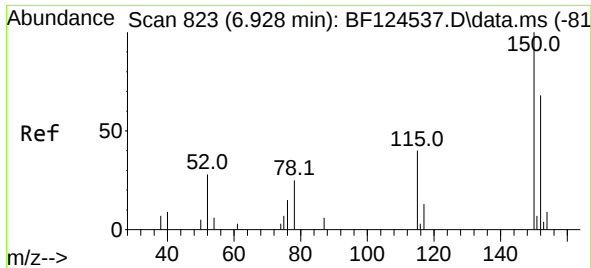
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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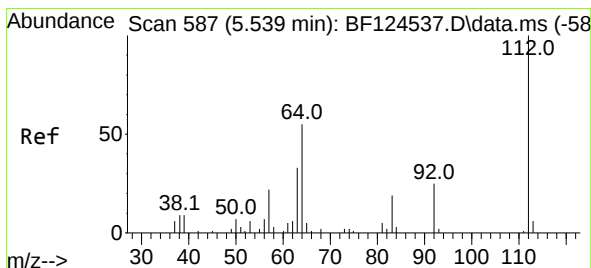
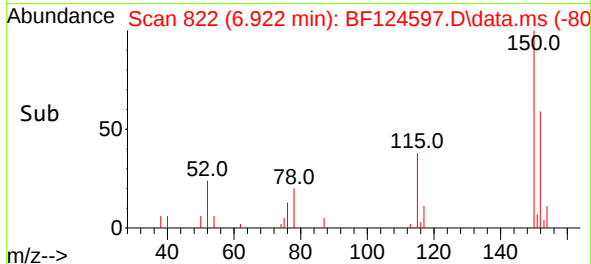
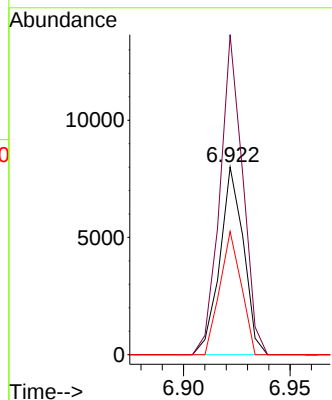
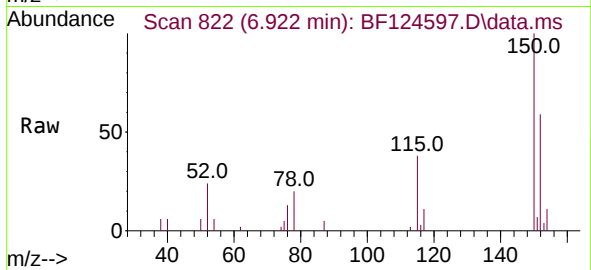




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

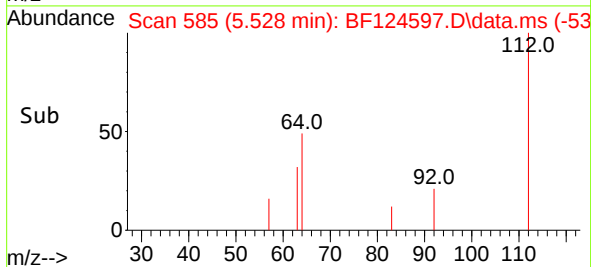
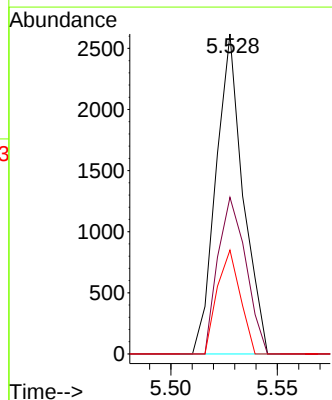
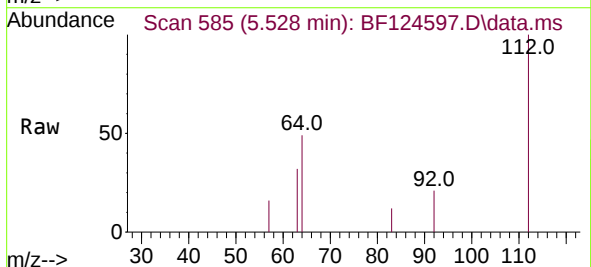
Instrument :
BNA_F
ClientSampleId :
EX-05

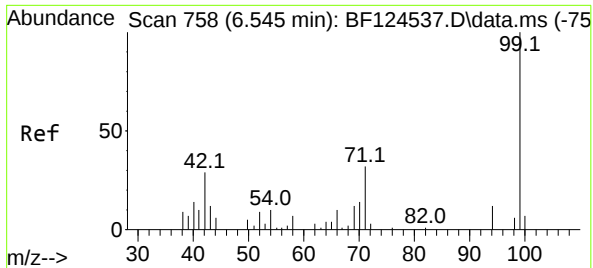
Tgt Ion:152 Resp: 6218
Ion Ratio Lower Upper
152 100
150 170.5 117.6 176.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 6.45 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.011 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:112 Resp: 2316
Ion Ratio Lower Upper
112 100
64 48.9 44.2 66.2
63 32.4 26.2 39.2

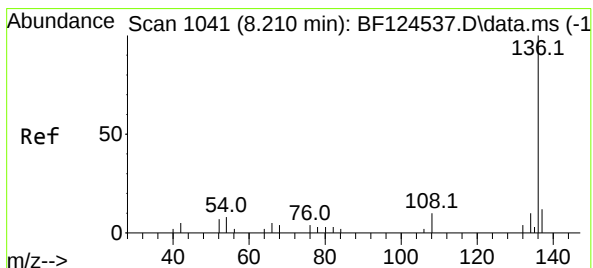
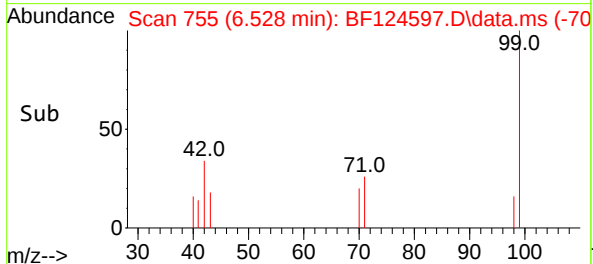
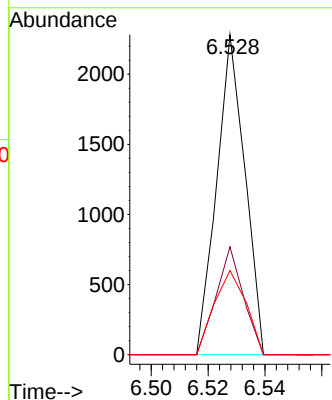
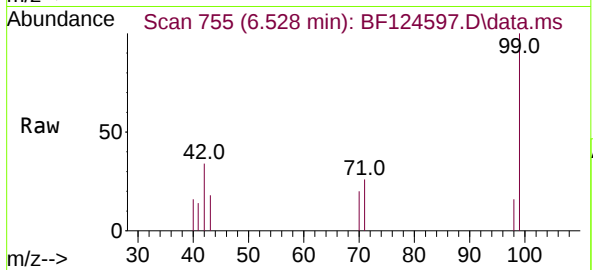




#7
Phenol-d6
Concen: 3.59 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.017 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

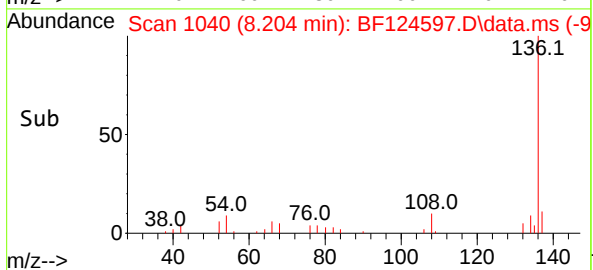
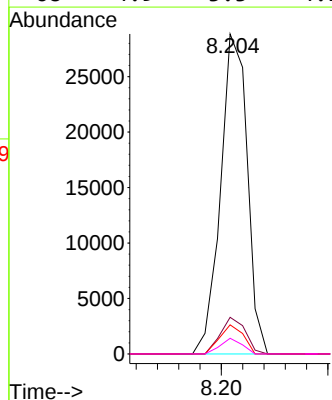
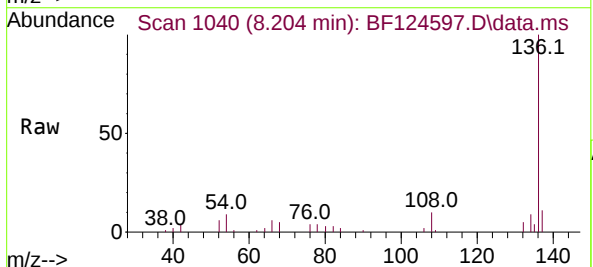
Instrument :
BNA_F
ClientSampled :
EX-05

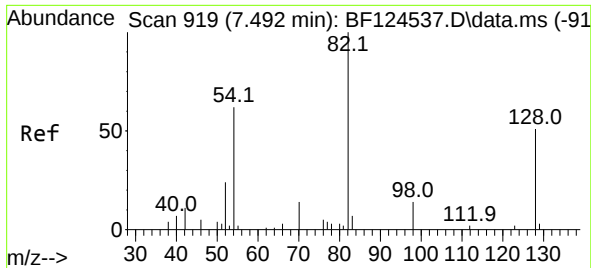
Tgt Ion:	99	Resp:	1569
Ion	Ratio	Lower	Upper
99	100		
42	33.7	23.5	35.3
71	26.3	25.6	38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:	136	Resp:	25073
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	9.1	6.4	9.6
68	4.9	3.3	4.9

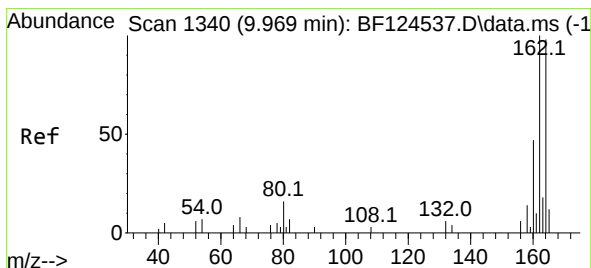
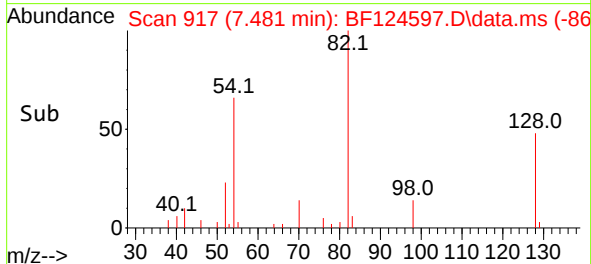
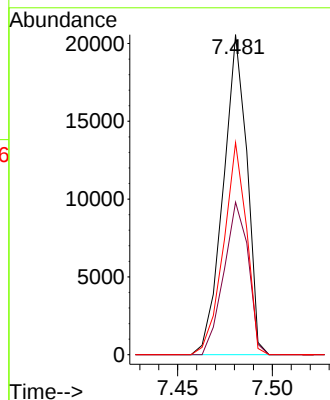
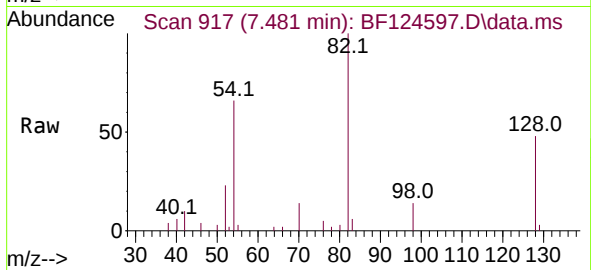




#23
Nitrobenzene-d5
Concen: 44.95 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.011 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

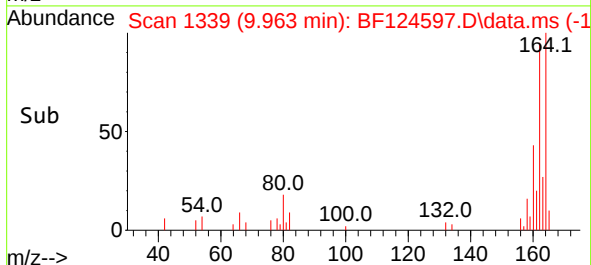
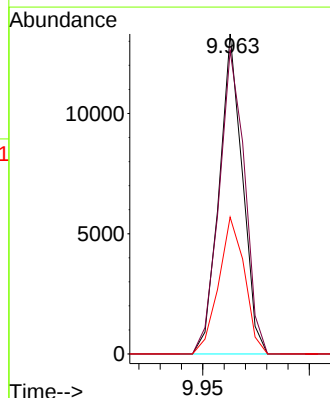
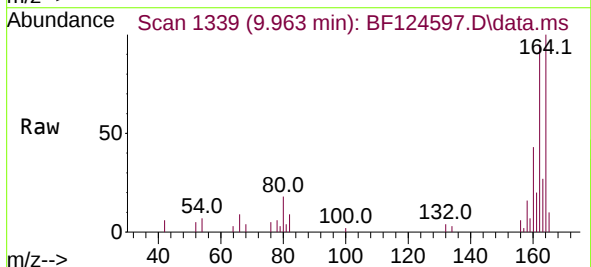
Instrument :
BNA_F
ClientSampleId :
EX-05

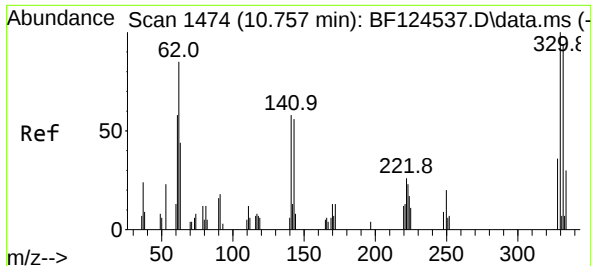
Tgt Ion: 82 Resp: 17854
Ion Ratio Lower Upper
82 100
128 47.6 40.6 60.8
54 66.2 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion: 164 Resp: 10134
Ion Ratio Lower Upper
164 100
162 94.9 81.3 121.9
160 42.8 38.0 57.0

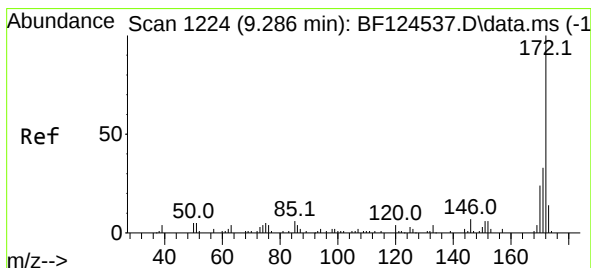
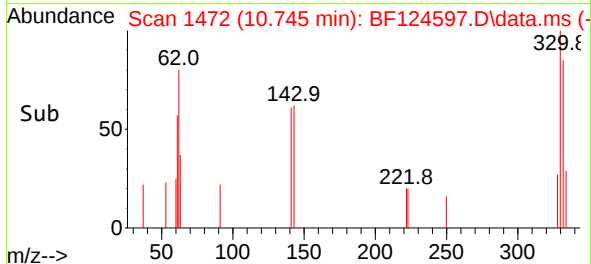
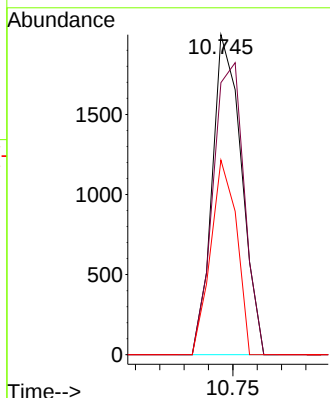
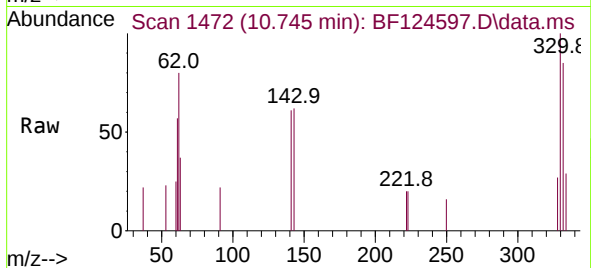




#42
2,4,6-Tribromophenol
Concen: 21.23 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

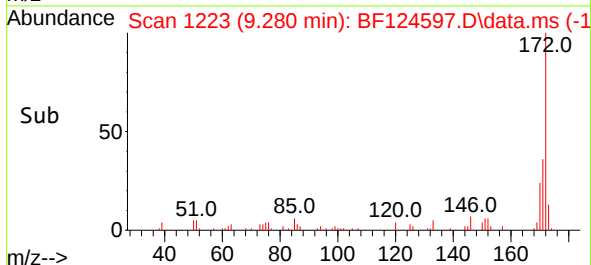
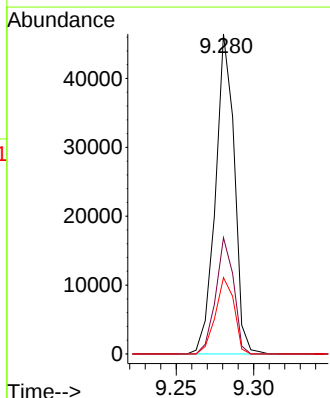
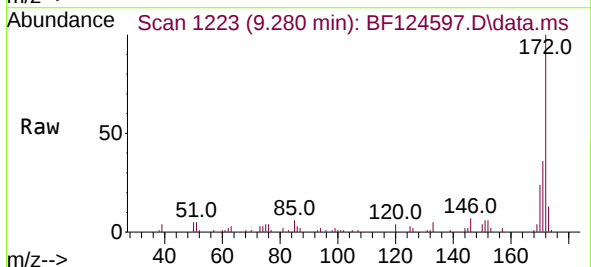
Instrument :
BNA_F
ClientSampleID :
EX-05

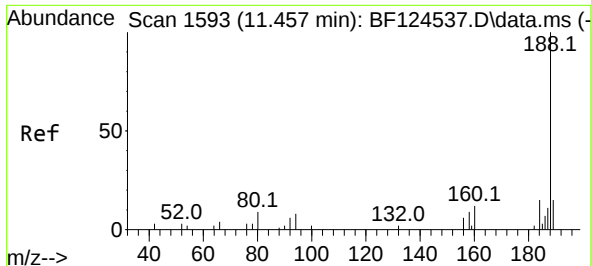
Tgt Ion: 330 Resp: 1674
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 53.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 56.60 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion: 172 Resp: 39333
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 23.9 18.8 28.2

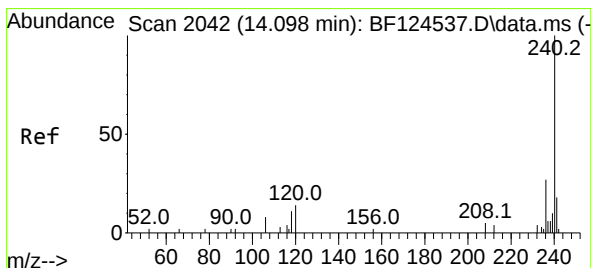
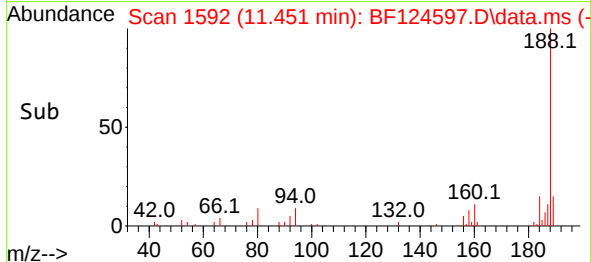
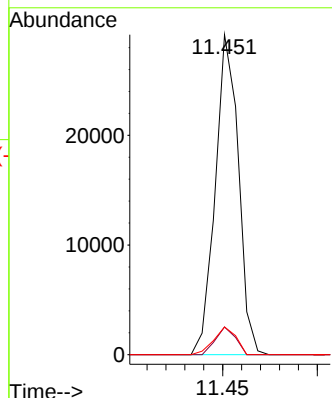
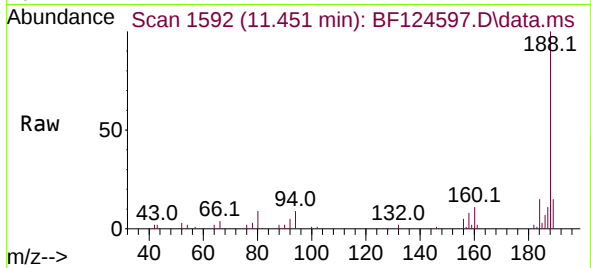




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

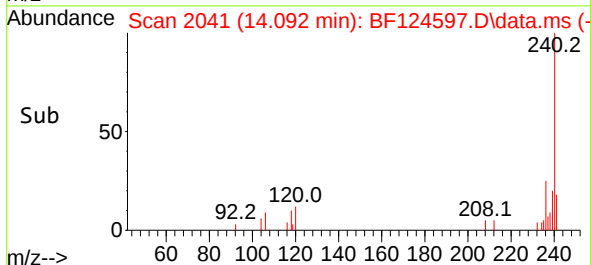
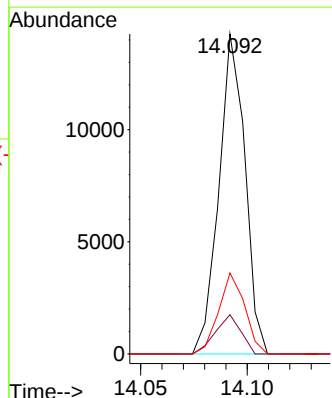
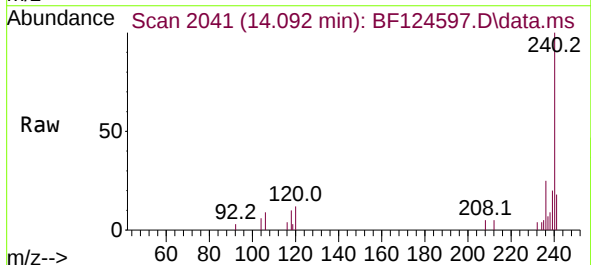
Instrument :
BNA_F
ClientSampleId :
EX-05

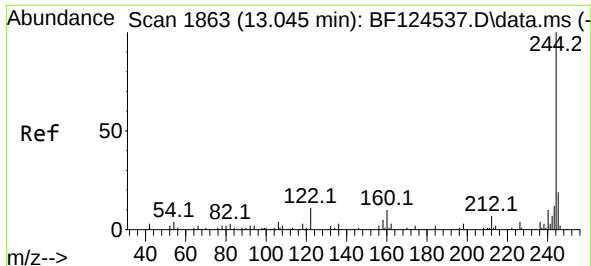
Tgt Ion:188 Resp: 24817
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:240 Resp: 12133
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 25.3 21.6 32.4

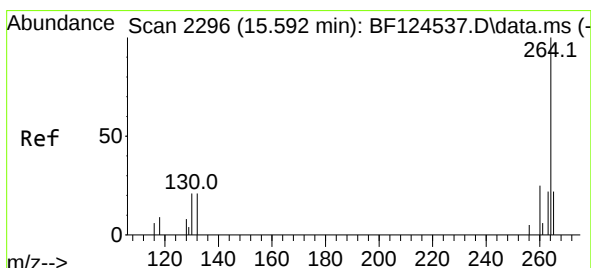
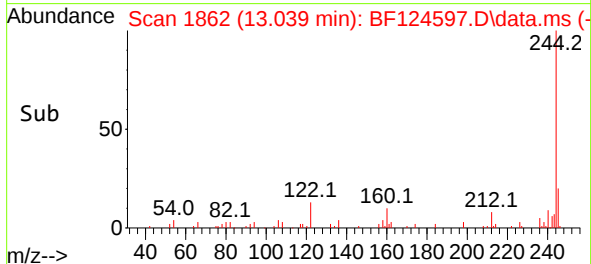
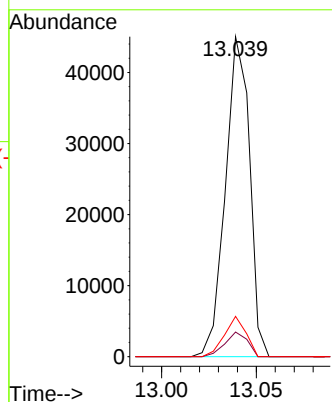
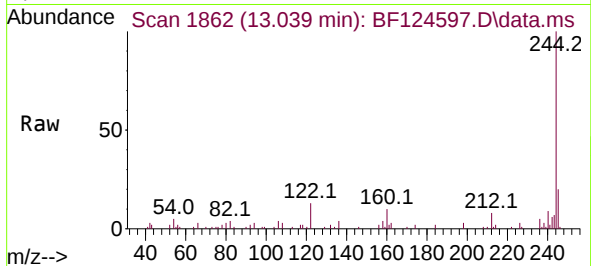




#79
Terphenyl-d14
Concen: 55.25 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244	Resp:	39924
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.9 8.9
122	12.6	9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124597.D
Acq: 16 Jul 2021 15:33

Tgt Ion:264	Resp:	1723
Ion Ratio	Lower	Upper
264	100	
260	28.5	19.6 29.4
265	20.6	17.2 25.8

