

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127873.D
 Acq On : 25 Apr 2022 11:44
 Operator : CG\JU
 Sample : N2487-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 UST-1-E

Quant Time: Apr 25 16:55:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	278801	40.000	ng	0.00
21) Naphthalene-d8	8.222	136	1082590	40.000	ng	0.00
39) Acenaphthene-d10	9.981	164	612972	40.000	ng	0.00
64) Phenanthrene-d10	11.475	188	1088280	40.000	ng	0.00
76) Chrysene-d12	14.121	240	708993	40.000	ng	0.00
86) Perylene-d12	15.633	264	635519	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1184467	135.337	ng	0.00
7) Phenol-d6	6.569	99	1526523	134.421	ng	0.00
23) Nitrobenzene-d5	7.504	82	1094134	95.051	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	398554	129.178	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1666479	91.986	ng	0.00
79) Terphenyl-d14	13.063	244	1655638	85.401	ng	0.00

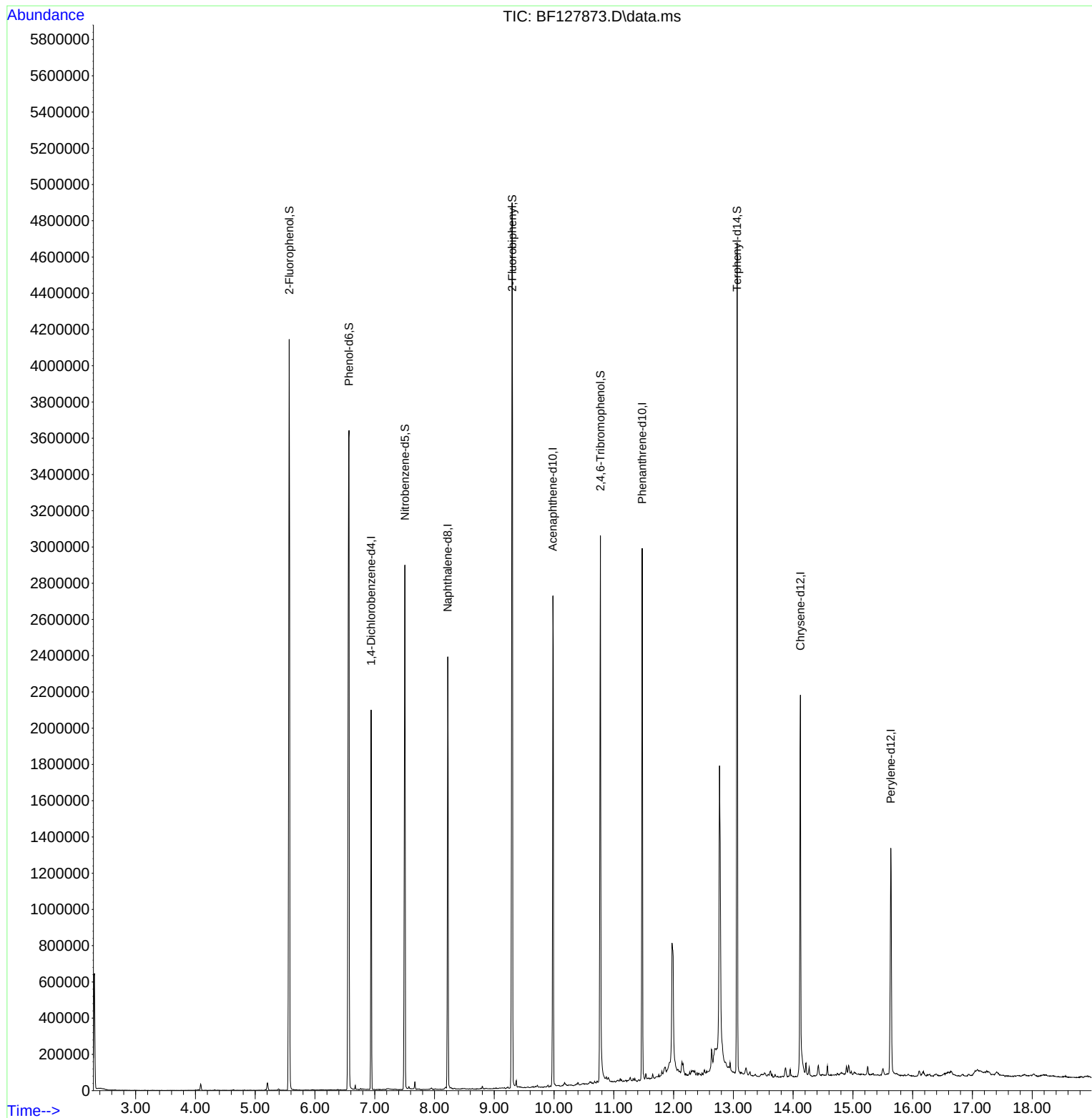
Target Compounds	Qvalue

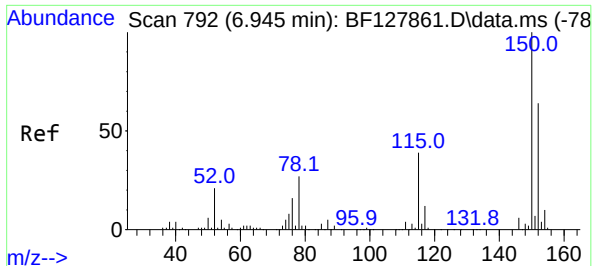
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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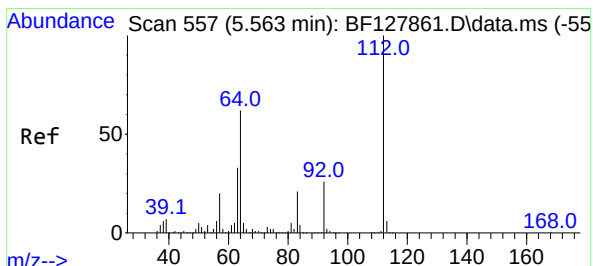
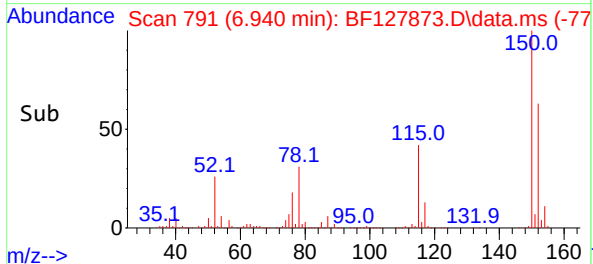
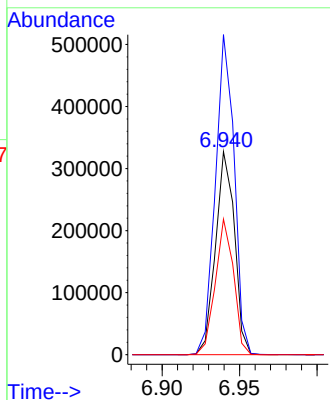
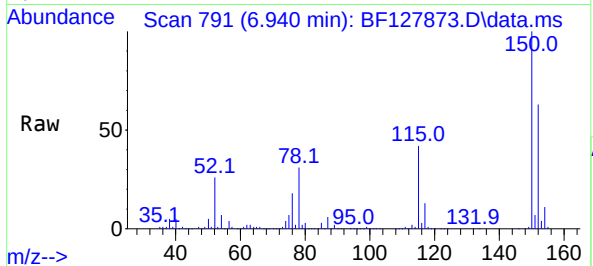




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

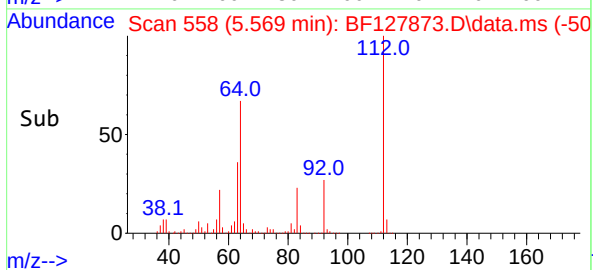
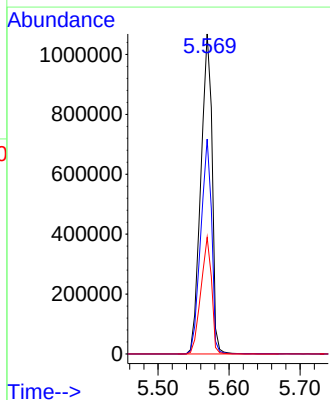
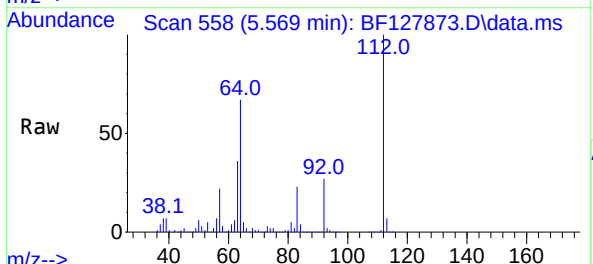
Instrument :
BNA_F
ClientSampleId :
UST-1-E

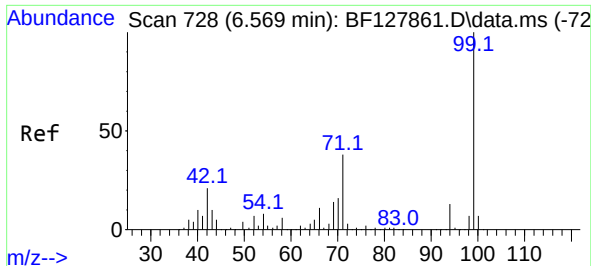
Tgt Ion:152 Resp: 278801
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 66.7 48.8 73.2



#5
2-Fluorophenol
Concen: 135.337 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:112 Resp: 1184467
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.5 26.3 39.5

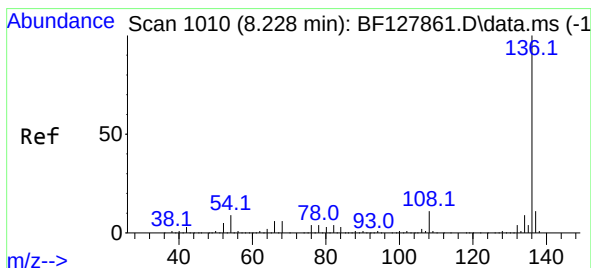
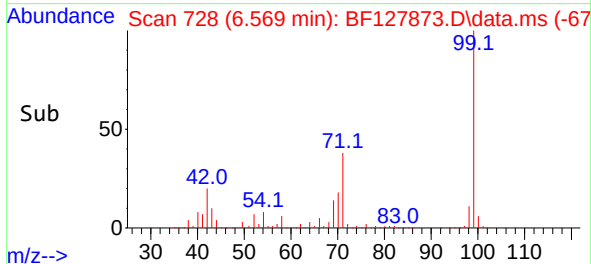
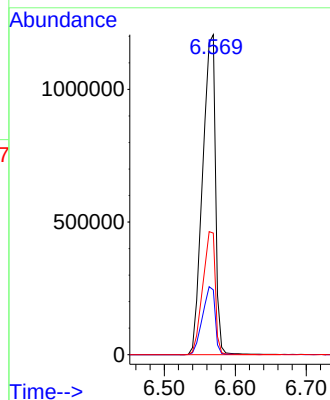
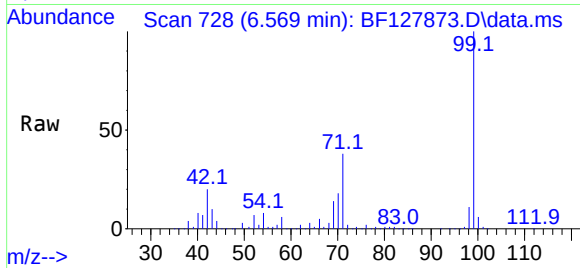




#7
Phenol-d6
Concen: 134.421 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

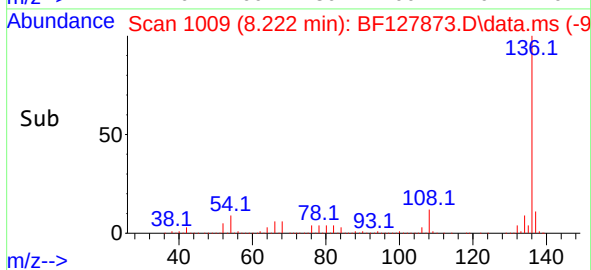
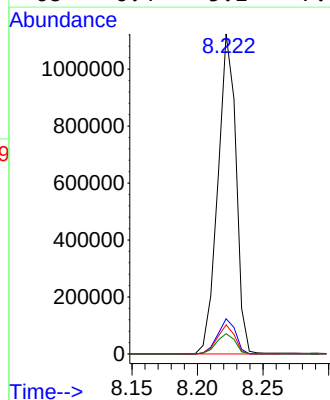
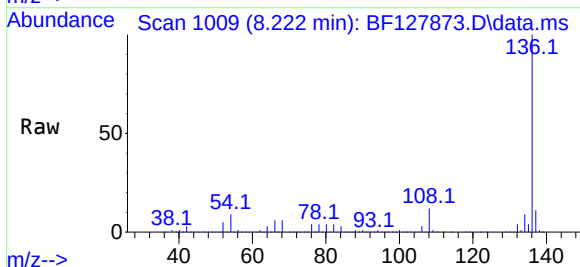
Instrument :
BNA_F
ClientSampleId :
UST-1-E

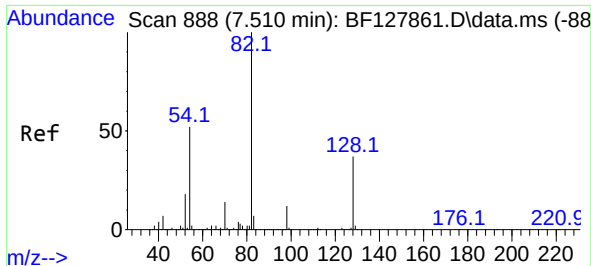
Tgt Ion: 99 Resp: 1526523
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 38.0 30.0 45.0



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:136 Resp: 1082590
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.8 10.2
68 6.4 5.1 7.7

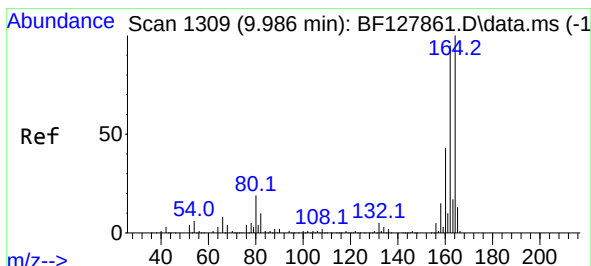
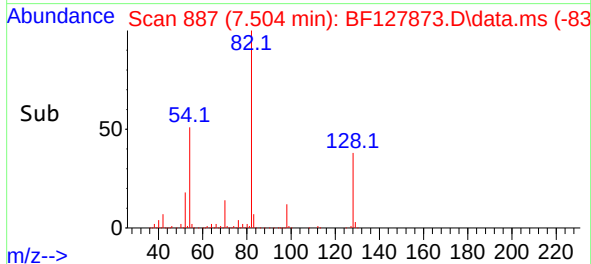
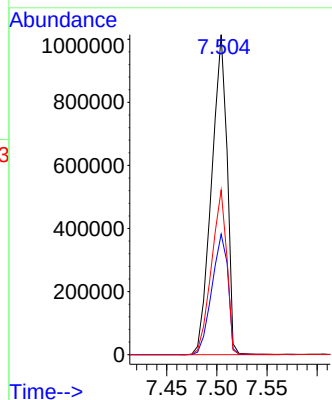
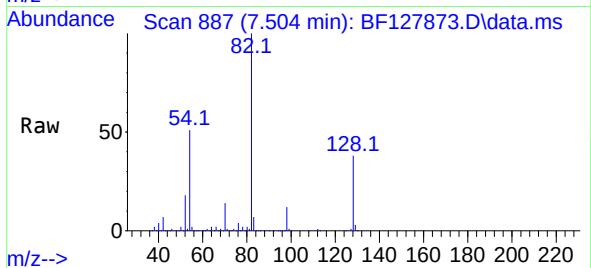




#23
Nitrobenzene-d5
Concen: 95.051 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

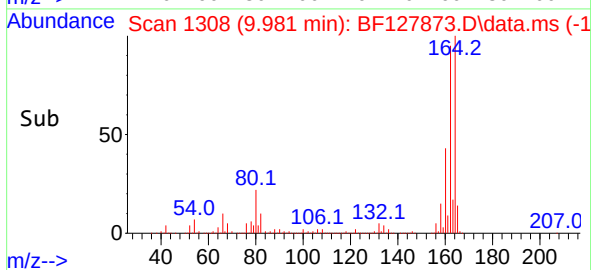
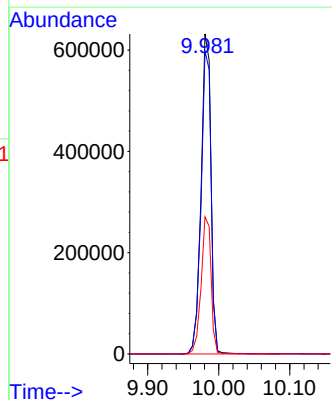
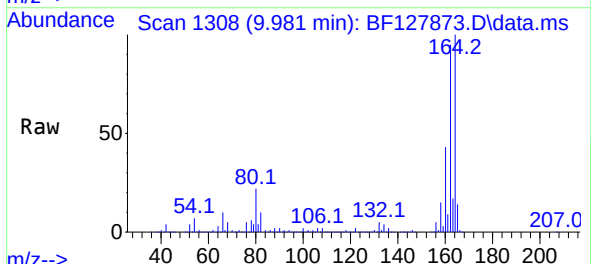
Instrument :
BNA_F
ClientSampleId :
UST-1-E

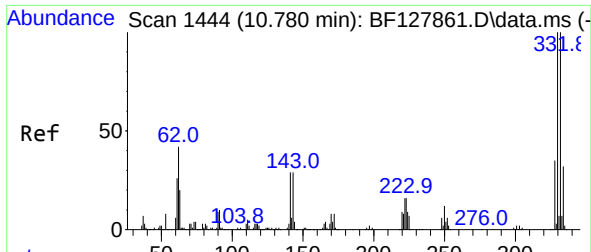
Tgt Ion: 82 Resp: 1094134
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 51.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion: 164 Resp: 612972
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 42.8 34.8 52.2

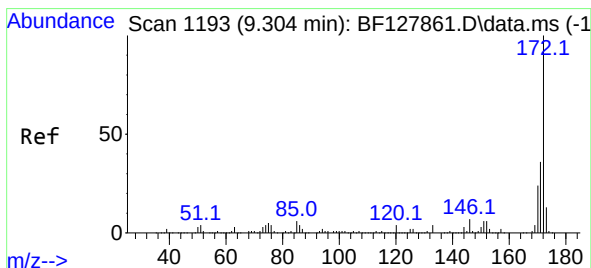
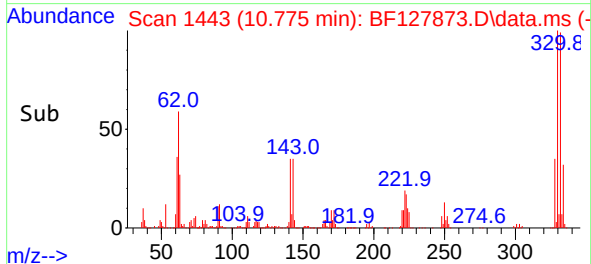
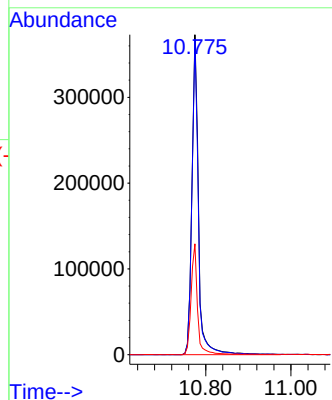
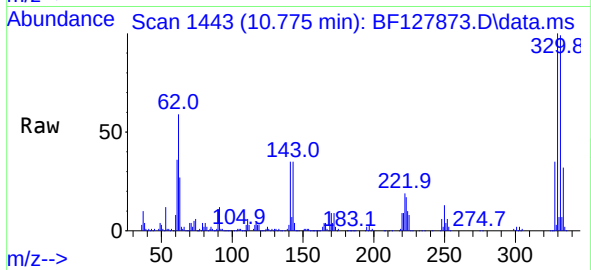




#42
2,4,6-Tribromophenol
Concen: 129.178 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

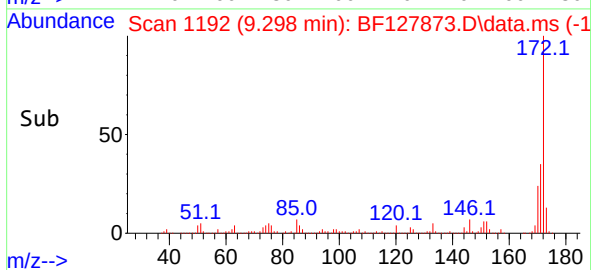
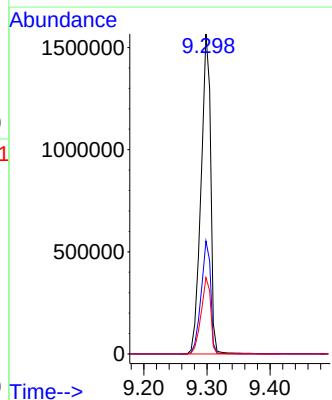
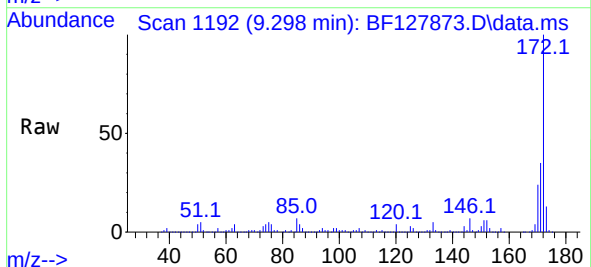
Instrument :
BNA_F
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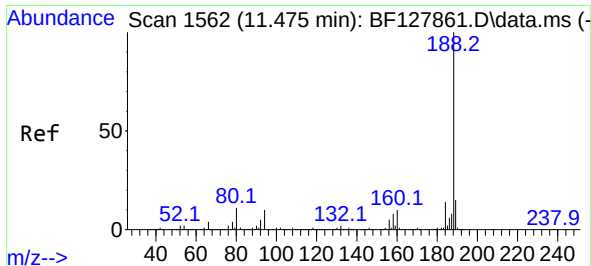
Tgt Ion:330 Resp: 398554
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 33.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 91.986 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:172 Resp: 1666479
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 19.1 28.7

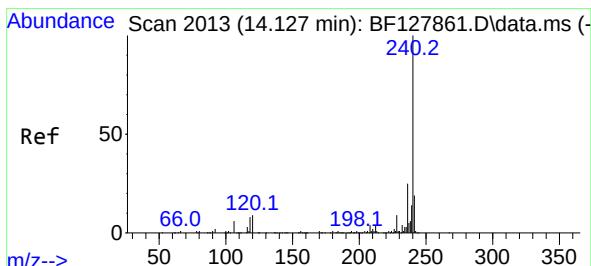
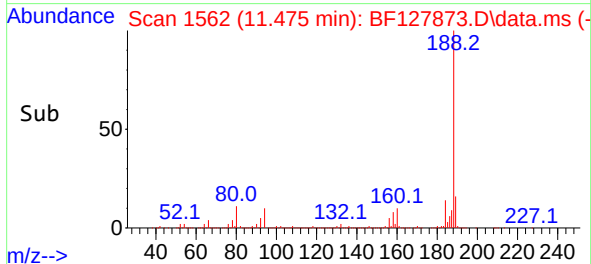
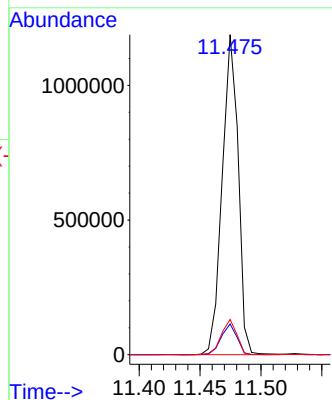
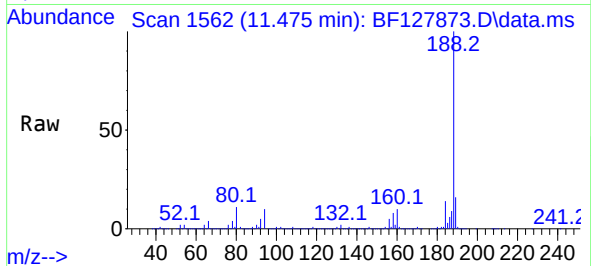




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

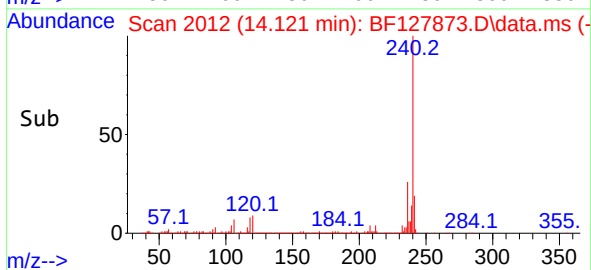
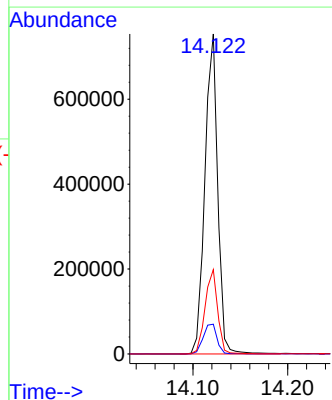
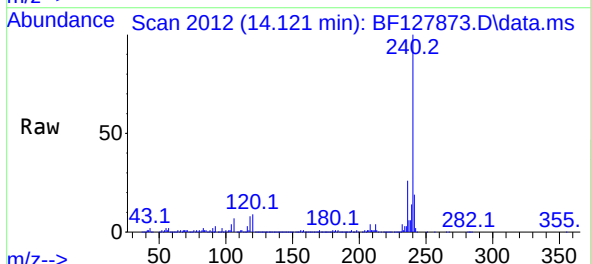
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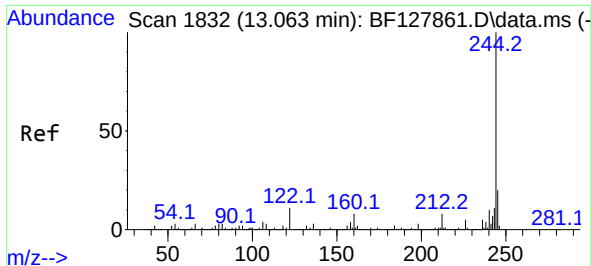
Tgt Ion:188 Resp: 1088280
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 11.0 8.9 13.3



#76
Chrysene-d12
Concen: 40.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:240 Resp: 708993
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 26.3 20.3 30.5

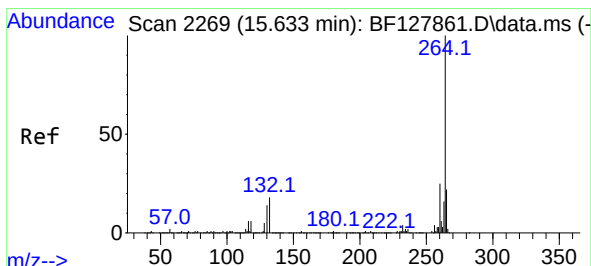
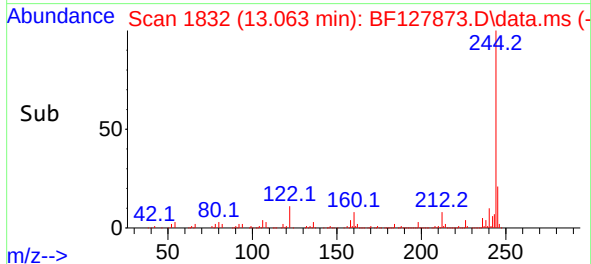
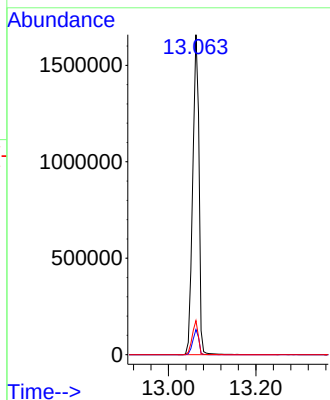
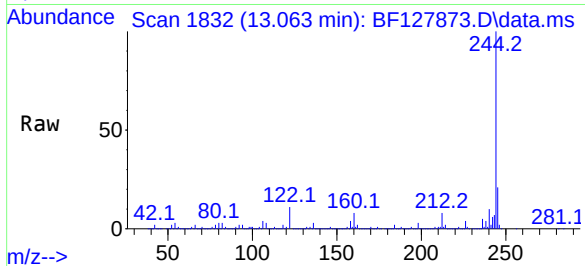




#79
 Terphenyl-d14
 Concen: 85.401 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF127873.D
 Acq: 25 Apr 2022 11:44

Instrument :
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Tgt Ion:244 Resp: 1655638
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF127873.D
 Acq: 25 Apr 2022 11:44

Tgt Ion:264 Resp: 635519
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 22.2 17.5 26.3

