

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127662.D
 Acq On : 06 Apr 2022 22:04
 Operator : CG\JU
 Sample : N2229-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

Quant Time: Apr 07 02:40:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

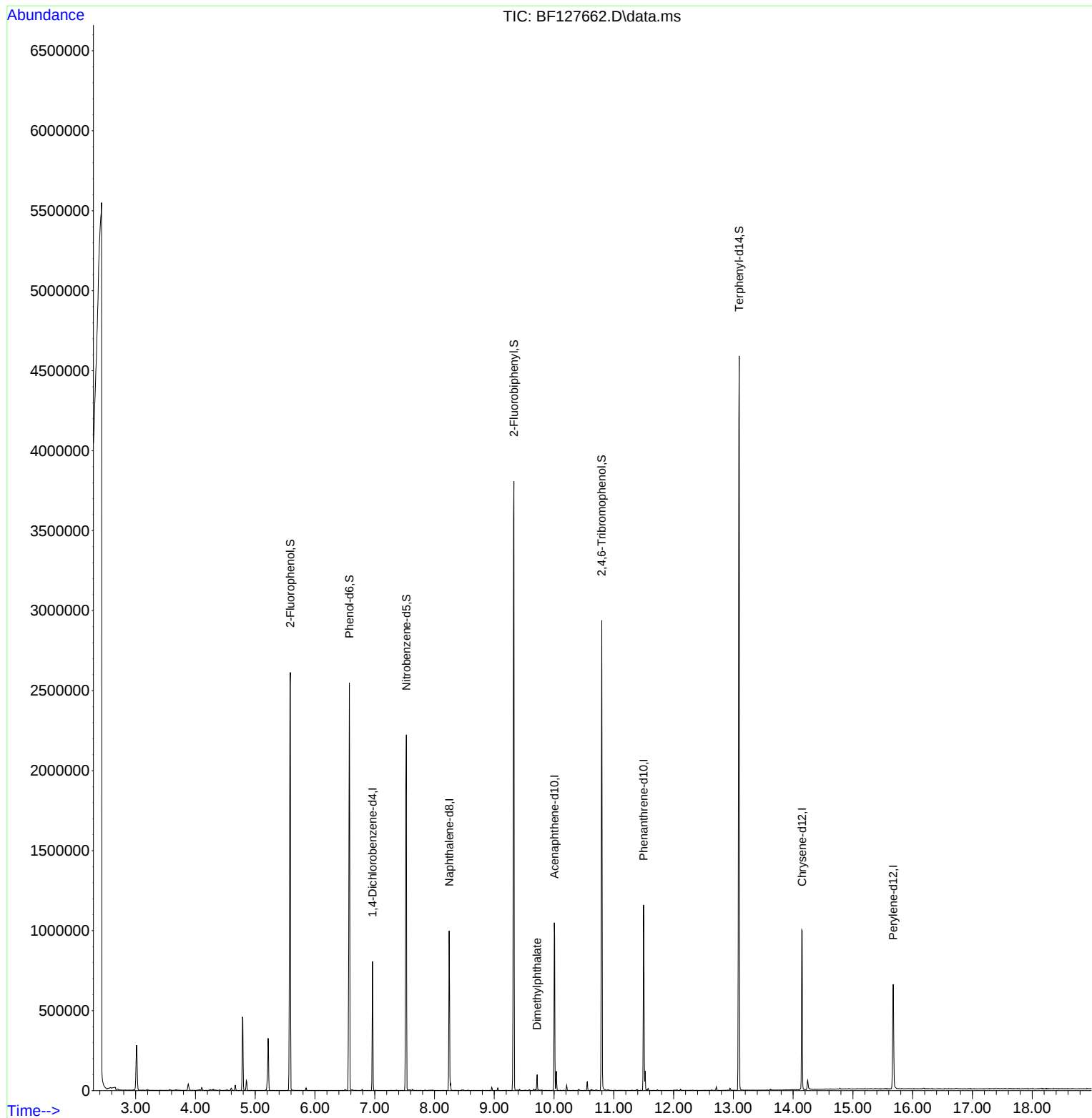
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99519	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	366409	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	211894	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	412679	20.000	ng	0.00
76) Chrysene-d12	14.151	240	368609	20.000	ng	0.00
86) Perylene-d12	15.674	264	311482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	717283	117.115	ng	0.00
7) Phenol-d6	6.575	99	827918	103.331	ng	0.00
23) Nitrobenzene-d5	7.528	82	720468	87.660	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	310199	137.569	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1241821	82.908	ng	0.00
79) Terphenyl-d14	13.098	244	1763896	78.986	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.716	163	31202	2.031	ng	Qvalue 100

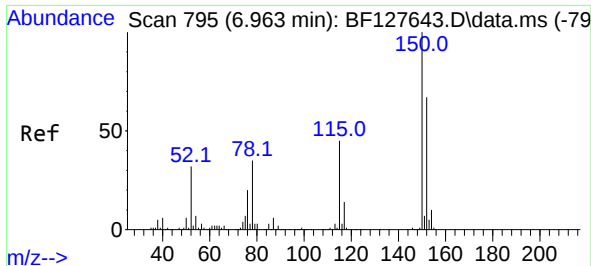
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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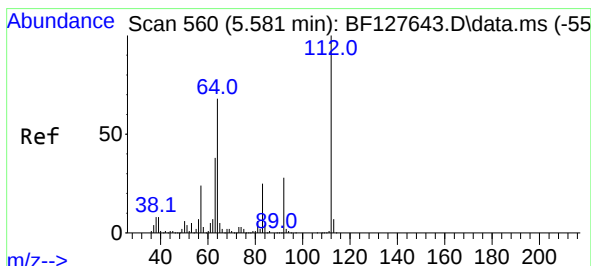
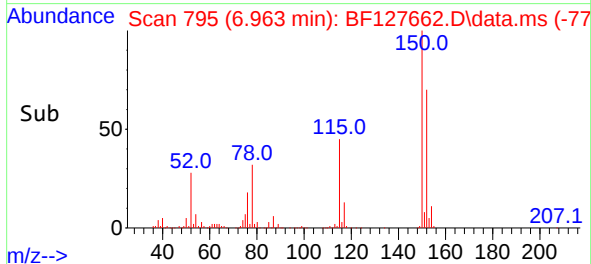
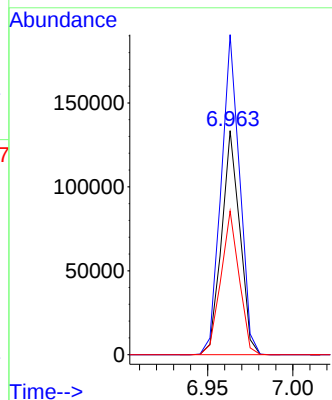
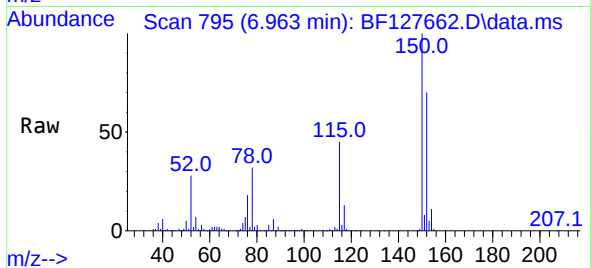




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

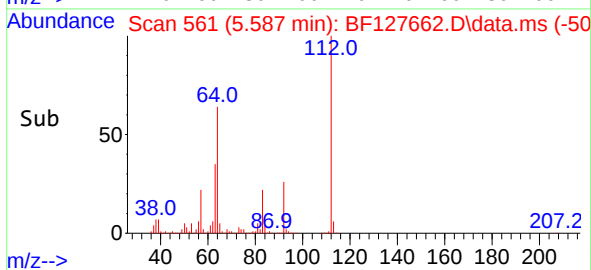
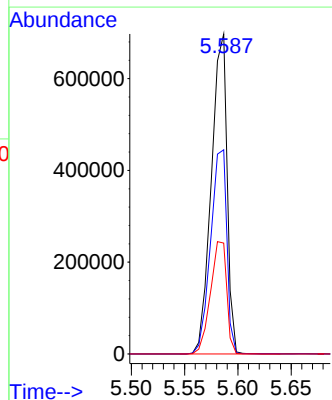
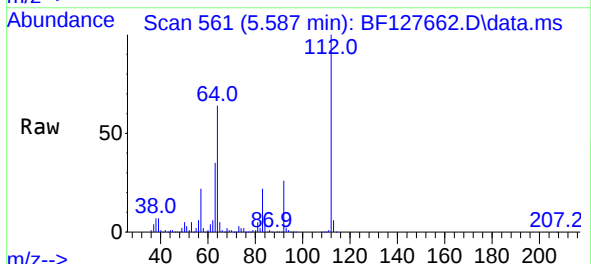
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

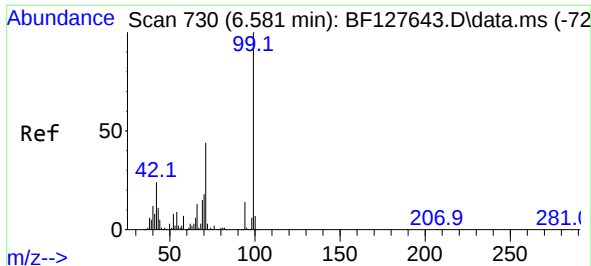
Tgt Ion:152 Resp: 99519
Ion Ratio Lower Upper
152 100
150 142.9 117.2 175.8
115 64.1 49.8 74.6



#5
2-Fluorophenol
Concen: 117.115 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:112 Resp: 717283
Ion Ratio Lower Upper
112 100
64 63.8 58.4 87.6
63 34.6 30.1 45.1

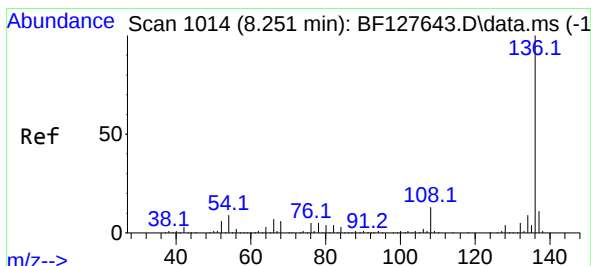
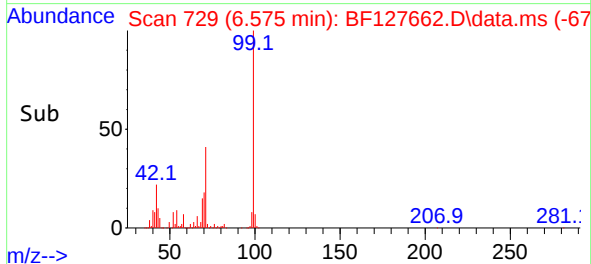
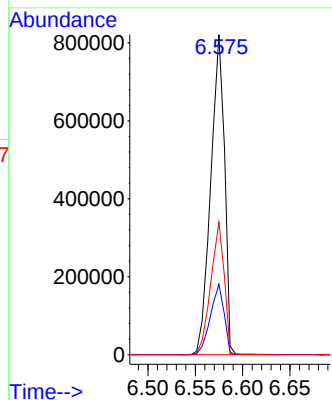
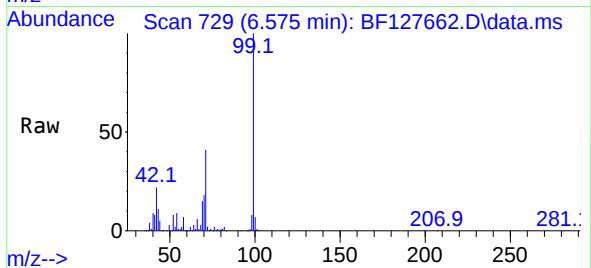




#7
Phenol-d6
Concen: 103.331 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

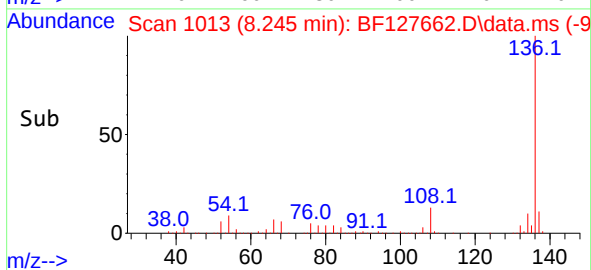
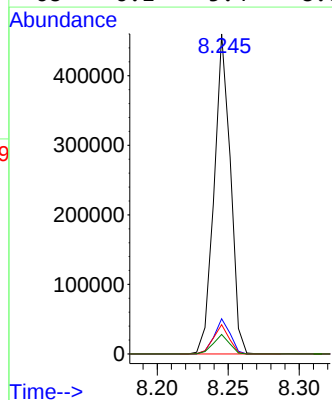
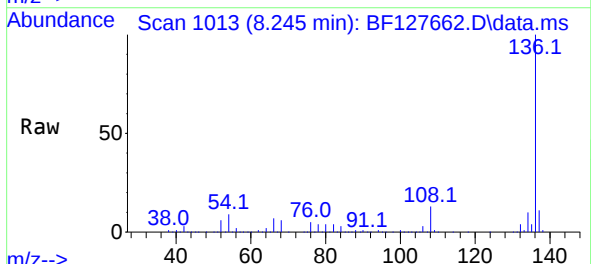
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

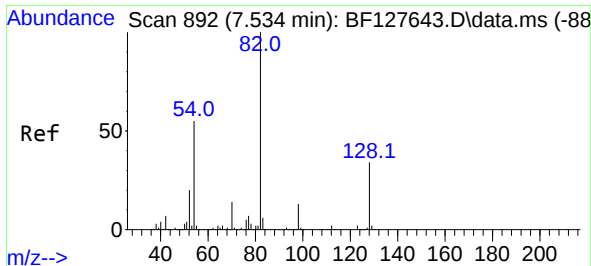
Tgt Ion: 99 Resp: 827918
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 41.4 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion: 136 Resp: 366409
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 9.2 13.8#
68 6.1 5.4 8.0

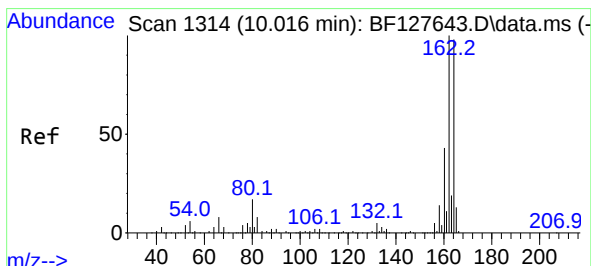
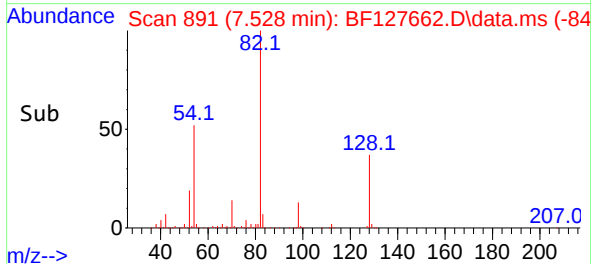
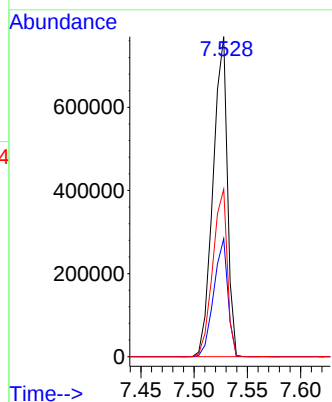
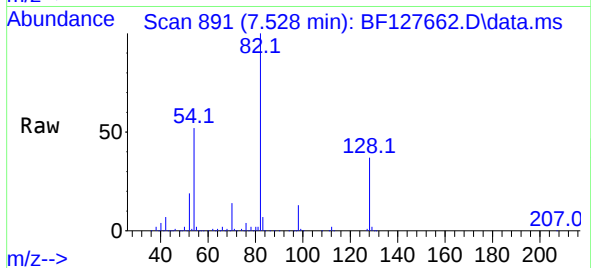




#23
Nitrobenzene-d5
Concen: 87.660 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

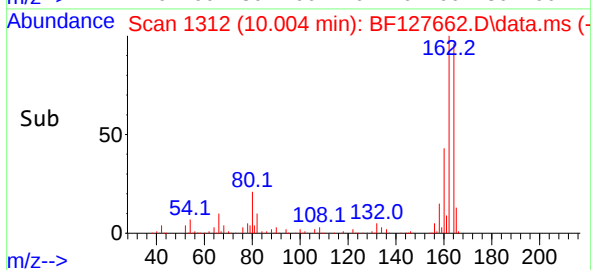
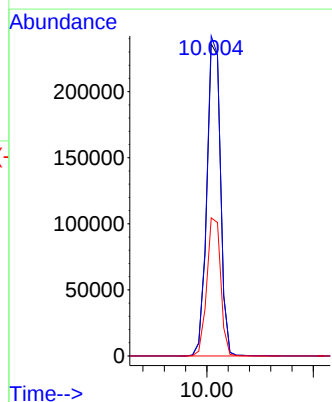
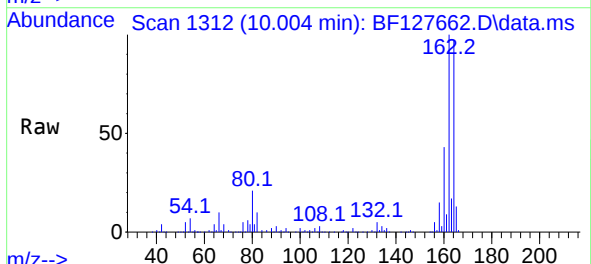
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

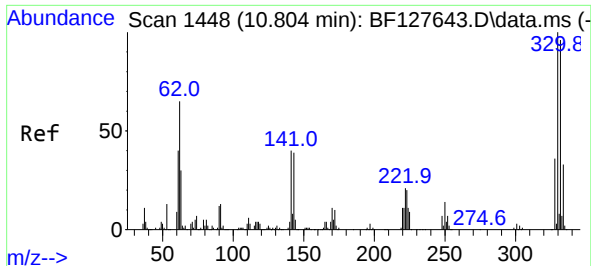
Tgt Ion: 82 Resp: 720468
Ion Ratio Lower Upper
82 100
128 36.9 30.6 45.8
54 52.4 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

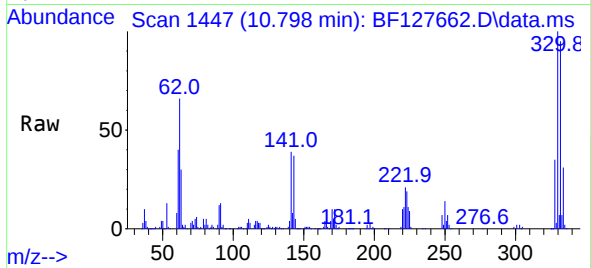
Tgt Ion: 164 Resp: 211894
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 44.3 34.6 52.0



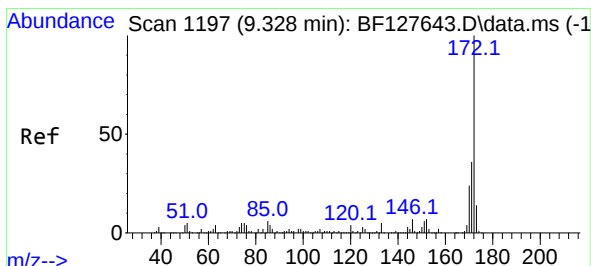
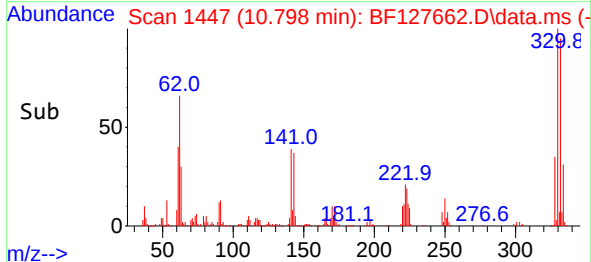
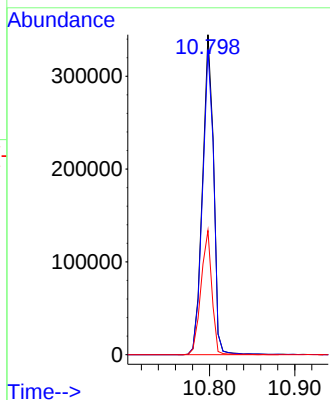


#42
2,4,6-Tribromophenol
Concen: 137.569 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

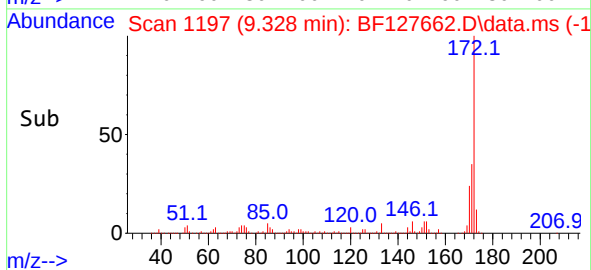
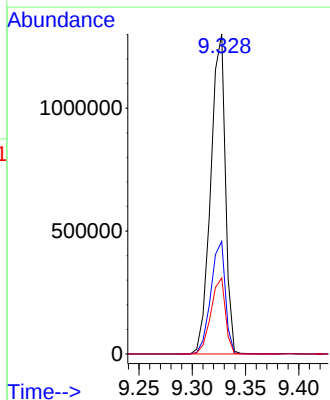
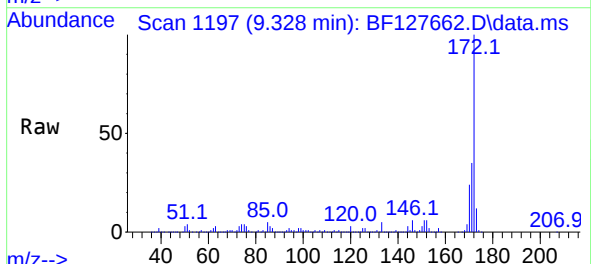


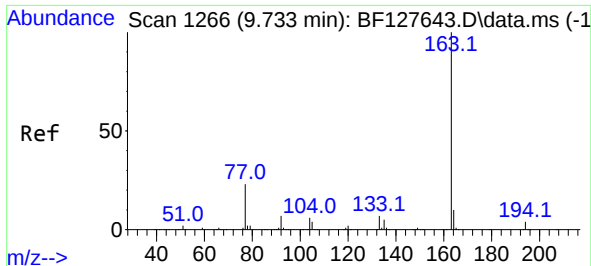
Tgt Ion:330 Resp: 310199
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 38.2 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 82.908 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:172 Resp: 1241821
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 18.6 27.8

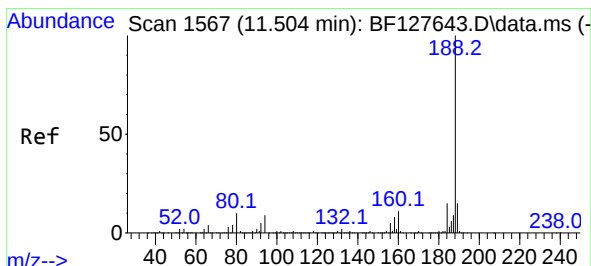
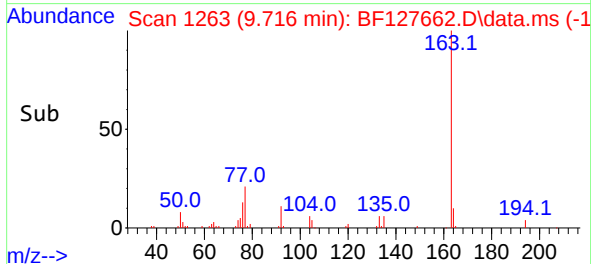
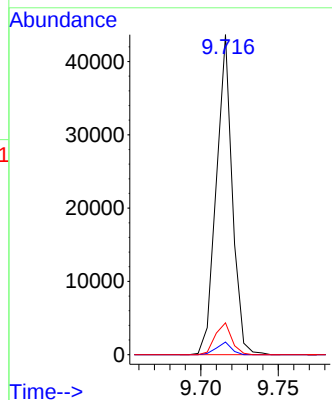
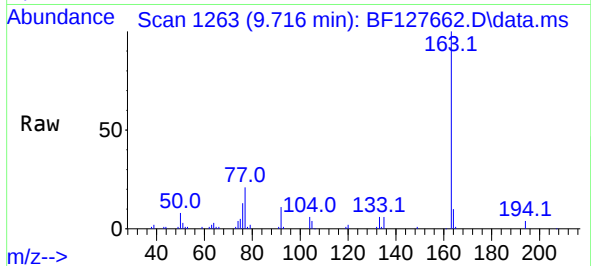




#50
Dimethylphthalate
Concen: 2.031 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

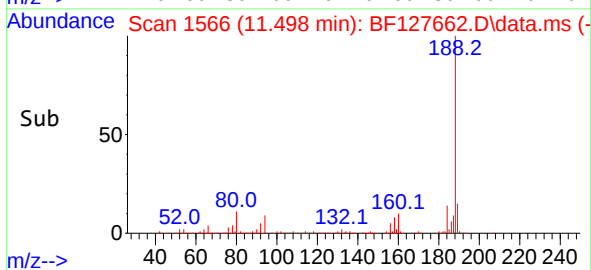
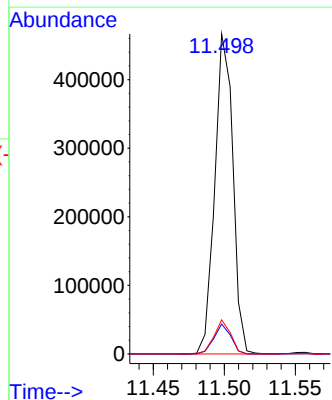
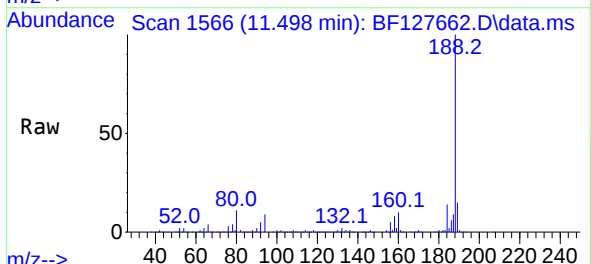
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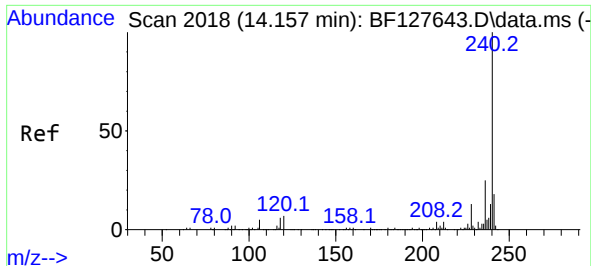
Tgt Ion:163 Resp: 31202
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:188 Resp: 412679
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.6 8.0 12.0

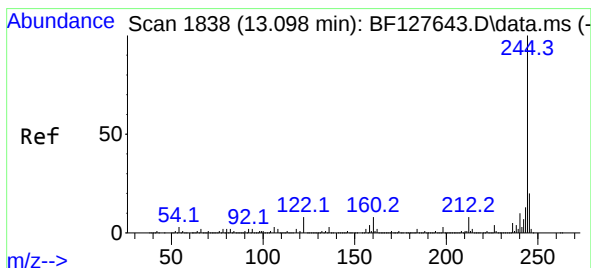
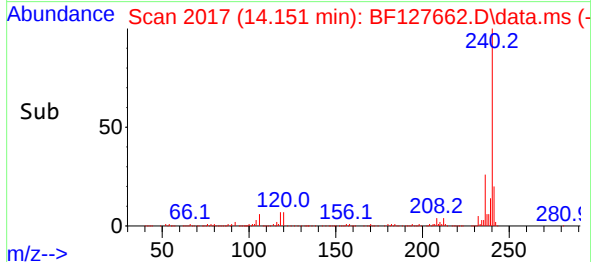
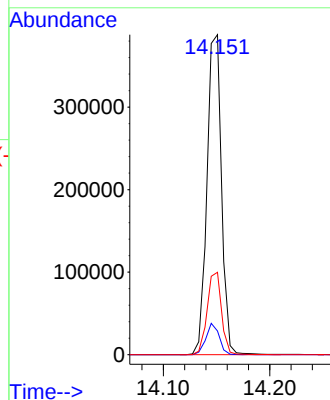
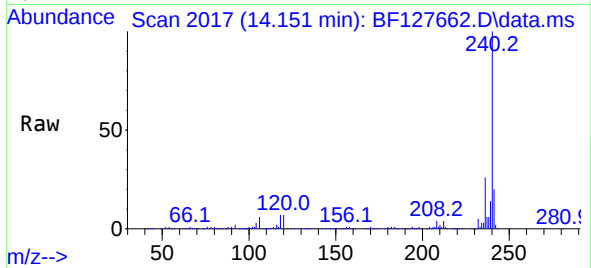




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

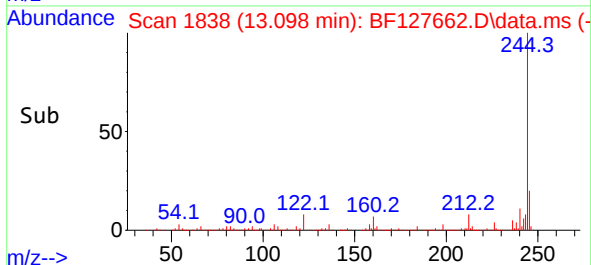
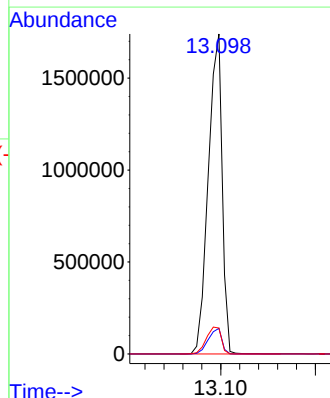
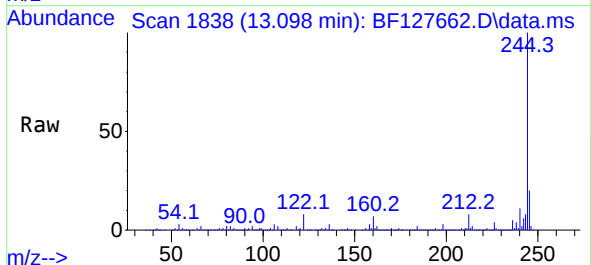
Instrument :
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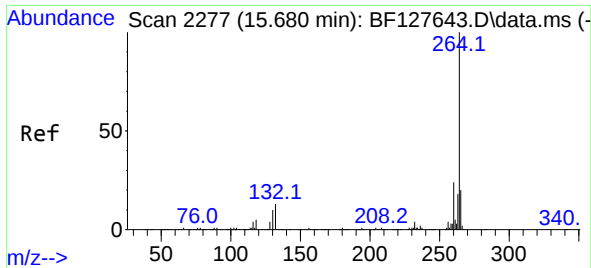
Tgt Ion:240 Resp: 368609
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 78.986 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:244 Resp: 1763896
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 8.1 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 311482

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	17.4	26.2

