

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128303.D
 Acq On : 17 May 2022 21:09
 Operator : CG\JU
 Sample : N2878-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS019-0006-01

Quant Time: May 18 01:35:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

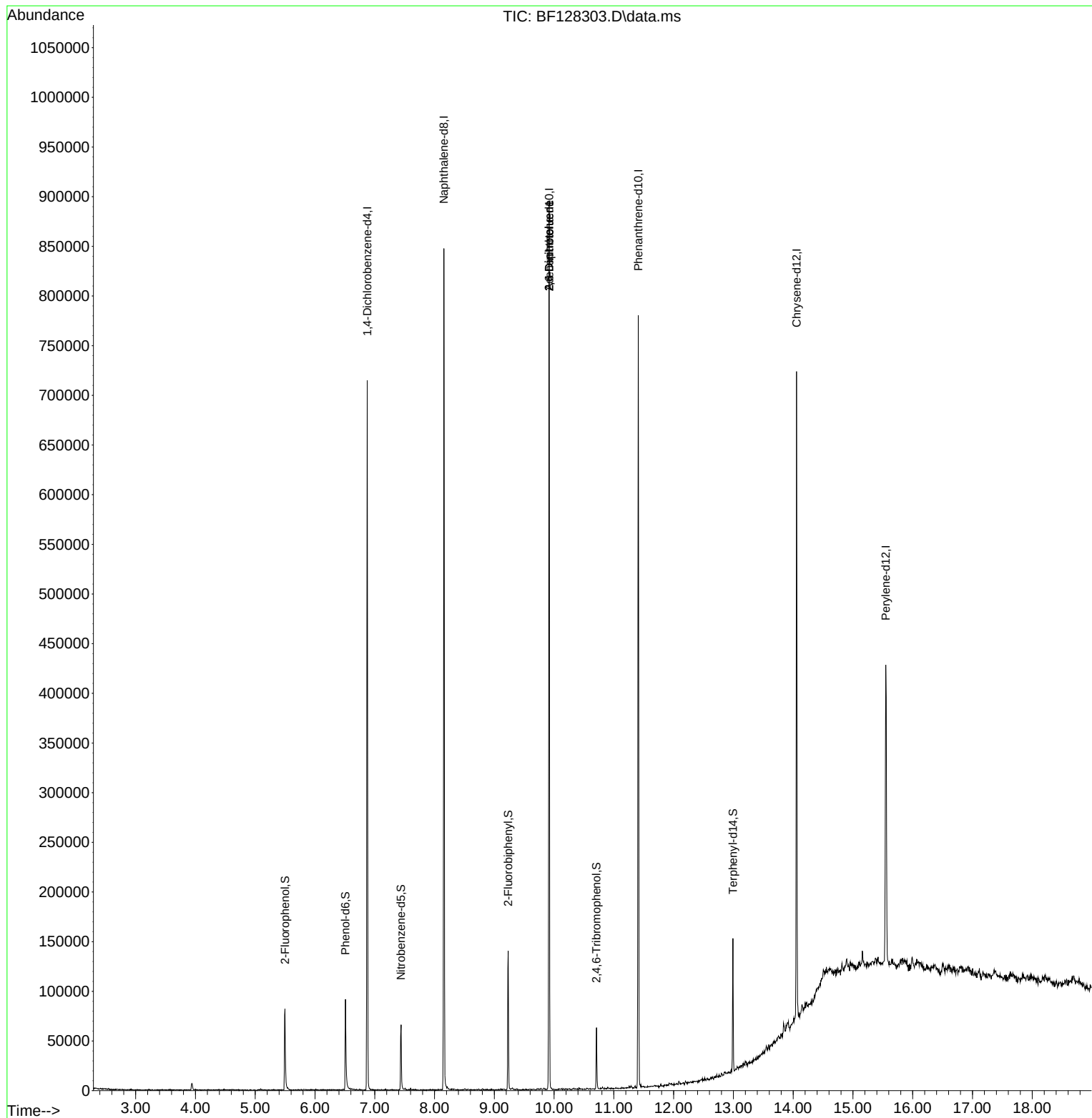
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	91062	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	340310	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	172625	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	263491	20.000	ng	0.00
76) Chrysene-d12	14.057	240	202051	20.000	ng	0.00
86) Perylene-d12	15.551	264	135095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	25075	4.390	ng	0.00
7) Phenol-d6	6.510	99	33372	4.417	ng	0.00
23) Nitrobenzene-d5	7.439	82	22194	2.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	6925	3.498	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	41308	3.744	ng	0.00
79) Terphenyl-d14	12.992	244	37156	3.451	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.916	165	22460	9.191	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	22460	6.874	ng	# 26

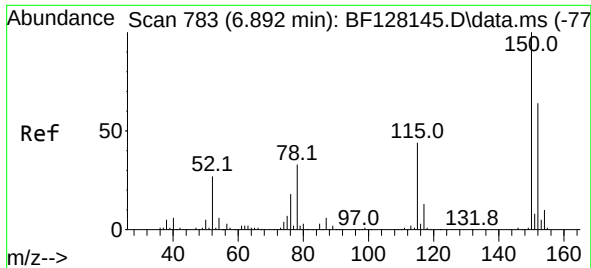
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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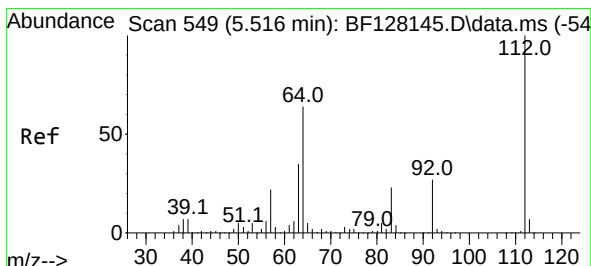
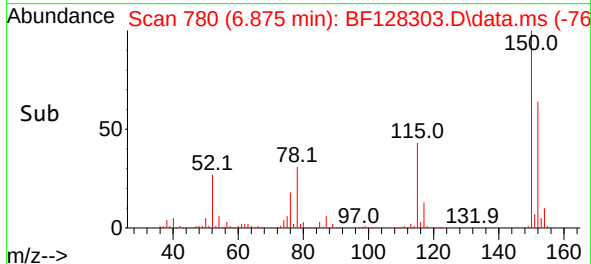
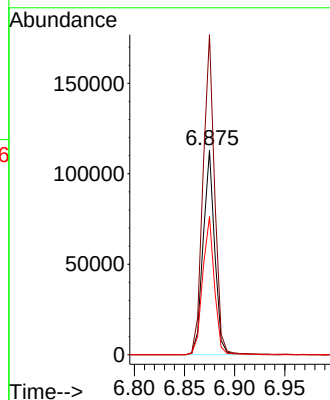
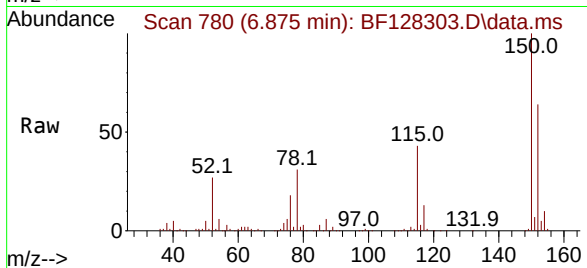




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128303.D
 Acq: 17 May 2022 21:09

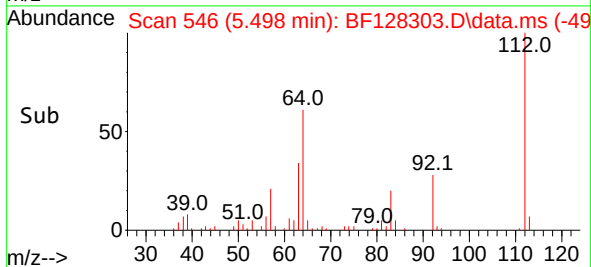
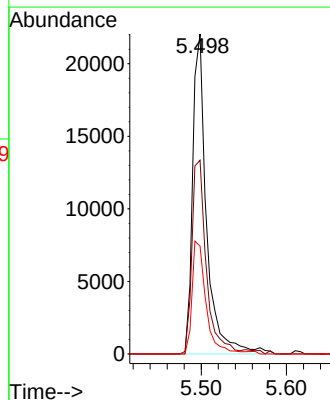
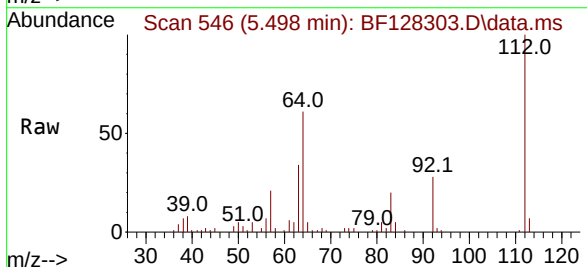
Instrument :
 BNA_F
 ClientSampleId :
 P007-SS019-0006-01

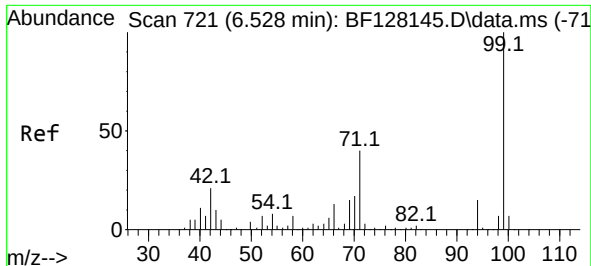
Tgt Ion:152 Resp: 91062
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.3 187.9
 115 67.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 4.390 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.000 min
 Lab File: BF128303.D
 Acq: 17 May 2022 21:09

Tgt Ion:112 Resp: 25075
 Ion Ratio Lower Upper
 112 100
 64 60.6 49.5 74.3
 63 33.7 26.3 39.5

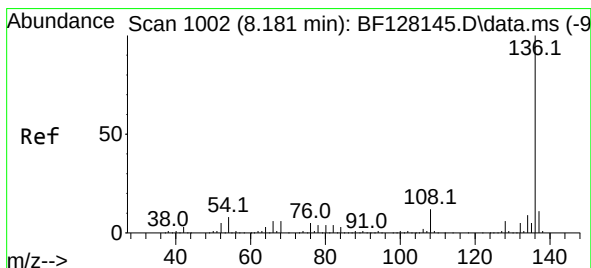
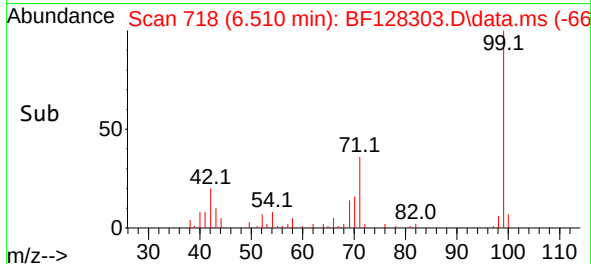
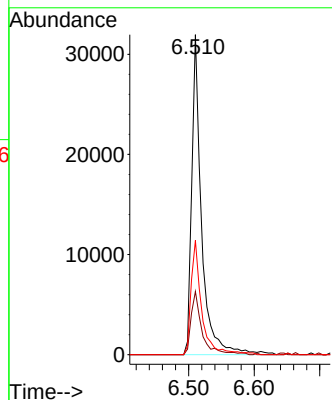
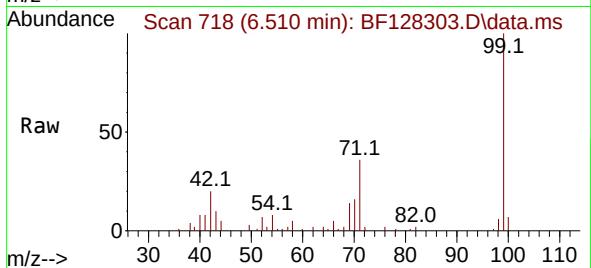




#7
Phenol-d6
Concen: 4.417 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

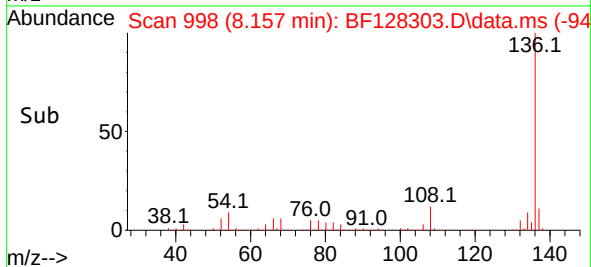
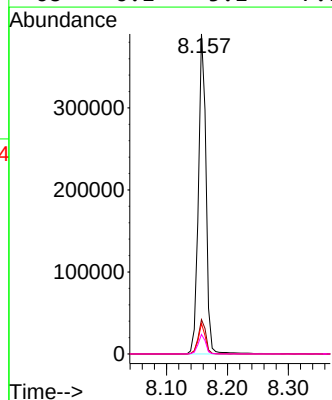
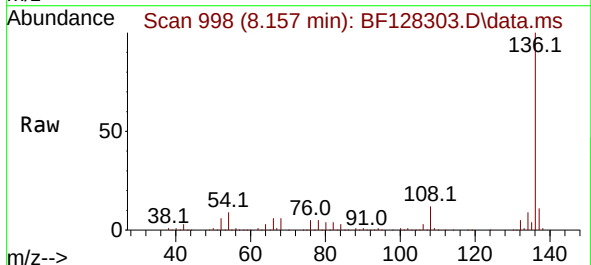
Instrument :
BNA_F
ClientSampleId :
P007-SS019-0006-01

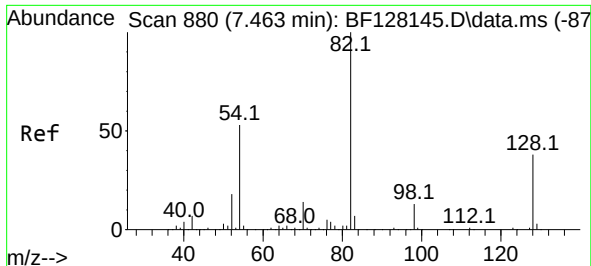
Tgt Ion: 99 Resp: 33372
Ion Ratio Lower Upper
99 100
42 19.8 16.6 24.8
71 35.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

Tgt Ion: 136 Resp: 340310
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.5 6.8 10.2
68 6.1 5.1 7.7

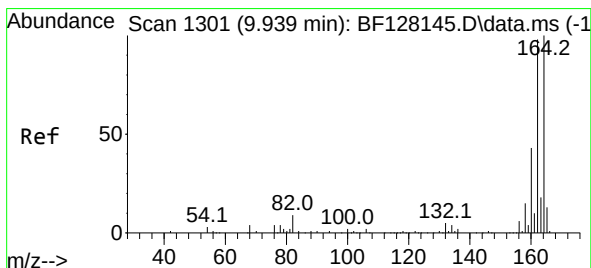
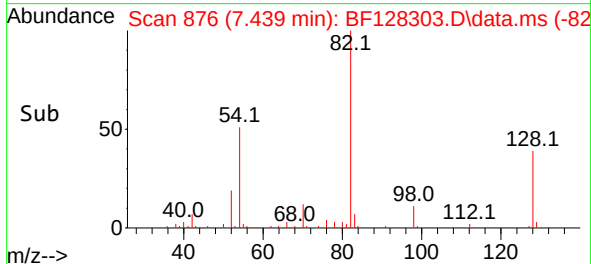
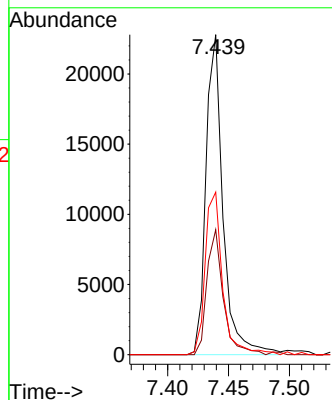
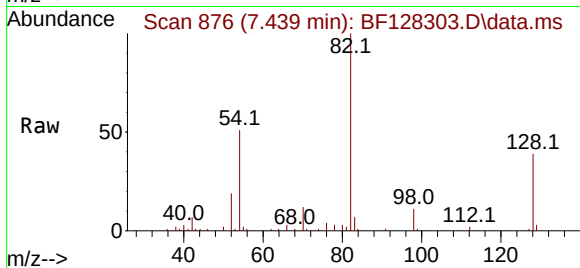




#23
Nitrobenzene-d5
Concen: 2.935 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

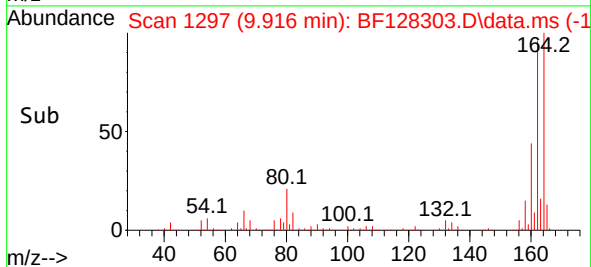
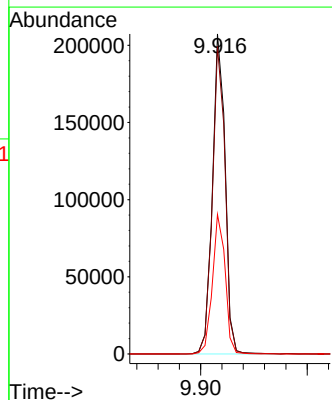
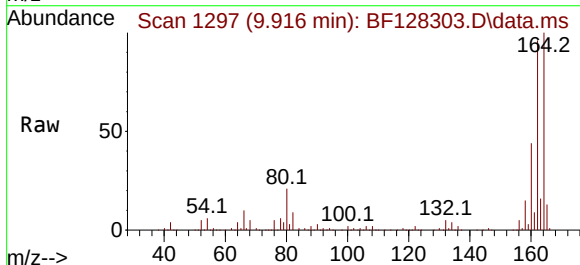
Instrument :
BNA_F
ClientSampleId :
P007-SS019-0006-01

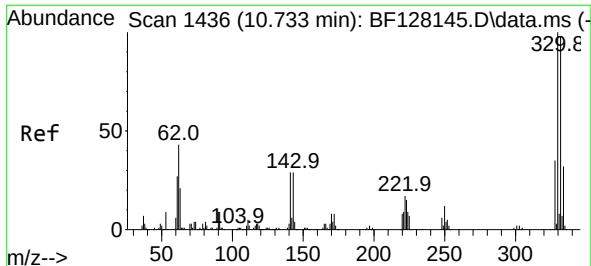
Tgt Ion: 82 Resp: 22194
Ion Ratio Lower Upper
82 100
128 39.1 30.0 45.0
54 50.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

Tgt Ion:164 Resp: 172625
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 3.498 ng

RT: 10.710 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128303.D

Acq: 17 May 2022 21:09

Instrument :

BNA_F

ClientSampleId :

P007-SS019-0006-01

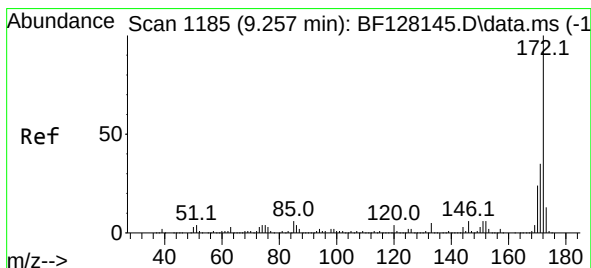
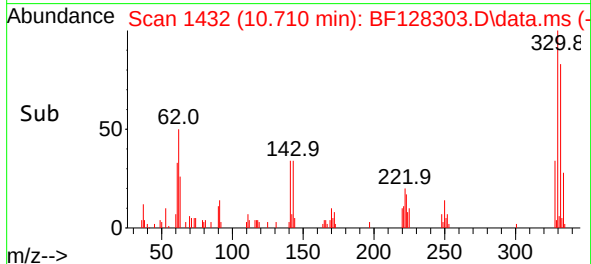
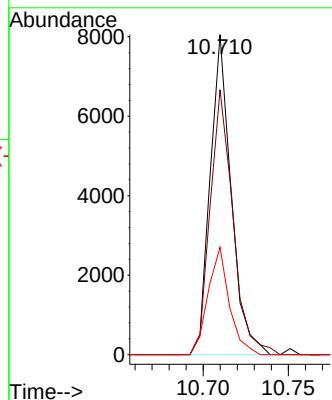
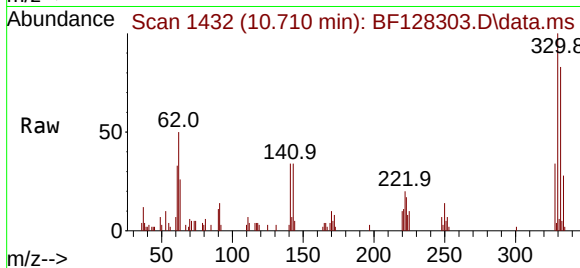
Tgt Ion:330 Resp: 6925

Ion Ratio Lower Upper

330 100

332 89.4 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 3.744 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128303.D

Acq: 17 May 2022 21:09

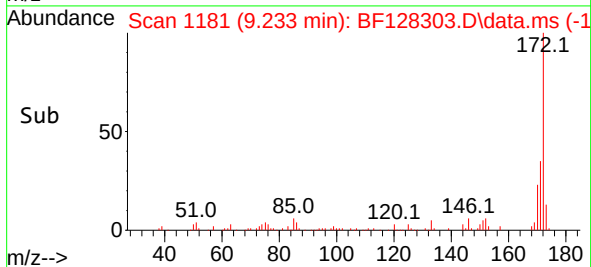
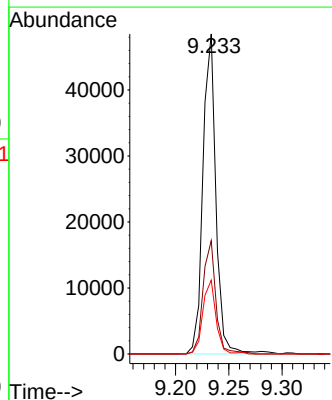
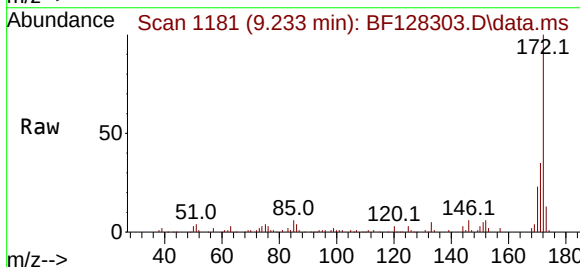
Tgt Ion:172 Resp: 41308

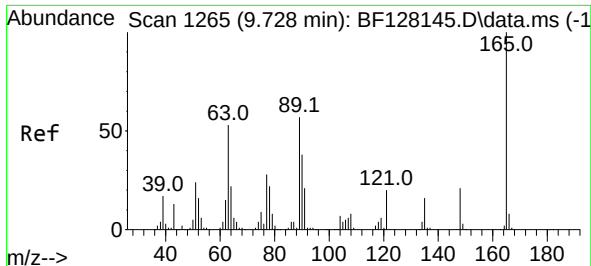
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.0 19.1 28.7

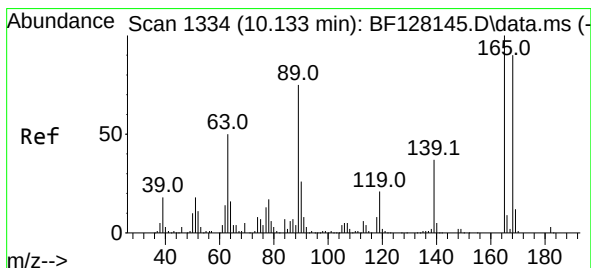
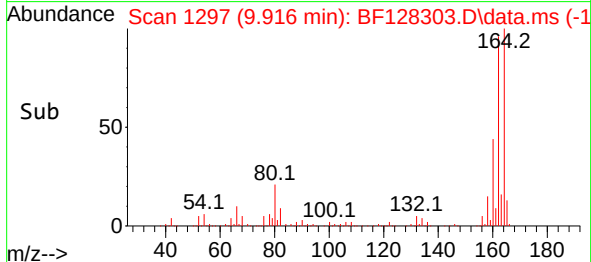
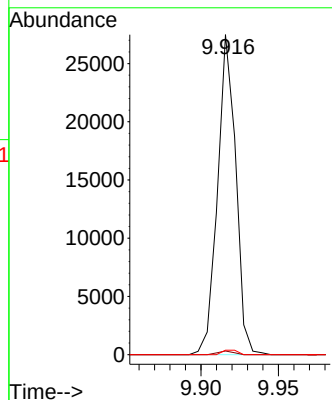
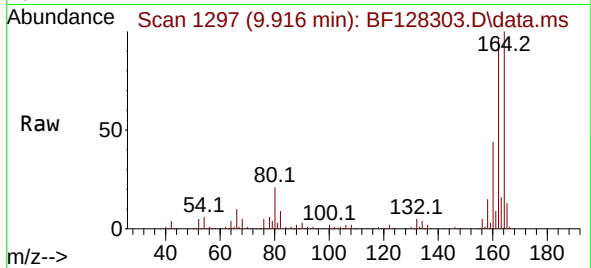




#51
2,6-Dinitrotoluene
Concen: 9.191 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

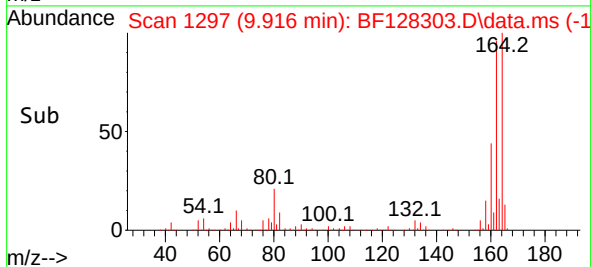
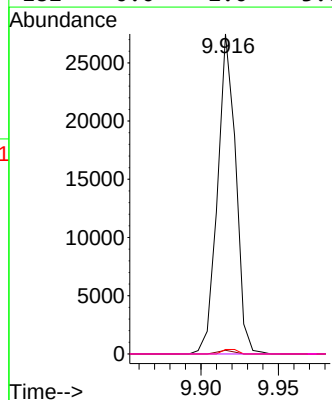
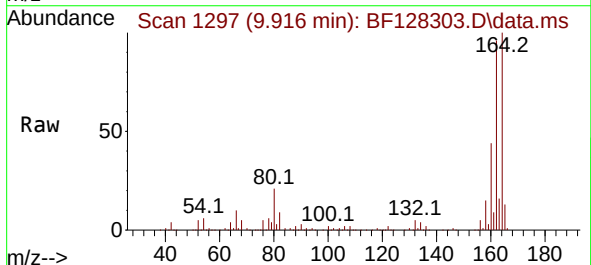
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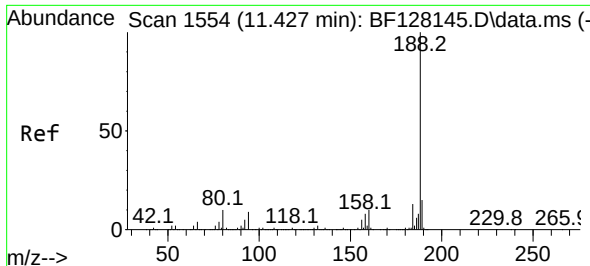
Tgt Ion:165 Resp: 22460
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.874 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

Tgt Ion:165 Resp: 22460
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

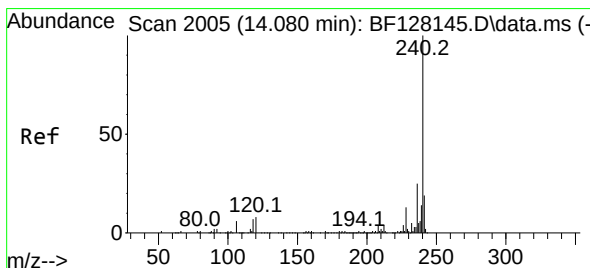
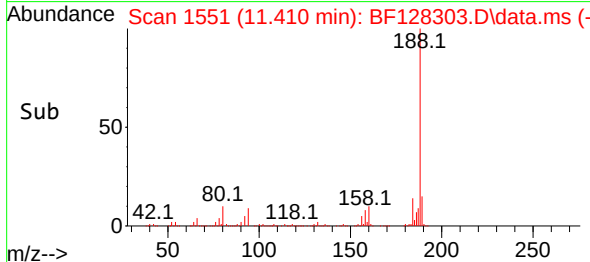
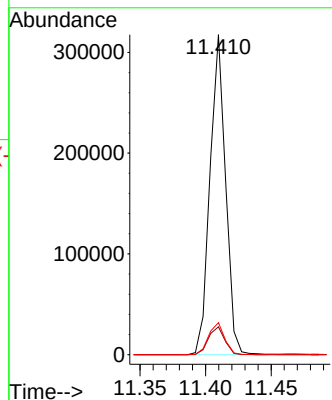
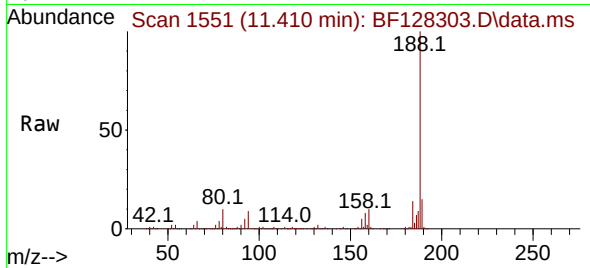




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

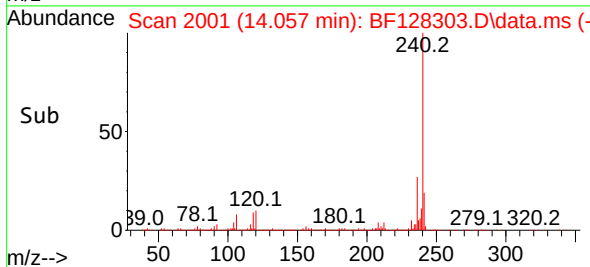
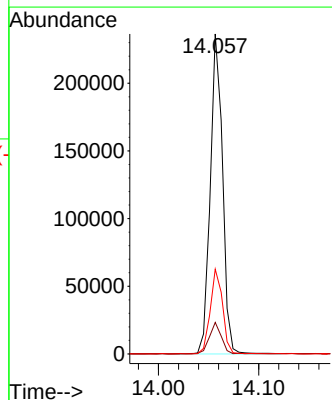
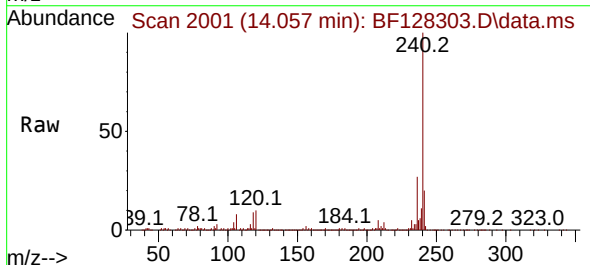
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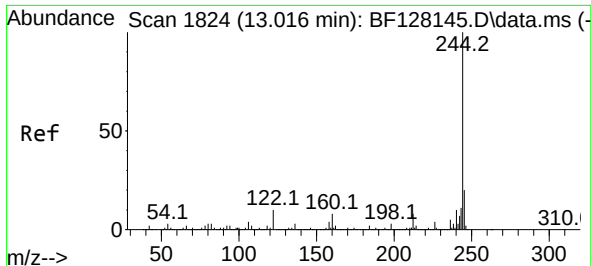
Tgt Ion:188 Resp: 263491
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF128303.D
Acq: 17 May 2022 21:09

Tgt Ion:240 Resp: 202051
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.5 20.3 30.5

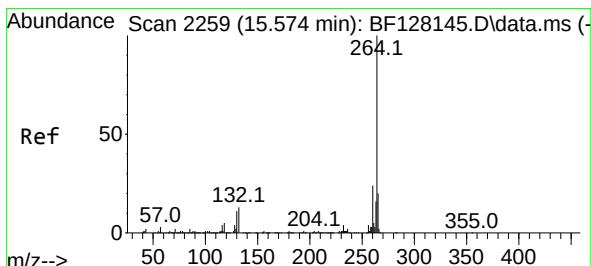
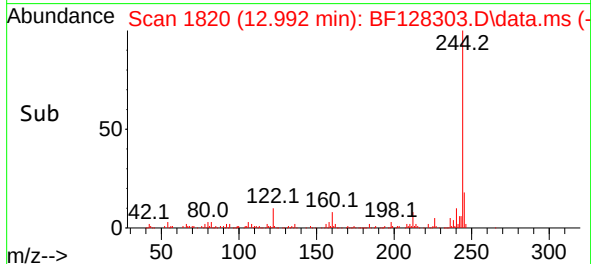
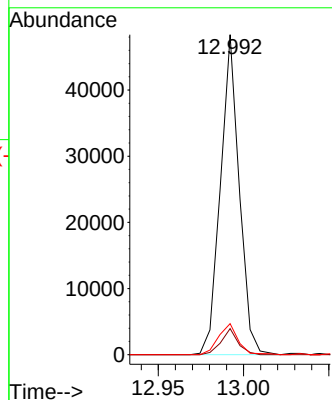
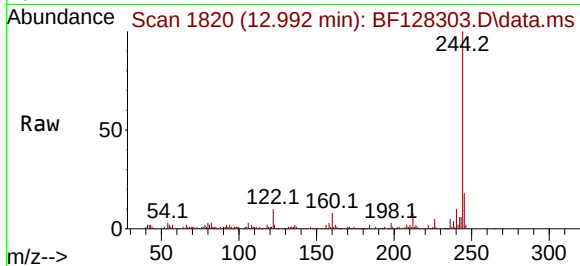




#79
 Terphenyl-d14
 Concen: 3.451 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.012 min
 Lab File: BF128303.D
 Acq: 17 May 2022 21:09

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Tgt Ion:244	Resp:	37156
Ion Ratio	Lower	Upper
244	100	
212	8.1	6.2 9.4
122	9.7	8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF128303.D
 Acq: 17 May 2022 21:09

Tgt Ion:264	Resp:	135095
Ion Ratio	Lower	Upper
264	100	
260	23.7	20.1 30.1
265	22.2	17.5 26.3

