

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128271.D
 Acq On : 16 May 2022 16:42
 Operator : CG\JU
 Sample : N2823-02DL2 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-2DL2

Quant Time: May 17 06:22:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

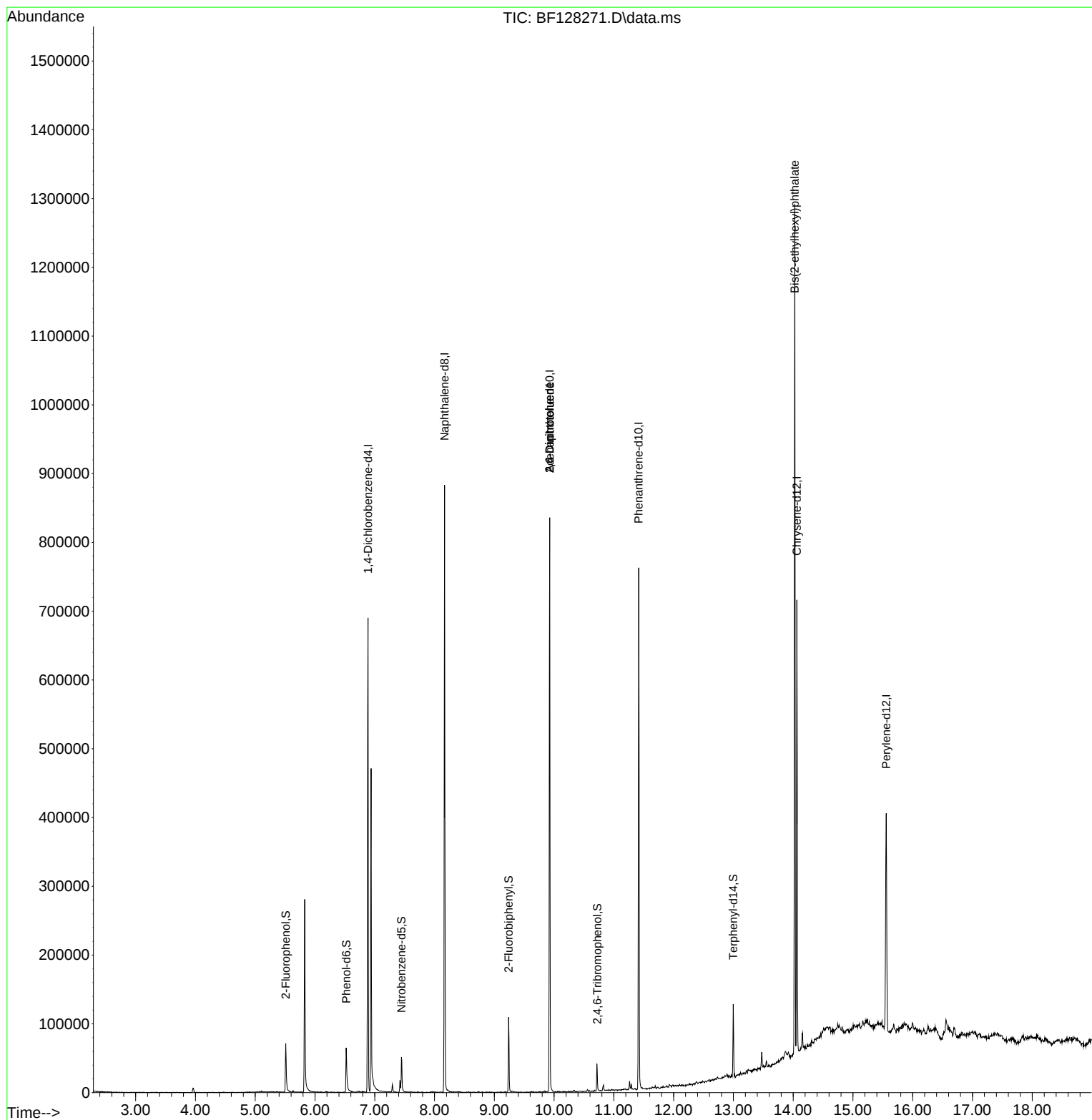
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	89213	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	327884	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	166364	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	251059	20.000	ng	0.00
76) Chrysene-d12	14.063	240	206787	20.000	ng	0.00
86) Perylene-d12	15.557	264	137817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	20519	3.667	ng	0.00
7) Phenol-d6	6.522	99	27763	3.751	ng	0.00
23) Nitrobenzene-d5	7.445	82	17918	2.459	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	4482	2.349	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	33250	3.127	ng	-0.01
79) Terphenyl-d14	12.998	244	30101	2.731	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.928	165	20645	8.766	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	20645	6.556	ng	# 25
84) Bis(2-ethylhexyl)phtha...	14.027	149	297338	35.303	ng	100

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

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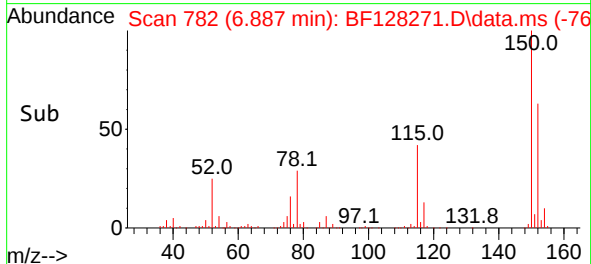
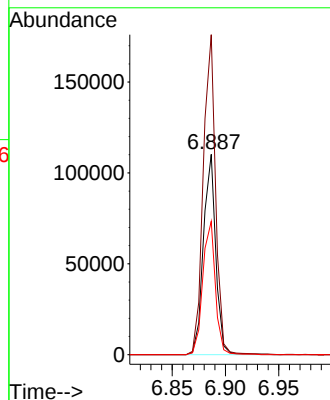
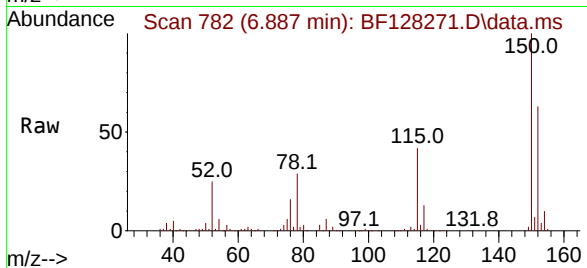




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

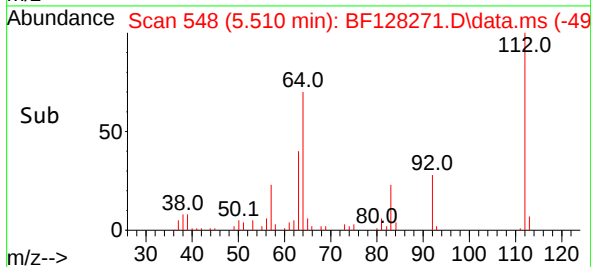
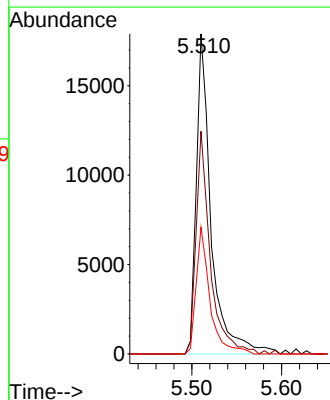
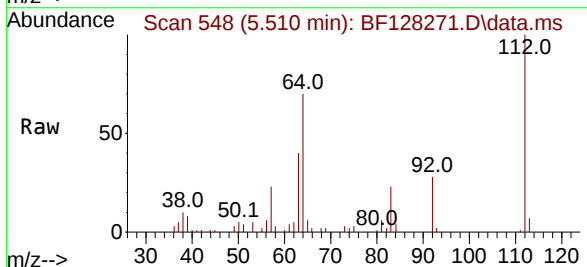
Instrument :
BNA_F
ClientSampleId :
SC-2DL2

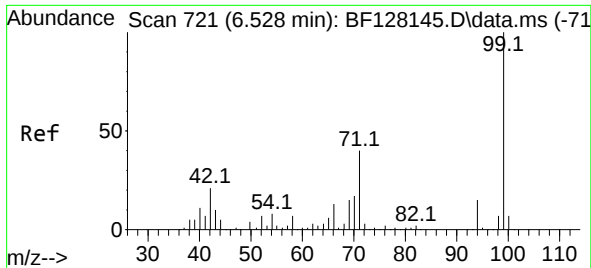
Tgt Ion:152 Resp: 89213
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 66.5 48.8 73.2



#5
2-Fluorophenol
Concen: 3.667 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

Tgt Ion:112 Resp: 20519
Ion Ratio Lower Upper
112 100
64 69.6 49.5 74.3
63 39.6 26.3 39.5#

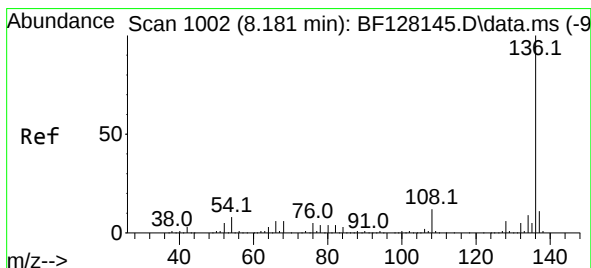
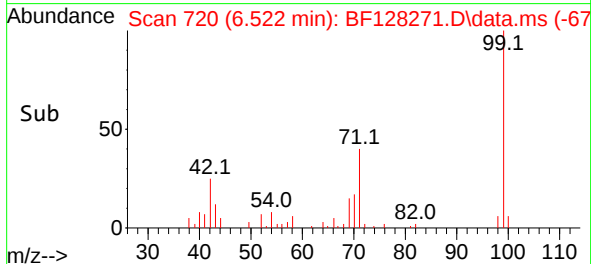
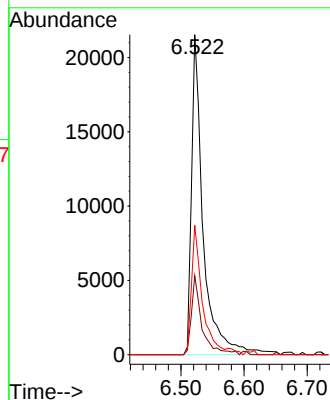
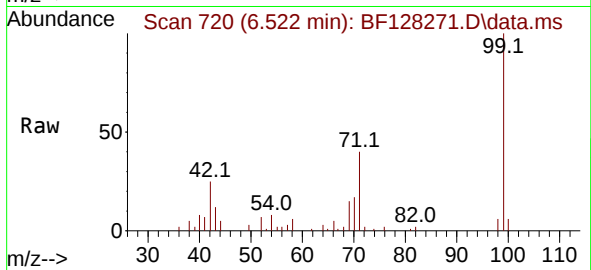




#7
Phenol-d6
Concen: 3.751 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

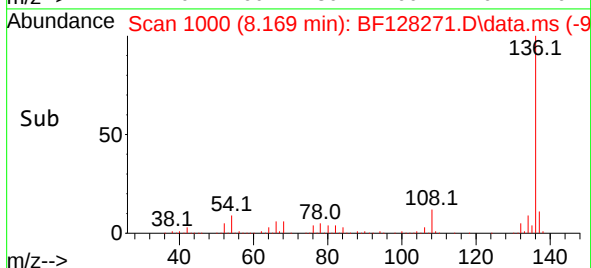
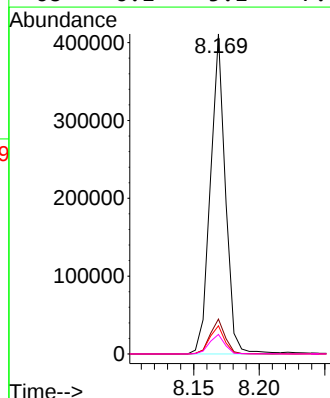
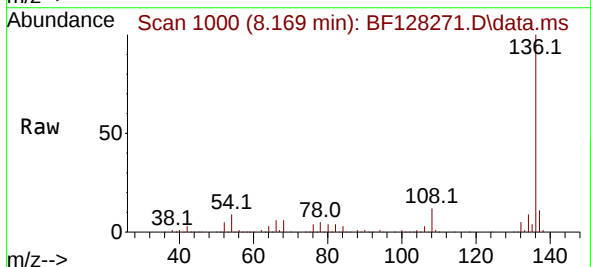
Instrument :
BNA_F
ClientSampleId :
SC-2DL2

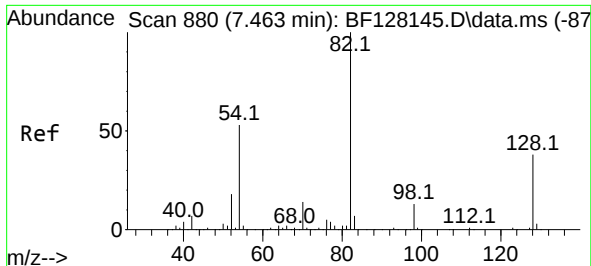
Tgt Ion: 99 Resp: 27763
Ion Ratio Lower Upper
99 100
42 24.6 16.6 24.8
71 40.4 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

Tgt Ion: 136 Resp: 327884
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.8 10.2
68 6.1 5.1 7.7

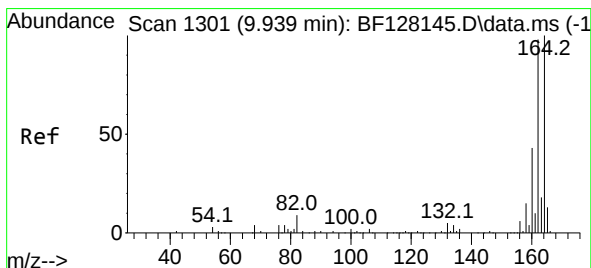
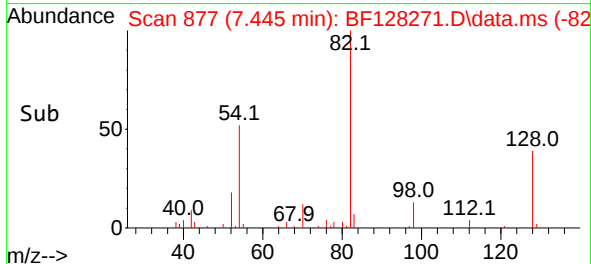
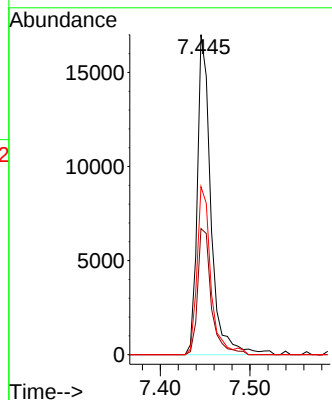
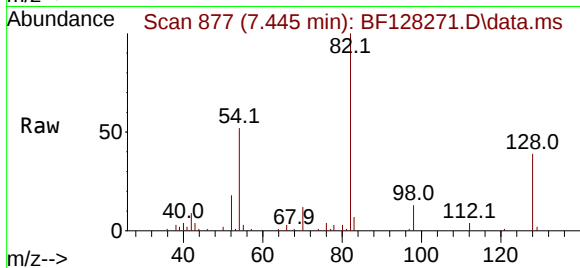




#23
Nitrobenzene-d5
Concen: 2.459 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

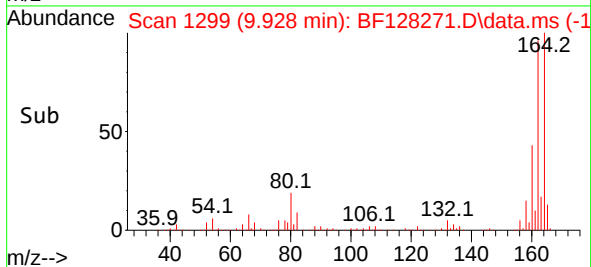
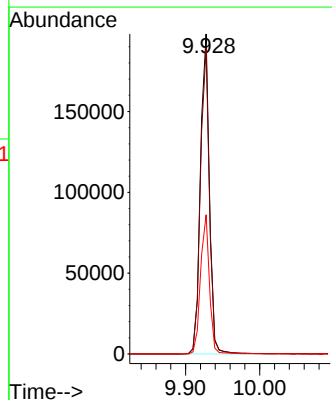
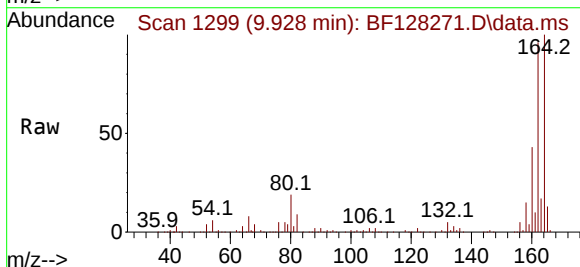
Instrument :
BNA_F
ClientSampleId :
SC-2DL2

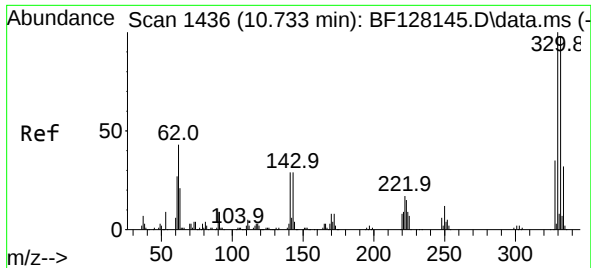
Tgt Ion: 82 Resp: 17918
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 52.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

Tgt Ion: 164 Resp: 166364
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 43.5 34.8 52.2

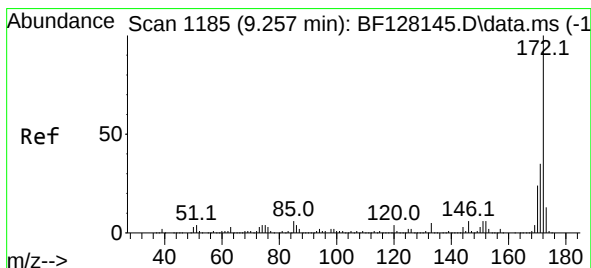
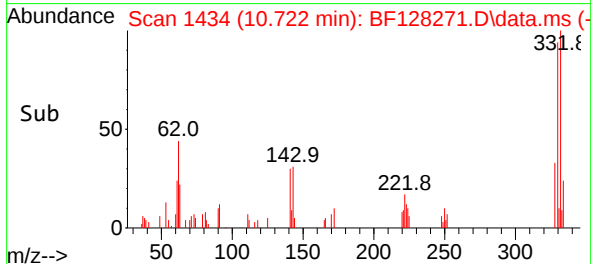
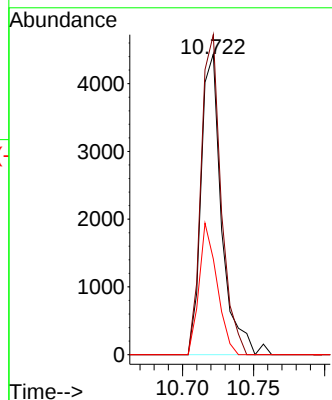
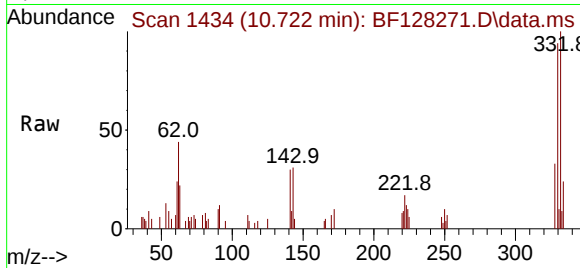




#42
2,4,6-Tribromophenol
Concen: 2.349 ng
RT: 10.722 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

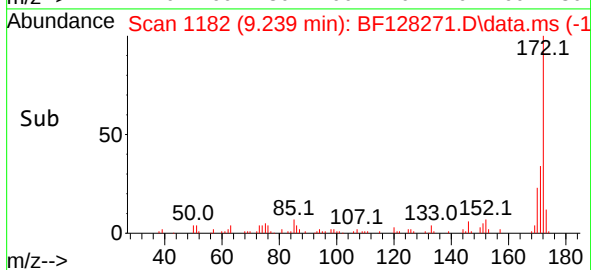
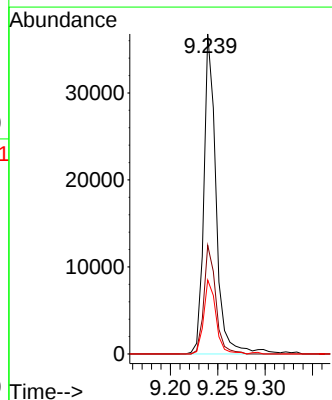
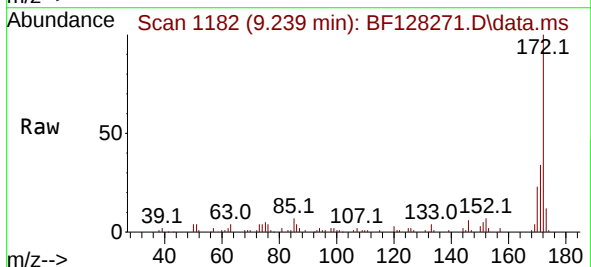
Instrument :
BNA_F
ClientSampleId :
SC-2DL2

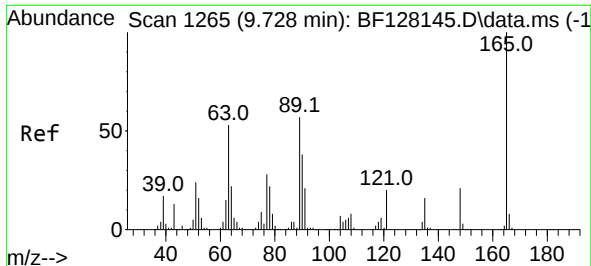
Tgt Ion: 330 Resp: 4482
Ion Ratio Lower Upper
330 100
332 103.2 79.0 118.4
141 38.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 3.127 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

Tgt Ion: 172 Resp: 33250
Ion Ratio Lower Upper
172 100
171 33.9 28.6 42.8
170 23.1 19.1 28.7

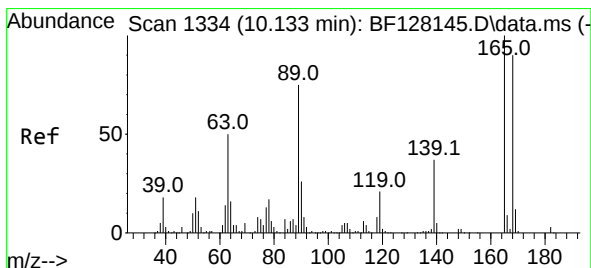
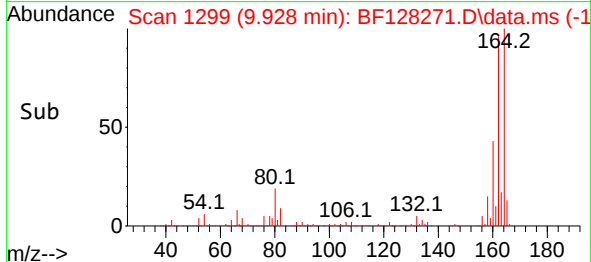
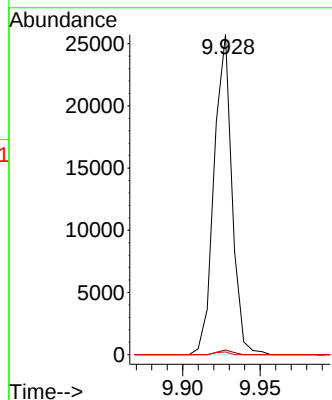
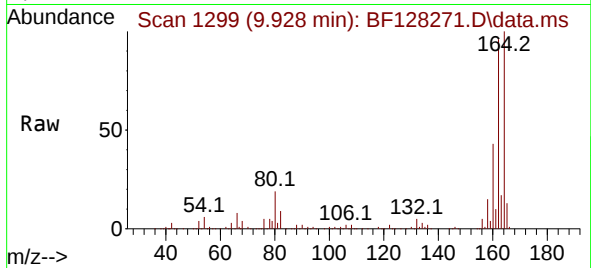




#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

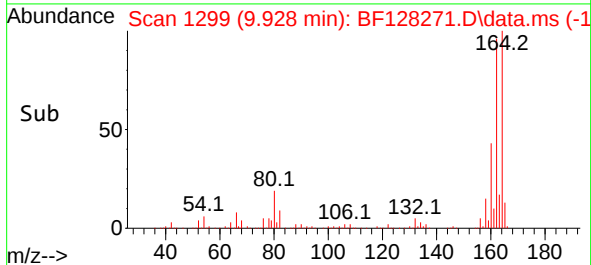
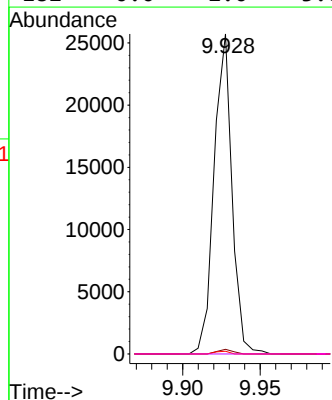
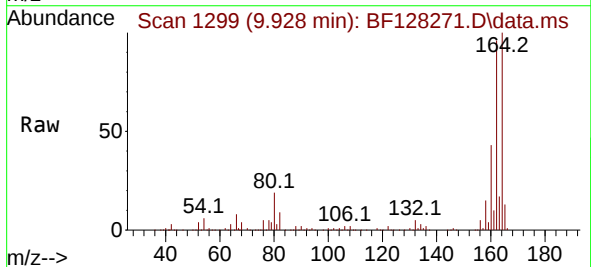
Instrument :
BNA_F
ClientSampleId :
SC-2DL2

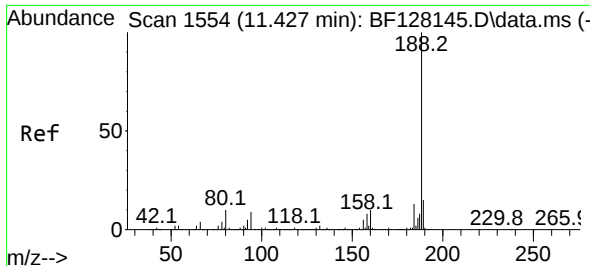
Tgt Ion:165 Resp: 20645
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 0.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

Tgt Ion:165 Resp: 20645
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 0.8 55.2 82.8#
182 0.0 2.0 3.0#

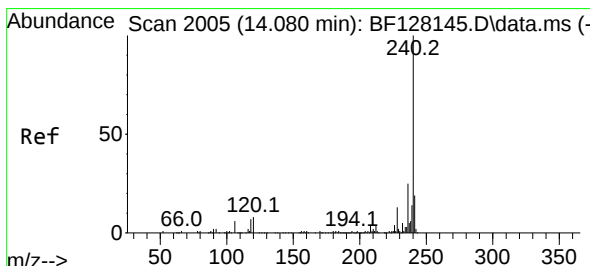
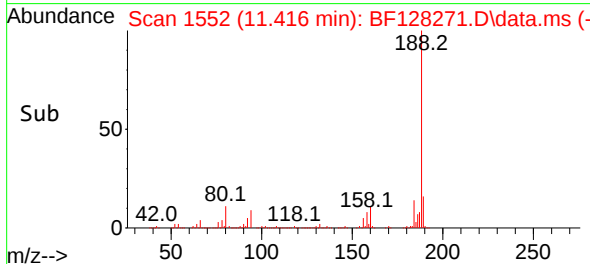
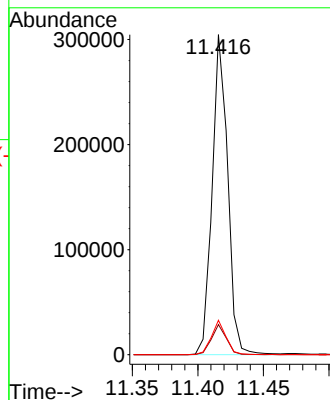
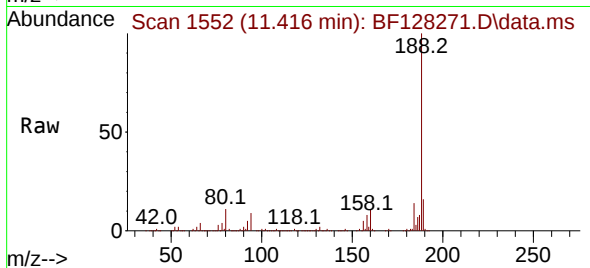




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

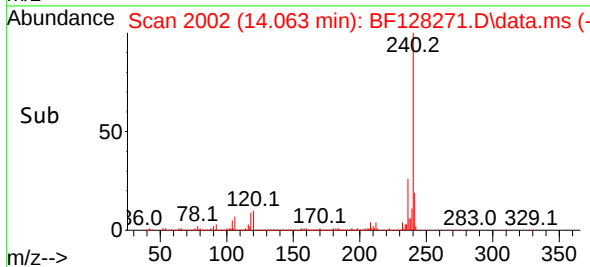
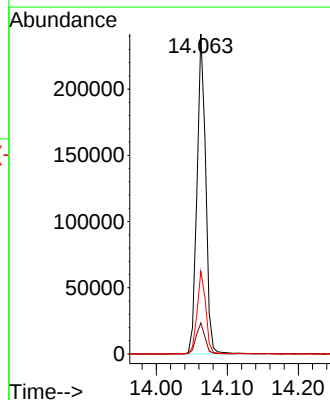
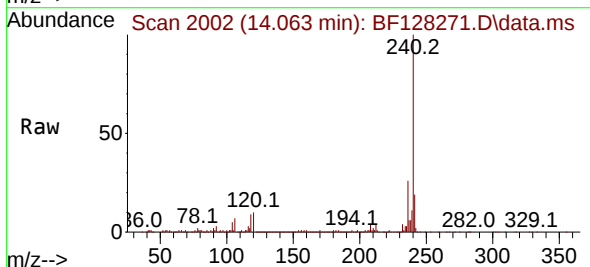
Instrument :
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SC-2DL2

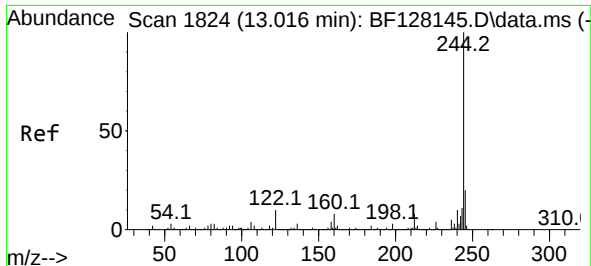
Tgt Ion:188 Resp: 251059
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128271.D
Acq: 16 May 2022 16:42

Tgt Ion:240 Resp: 206787
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.8 20.3 30.5

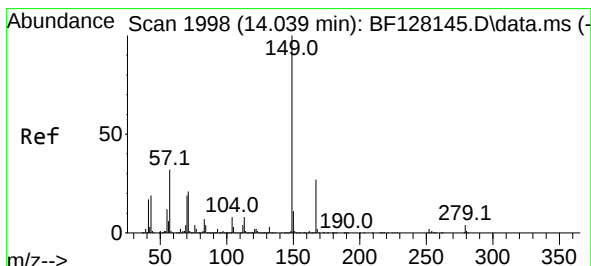
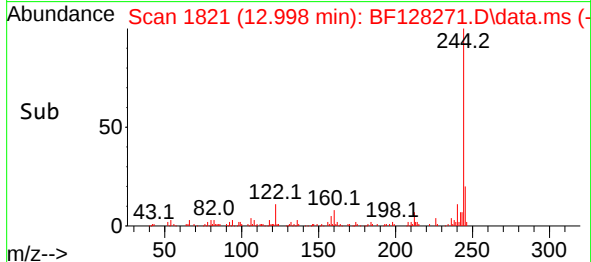
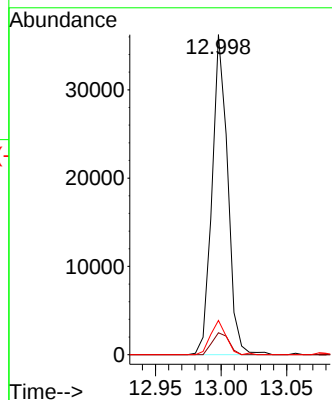
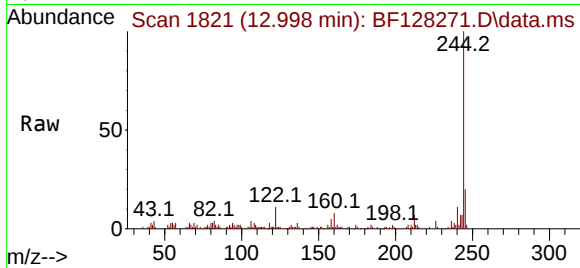




#79
 Terphenyl-d14
 Concen: 2.731 ng
 RT: 12.998 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF128271.D
 Acq: 16 May 2022 16:42

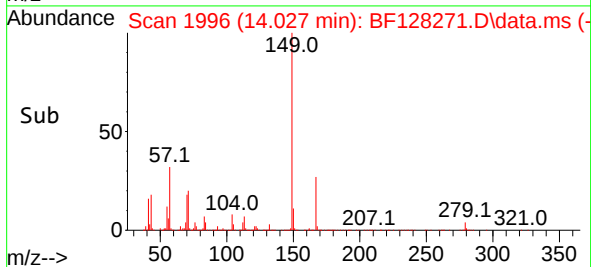
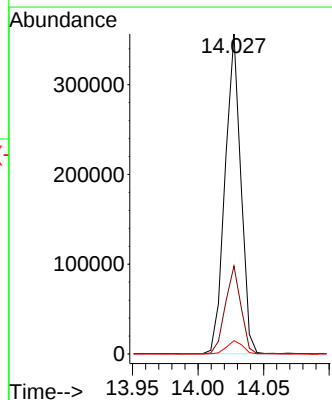
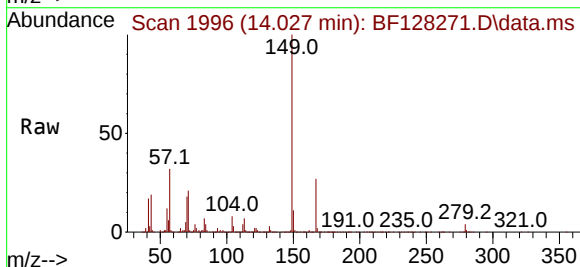
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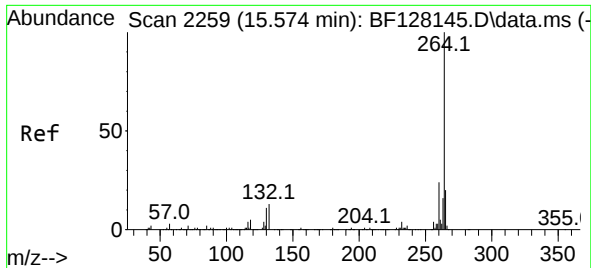
Tgt Ion:244 Resp: 30101
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 10.7 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.303 ng
 RT: 14.027 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BF128271.D
 Acq: 16 May 2022 16:42

Tgt Ion:149 Resp: 297338
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.0 33.0
 279 4.2 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128271.D
 Acq: 16 May 2022 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SC-2DL2

Tgt Ion:264 Resp: 137817
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 21.2 17.5 26.3

