

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128326.D
 Acq On : 18 May 2022 22:23
 Operator : CG\JU
 Sample : N2864-12 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P011-SS005-0006-01

Quant Time: May 19 06:51:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

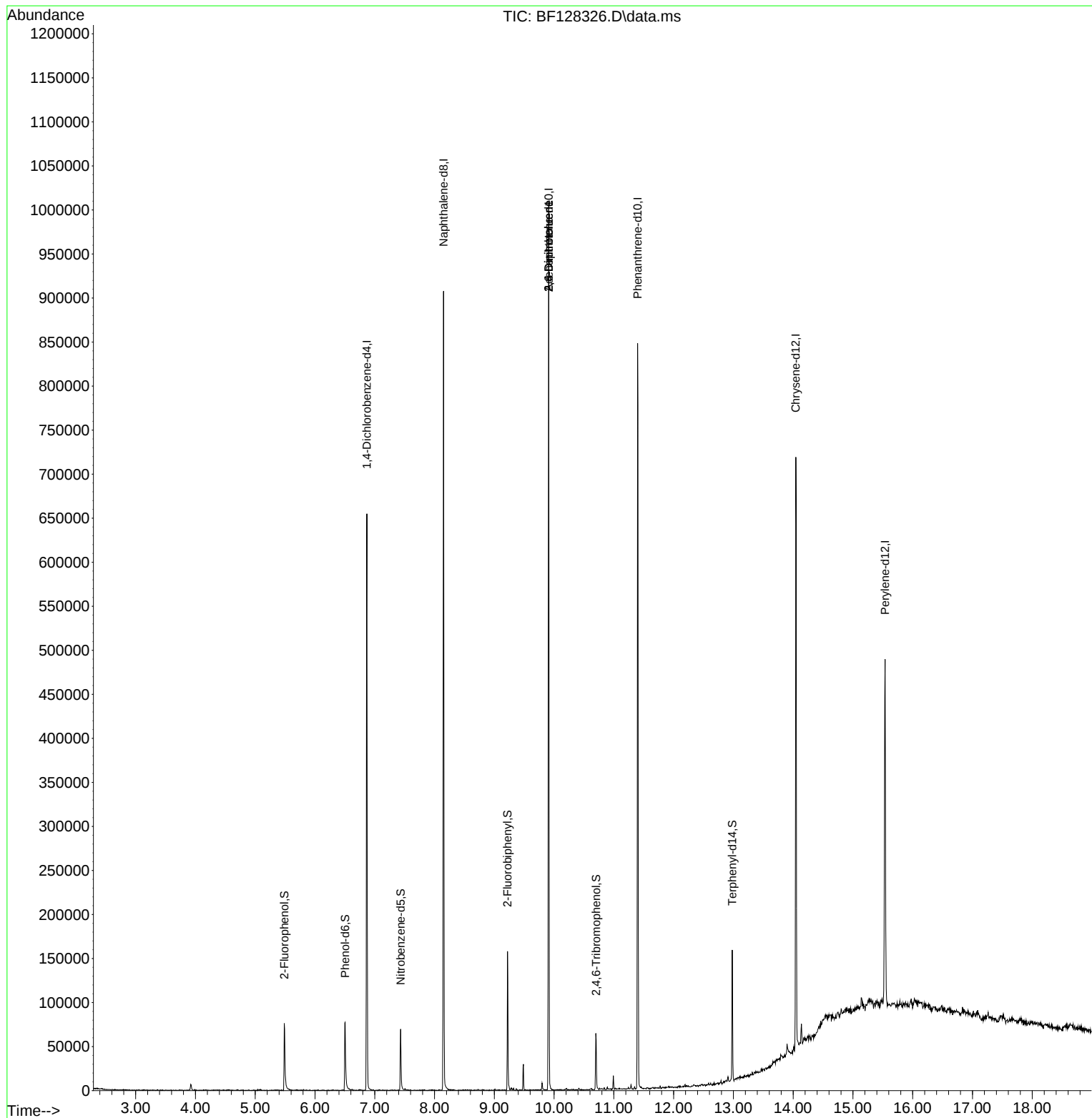
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	91380	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	346140	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	185420	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	313358	20.000	ng	0.00
76) Chrysene-d12	14.045	240	232271	20.000	ng	-0.01
86) Perylene-d12	15.539	264	178251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	24962	4.355	ng	0.00
7) Phenol-d6	6.504	99	34061	4.492	ng	0.00
23) Nitrobenzene-d5	7.434	82	23766	3.089	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	7633	3.589	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	44835	3.783	ng	-0.01
79) Terphenyl-d14	12.980	244	42965	3.471	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.910	165	23067	8.788	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	23067	6.572	ng	# 26

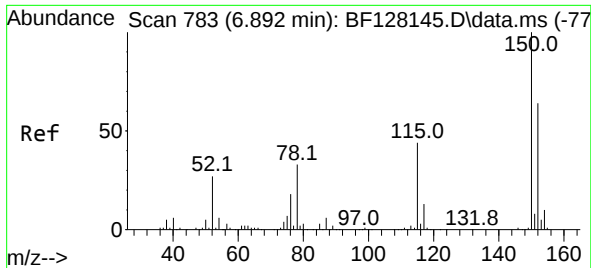
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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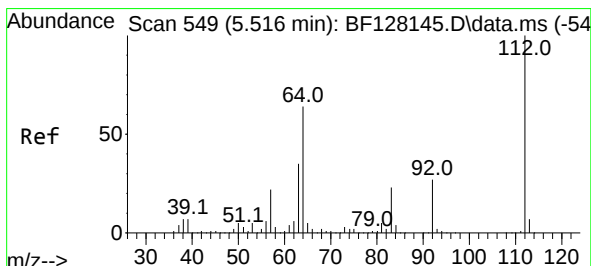
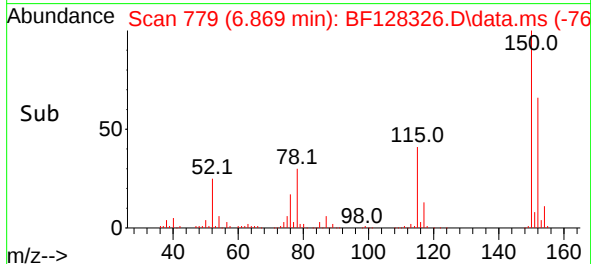
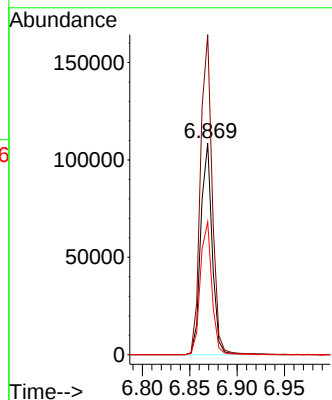
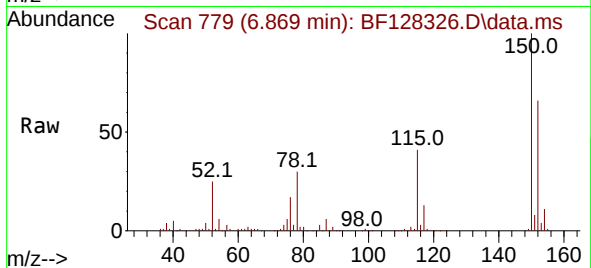




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128326.D
 Acq: 18 May 2022 22:23

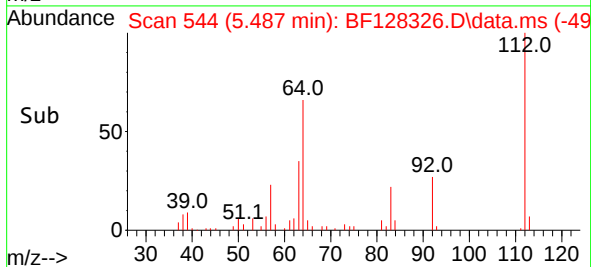
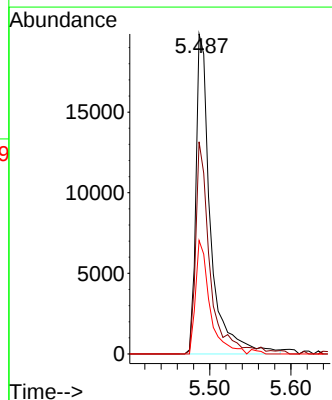
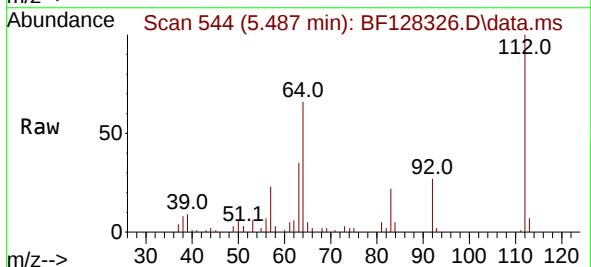
Instrument :
 BNA_F
 ClientSampleId :
 P011-SS005-0006-01

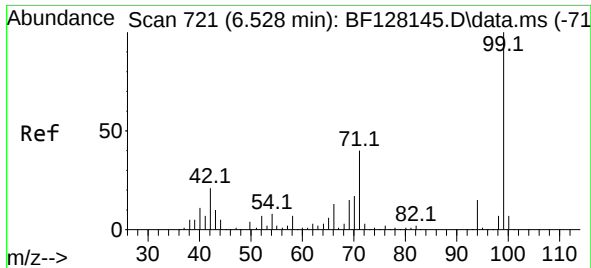
Tgt Ion:152 Resp: 91380
 Ion Ratio Lower Upper
 152 100
 150 151.3 125.3 187.9
 115 62.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 4.355 ng
 RT: 5.487 min Scan# 544
 Delta R.T. -0.006 min
 Lab File: BF128326.D
 Acq: 18 May 2022 22:23

Tgt Ion:112 Resp: 24962
 Ion Ratio Lower Upper
 112 100
 64 66.3 49.5 74.3
 63 35.4 26.3 39.5

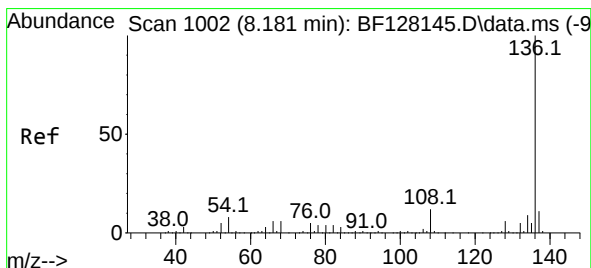
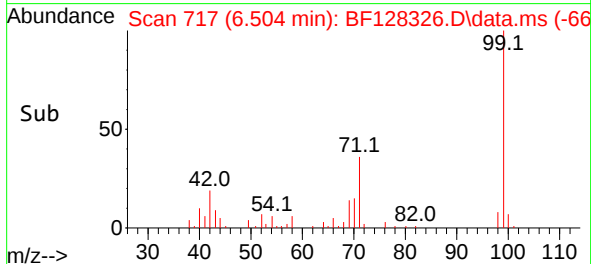
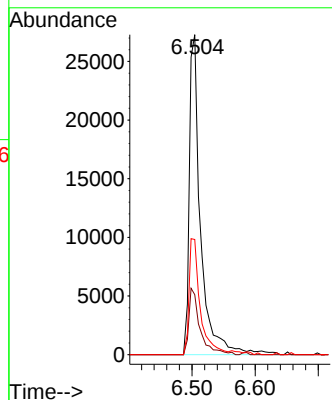
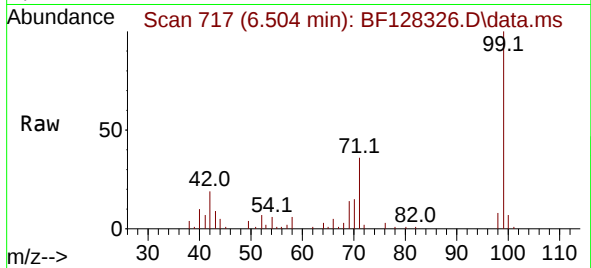




#7
Phenol-d6
Concen: 4.492 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

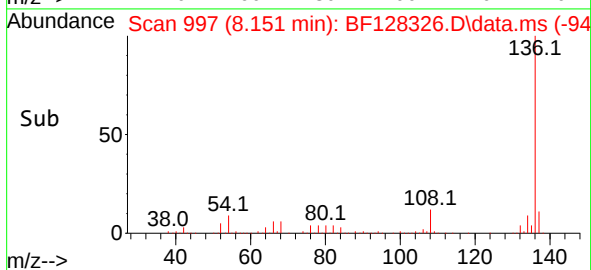
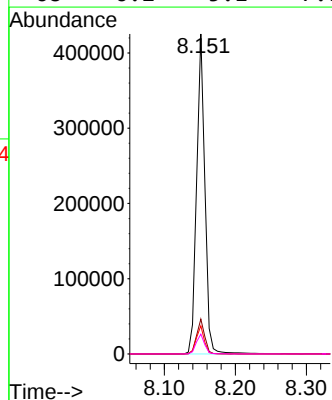
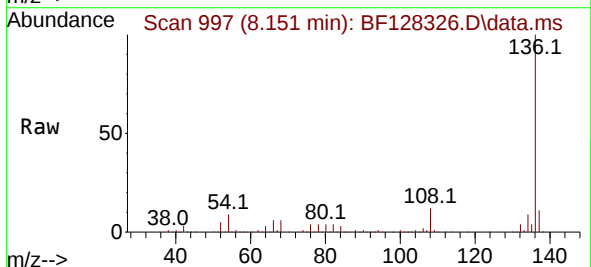
Instrument :
BNA_F
ClientSampleId :
P011-SS005-0006-01

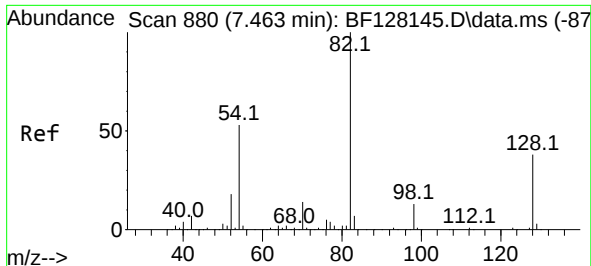
Tgt Ion: 99 Resp: 34061
Ion Ratio Lower Upper
99 100
42 18.8 16.6 24.8
71 36.0 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

Tgt Ion: 136 Resp: 346140
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.8 10.2
68 6.2 5.1 7.7

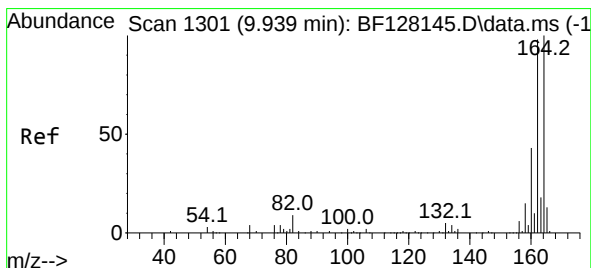
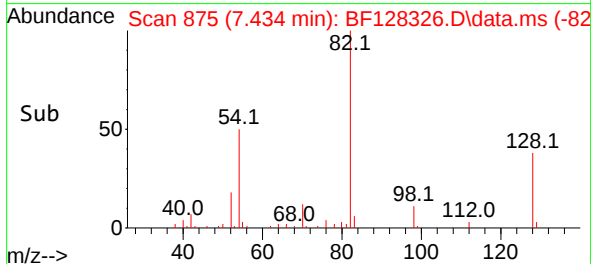
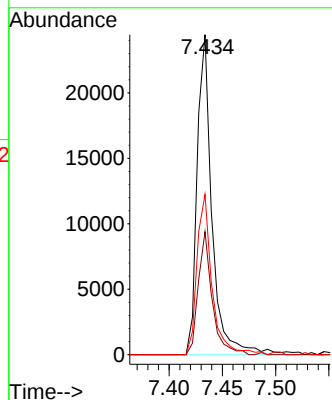
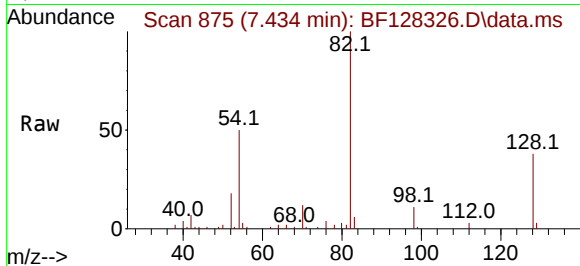




#23
Nitrobenzene-d5
Concen: 3.089 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

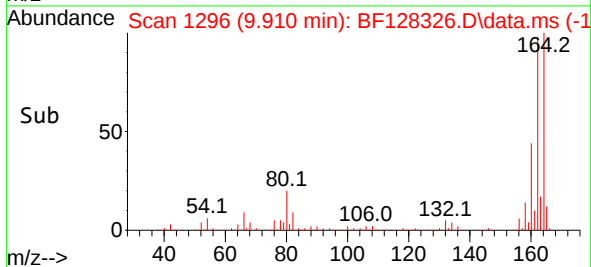
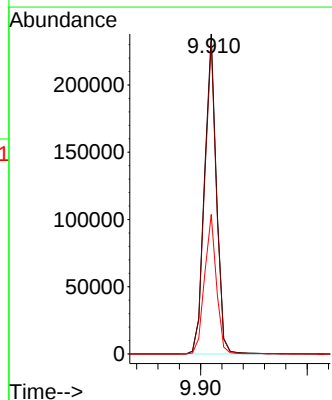
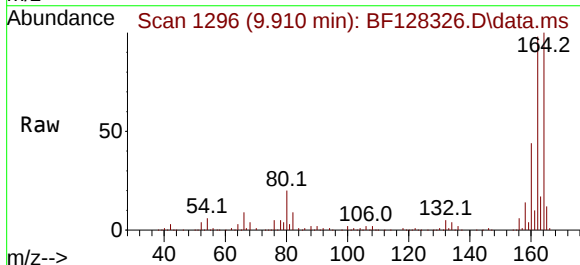
Instrument :
BNA_F
ClientSampleId :
P011-SS005-0006-01

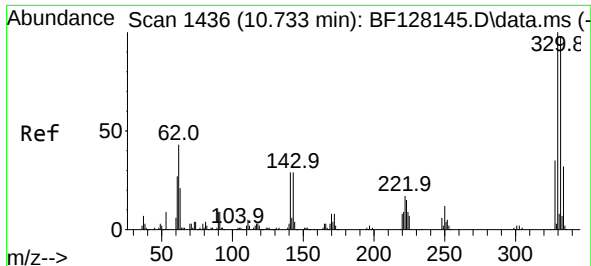
Tgt Ion: 82 Resp: 23766
Ion Ratio Lower Upper
82 100
128 38.4 30.0 45.0
54 50.1 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

Tgt Ion:164 Resp: 185420
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.6 34.8 52.2

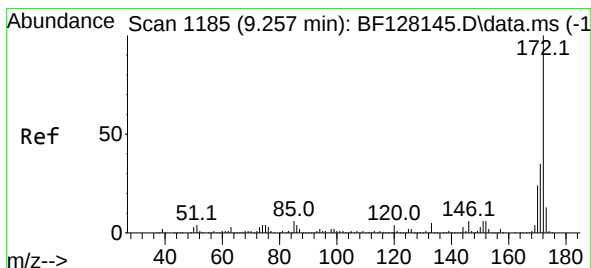
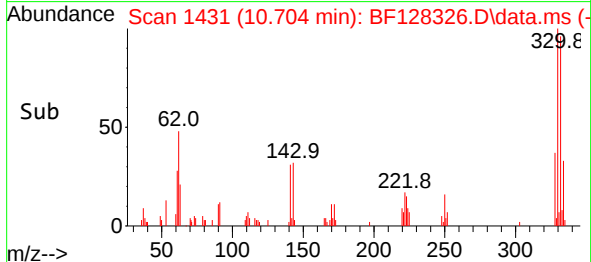
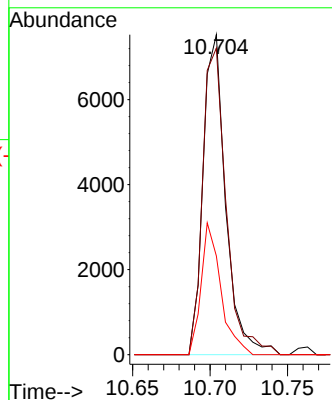
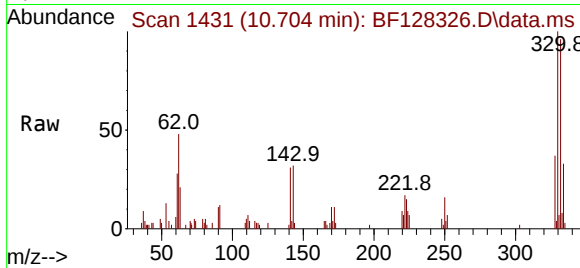




#42
2,4,6-Tribromophenol
Concen: 3.589 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

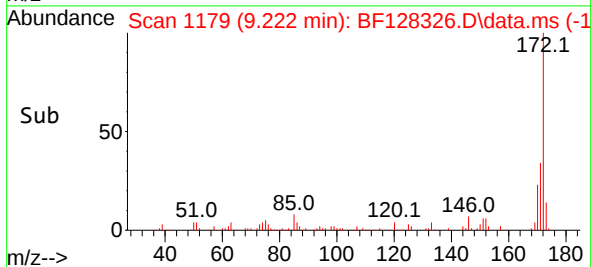
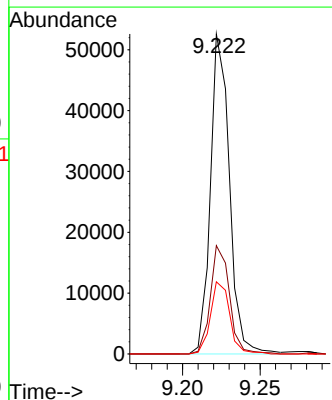
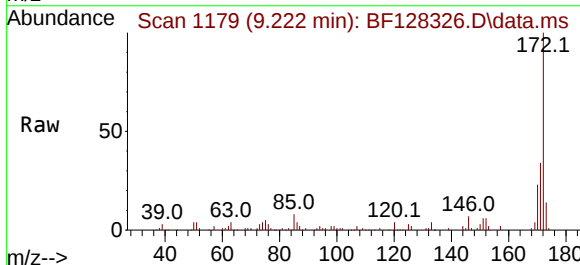
Instrument :
BNA_F
ClientSampleId :
P011-SS005-0006-01

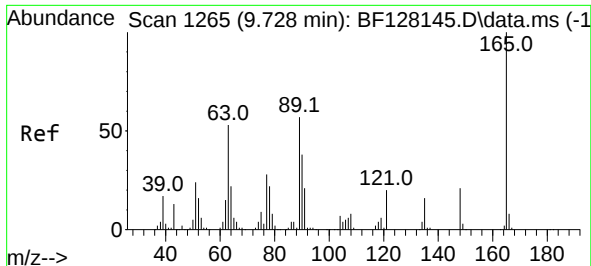
Tgt Ion: 330 Resp: 7633
Ion Ratio Lower Upper
330 100
332 99.8 79.0 118.4
141 35.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 3.783 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

Tgt Ion: 172 Resp: 44835
Ion Ratio Lower Upper
172 100
171 33.9 28.6 42.8
170 22.6 19.1 28.7

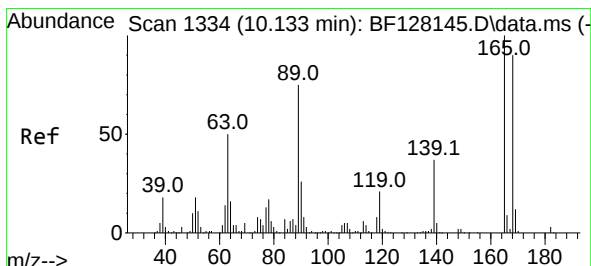
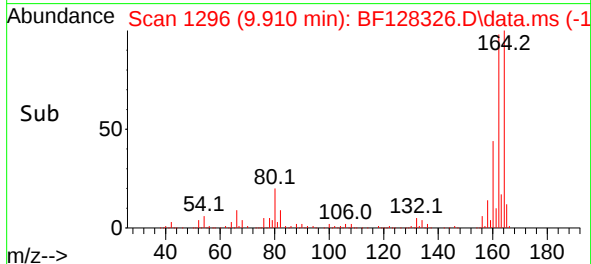
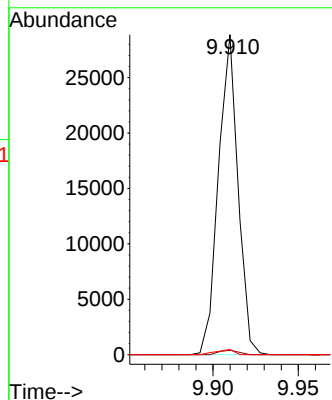
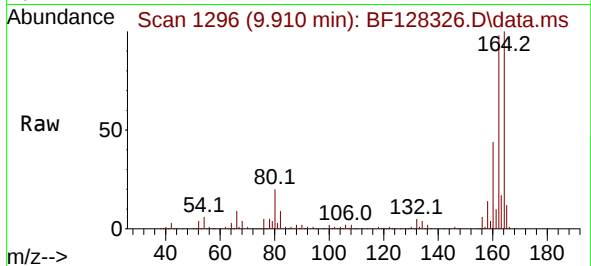




#51
2,6-Dinitrotoluene
Concen: 8.788 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

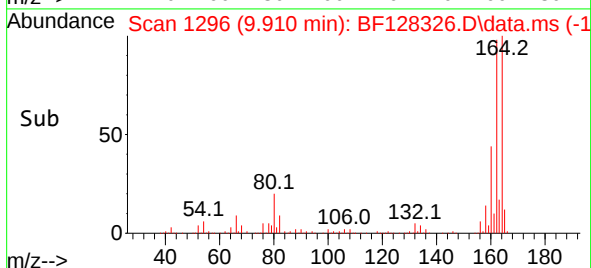
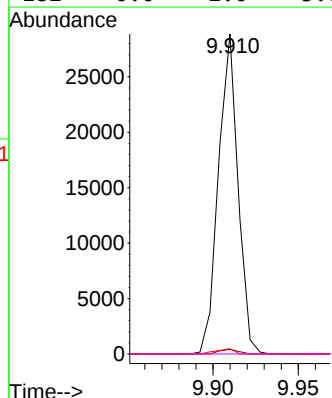
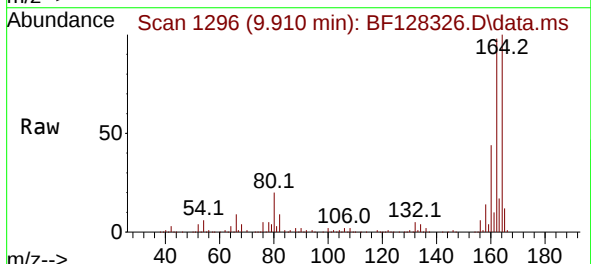
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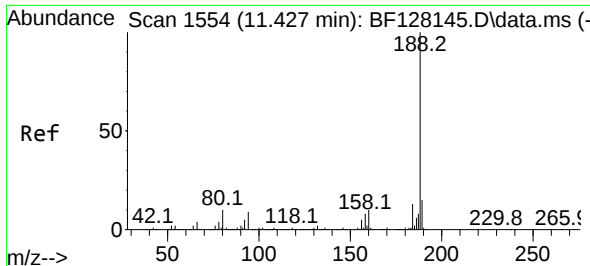
Tgt Ion:165 Resp: 23067
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.572 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.206 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

Tgt Ion:165 Resp: 23067
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

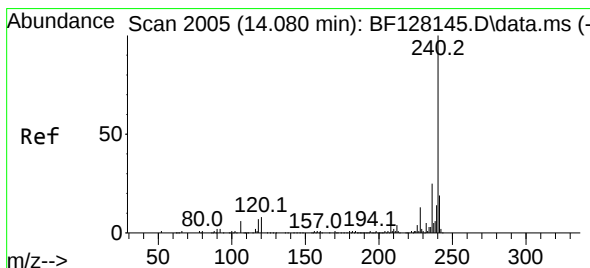
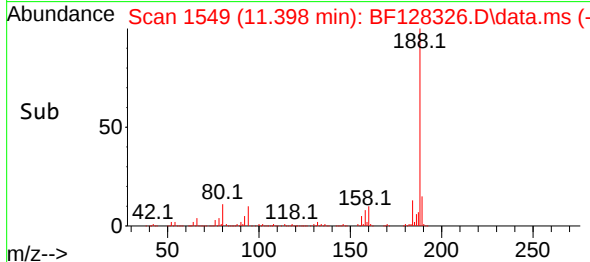
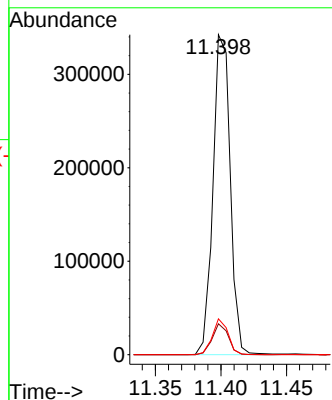
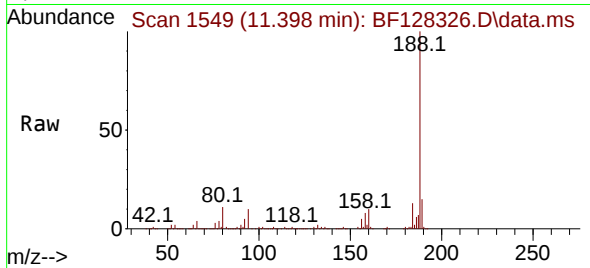




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

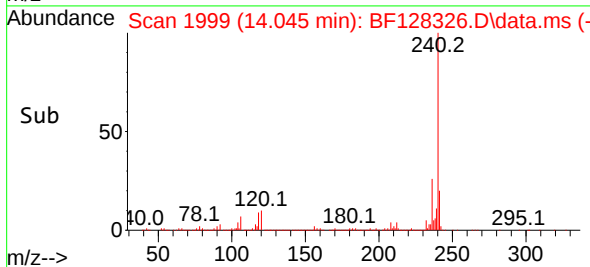
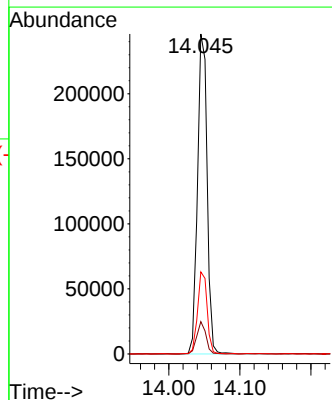
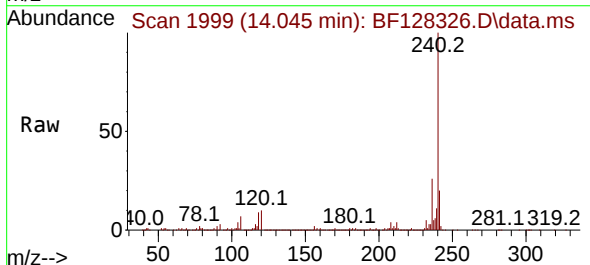
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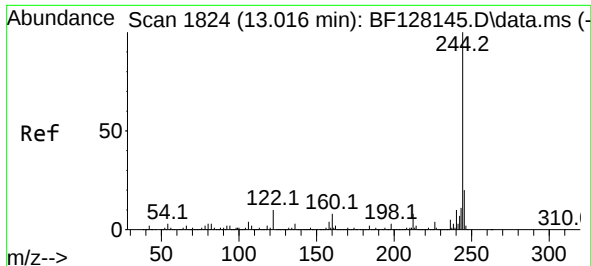
Tgt Ion:188 Resp: 313358
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 11.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128326.D
Acq: 18 May 2022 22:23

Tgt Ion:240 Resp: 232271
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 25.7 20.3 30.5

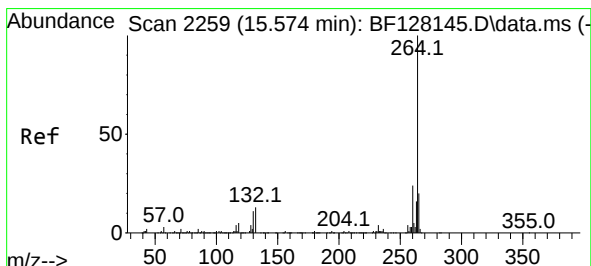
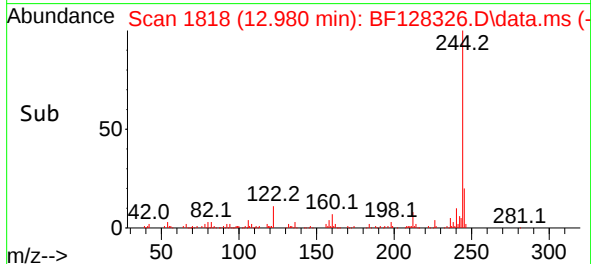
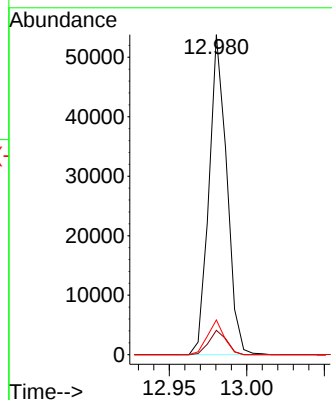
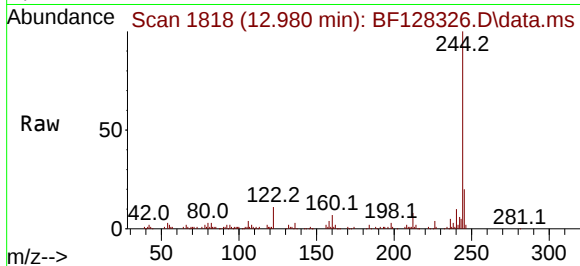




#79
 Terphenyl-d14
 Concen: 3.471 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.012 min
 Lab File: BF128326.D
 Acq: 18 May 2022 22:23

Instrument :
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Tgt Ion:244	Resp:	42965
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.2 9.4
122	10.9	8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.006 min
 Lab File: BF128326.D
 Acq: 18 May 2022 22:23

Tgt Ion:264	Resp:	178251
Ion Ratio	Lower	Upper
264	100	
260	23.8	20.1 30.1
265	20.8	17.5 26.3

