

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127671.D
 Acq On : 07 Apr 2022 02:24
 Operator : CG\JU
 Sample : N2267-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-SOUTH

Quant Time: Apr 07 03:16:22 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)

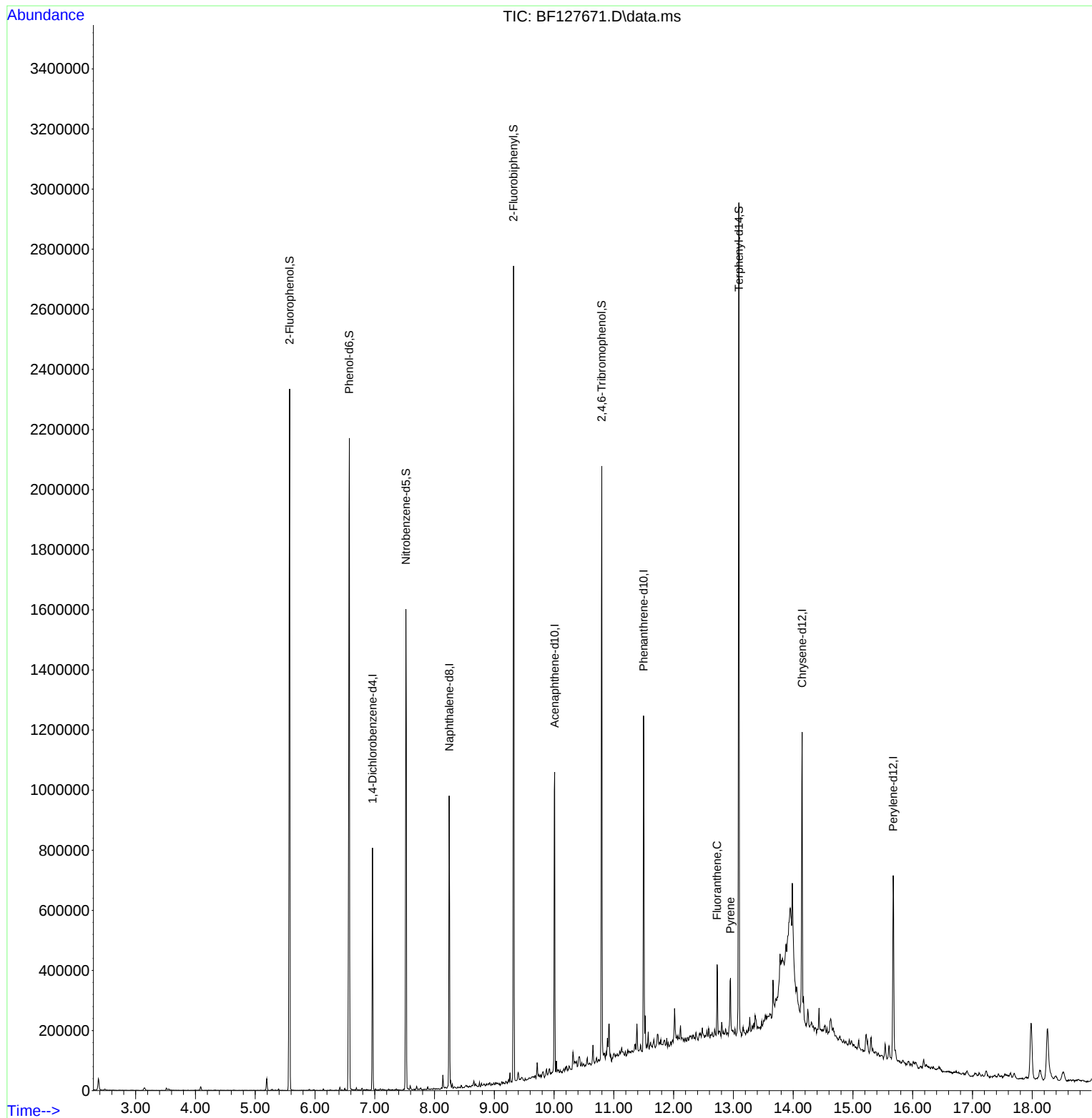
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	98036	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	363224	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	207131	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	384805	20.000	ng	0.00
76) Chrysene-d12	14.151	240	315059	20.000	ng	0.00
86) Perylene-d12	15.674	264	294629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	556162	92.181	ng	0.00
7) Phenol-d6	6.575	99	706600	89.524	ng	0.00
23) Nitrobenzene-d5	7.522	82	488463	59.953	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	200736	91.070	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	802427	54.804	ng	0.00
79) Terphenyl-d14	13.092	244	883589	46.291	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.727	202	90511	4.068	ng	96
78) Pyrene	12.951	202	80778	3.036	ng	98

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

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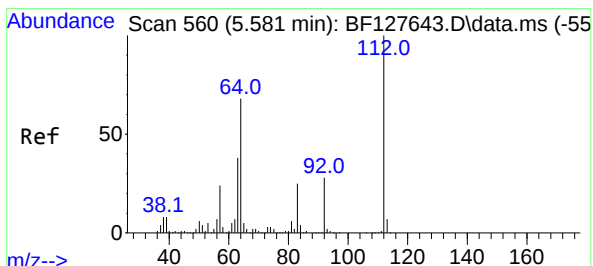
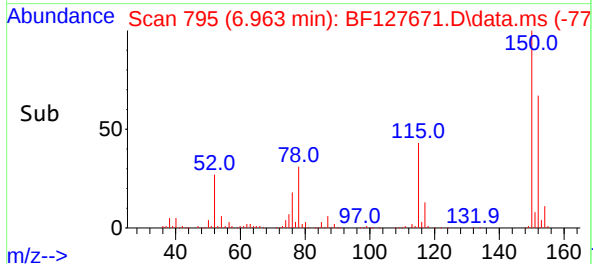
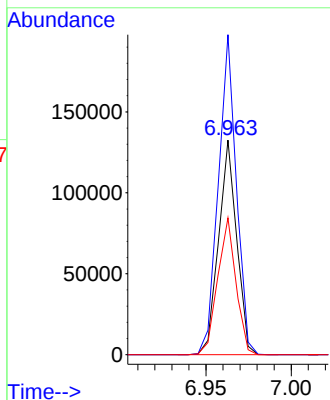
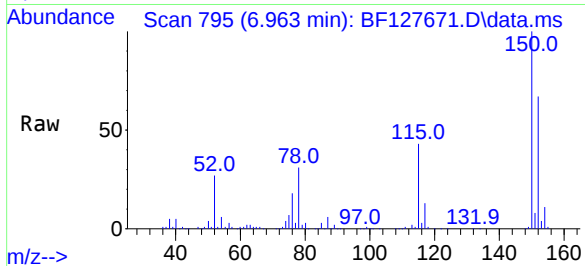




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

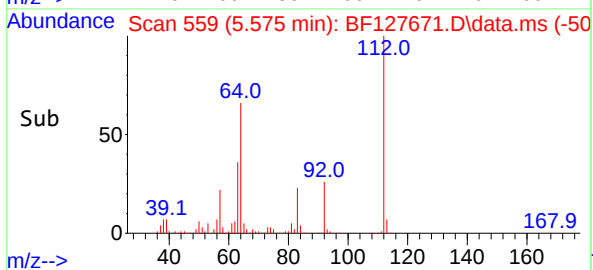
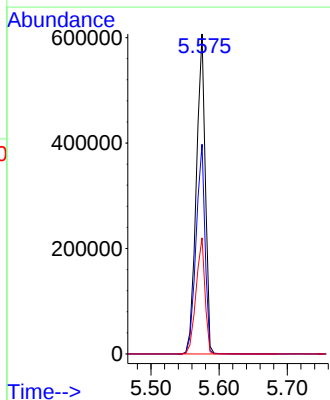
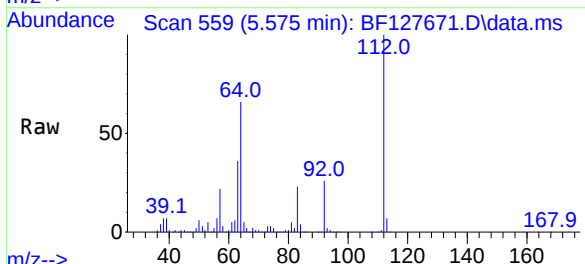
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

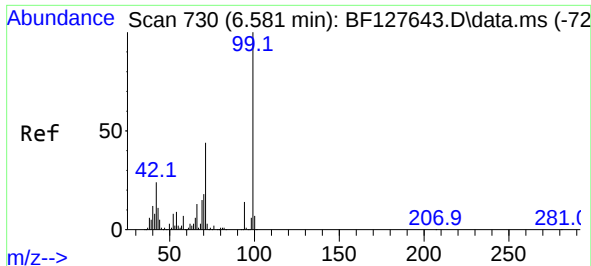
Tgt Ion:152 Resp: 98036
Ion Ratio Lower Upper
152 100
150 149.1 117.2 175.8
115 63.7 49.8 74.6



#5
2-Fluorophenol
Concen: 92.181 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:112 Resp: 556162
Ion Ratio Lower Upper
112 100
64 65.6 58.4 87.6
63 36.3 30.1 45.1

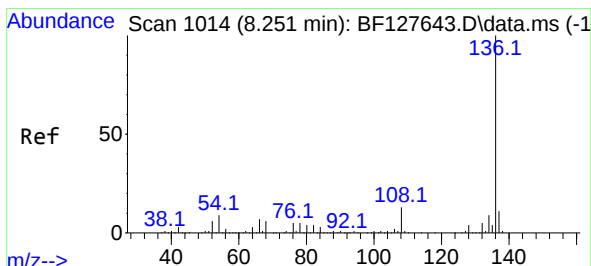
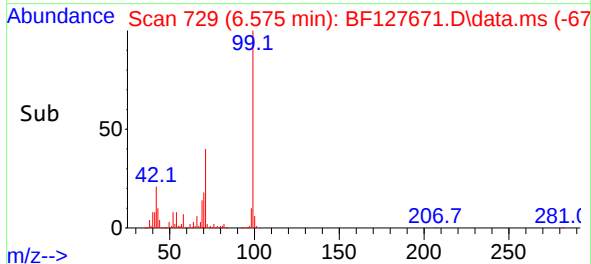
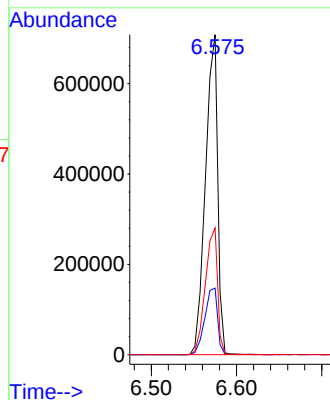
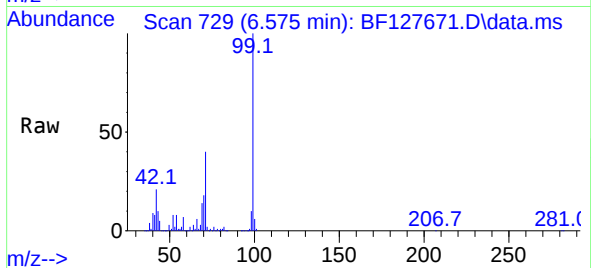




#7
Phenol-d6
Concen: 89.524 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

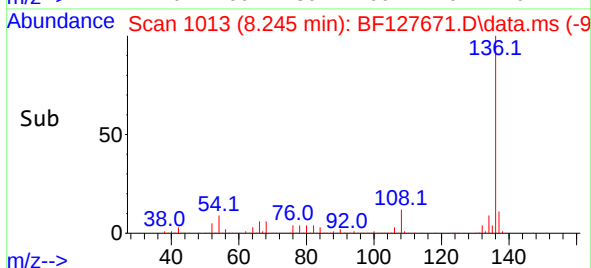
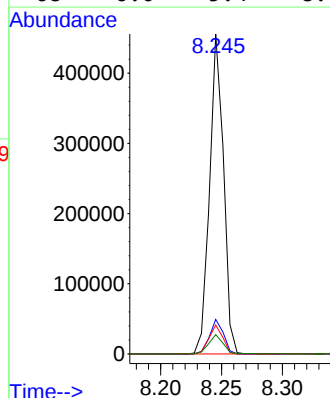
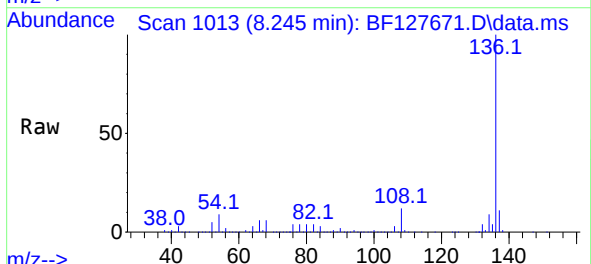
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

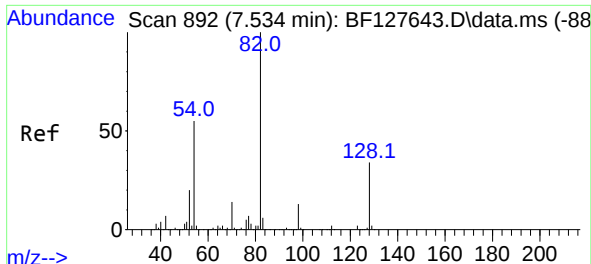
Tgt Ion: 99 Resp: 706600
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 39.6 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion: 136 Resp: 363224
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 9.2 13.8#
68 6.0 5.4 8.0

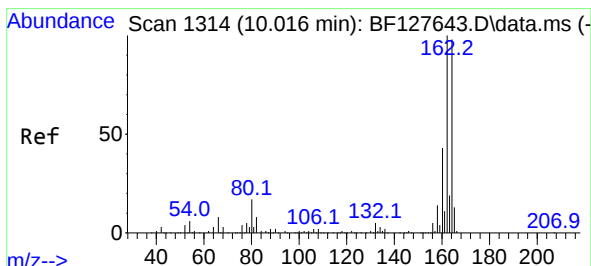
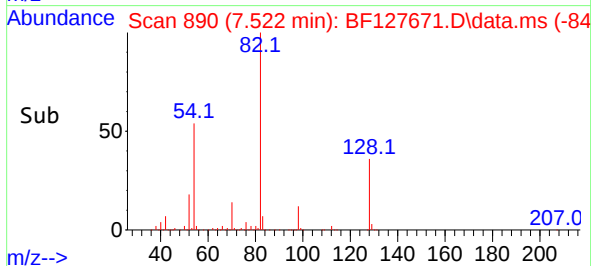
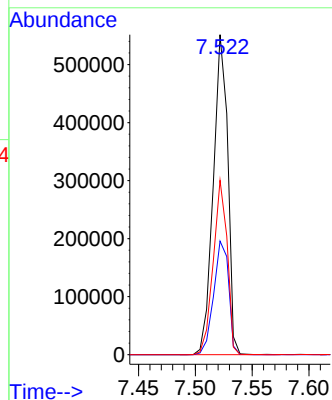
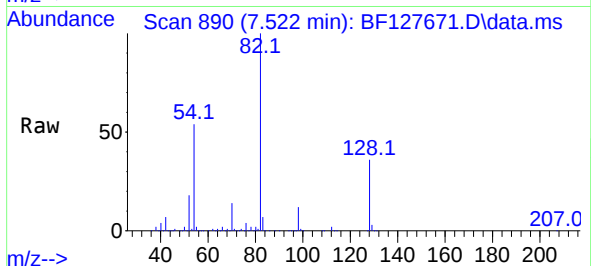




#23
Nitrobenzene-d5
Concen: 59.953 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

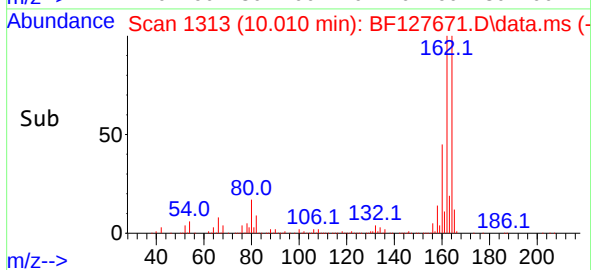
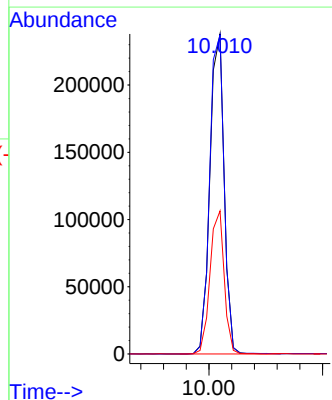
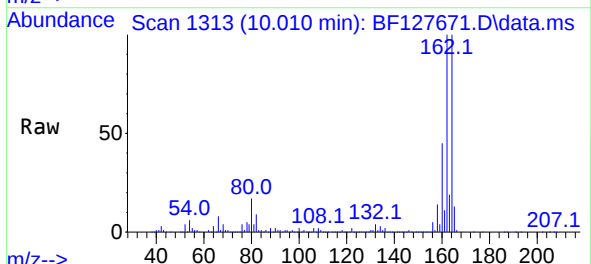
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

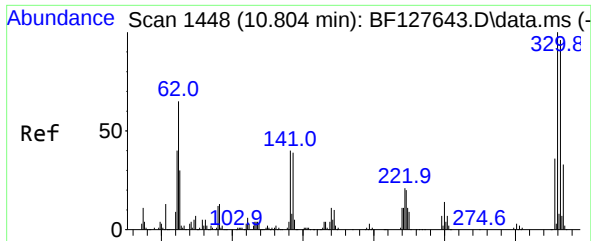
Tgt Ion: 82 Resp: 488463
Ion Ratio Lower Upper
82 100
128 35.5 30.6 45.8
54 54.5 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

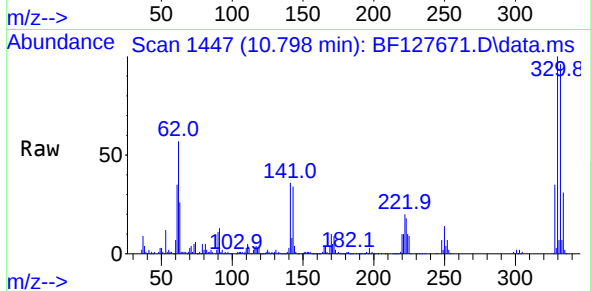
Tgt Ion: 164 Resp: 207131
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 44.7 34.6 52.0



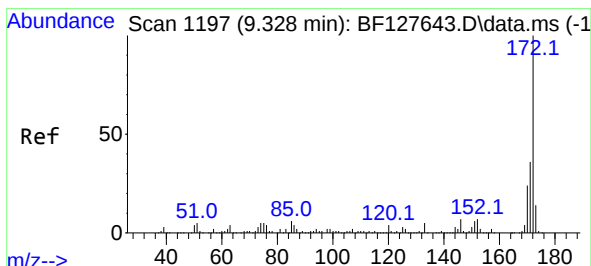
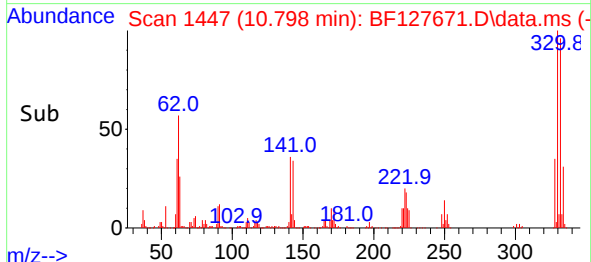
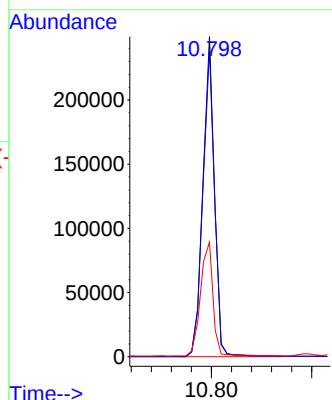


#42
2,4,6-Tribromophenol
Concen: 91.070 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

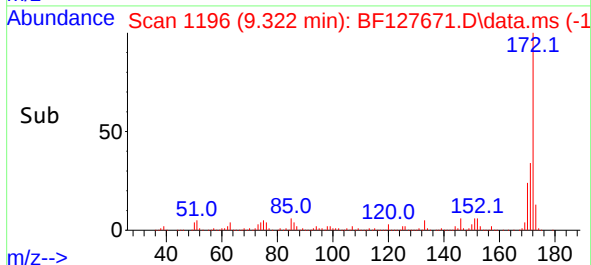
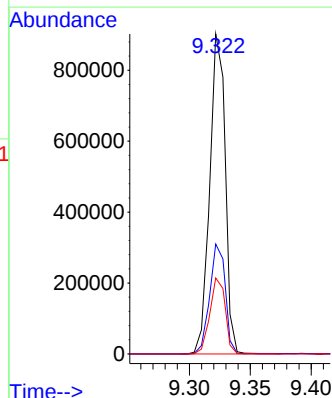
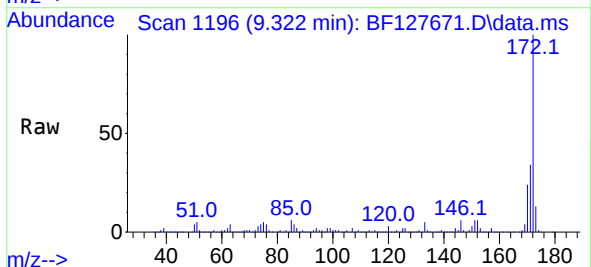


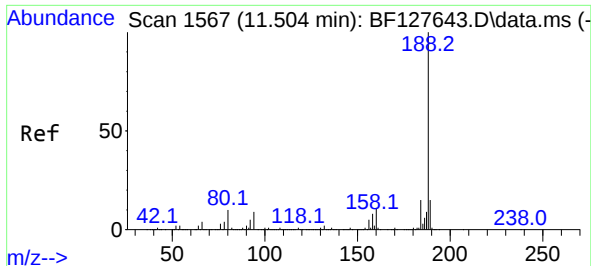
Tgt Ion:330 Resp: 200736
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 38.3 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 54.804 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:172 Resp: 802427
Ion Ratio Lower Upper
172 100
171 34.3 28.4 42.6
170 23.7 18.6 27.8

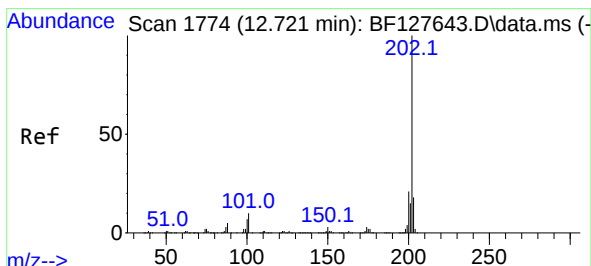
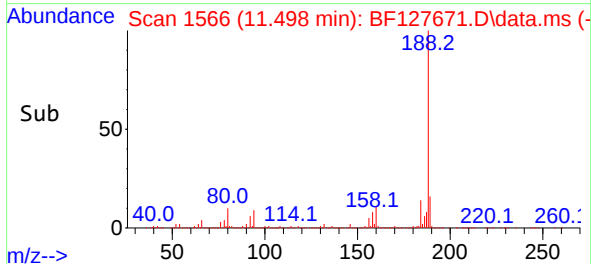
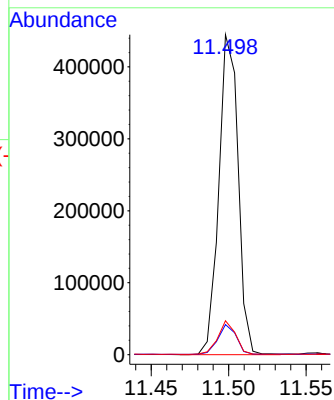
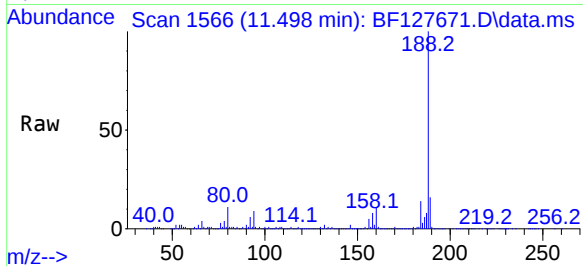




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

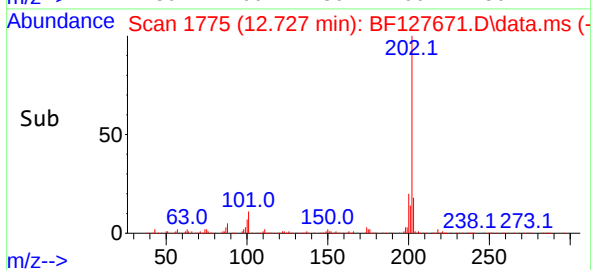
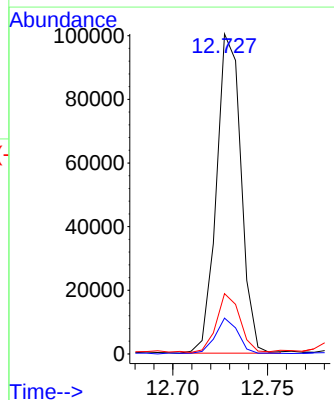
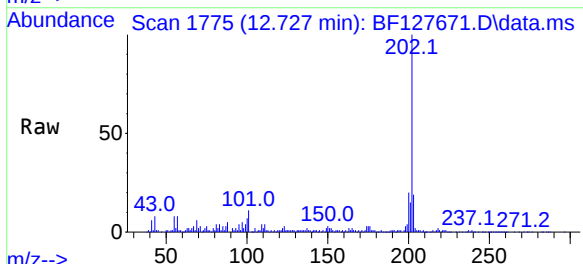
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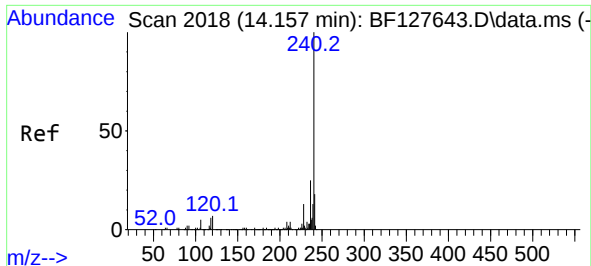
Tgt Ion:188 Resp: 384805
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.6 8.0 12.0



#75
Fluoranthene
Concen: 4.068 ng
RT: 12.727 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:202 Resp: 90511
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.0
203 18.8 0.0 37.7

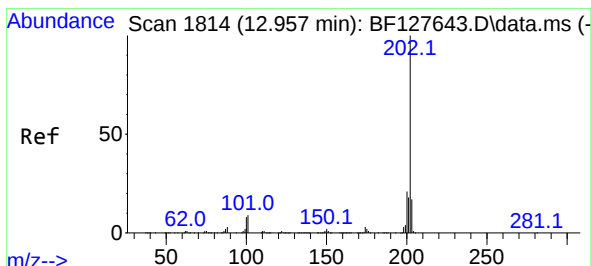
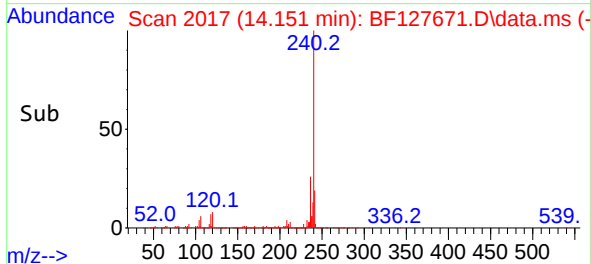
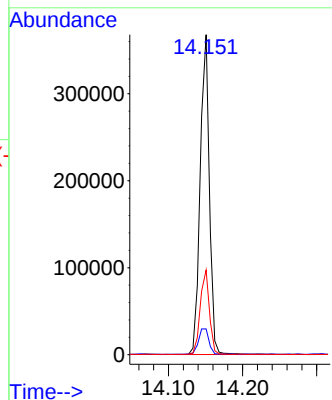
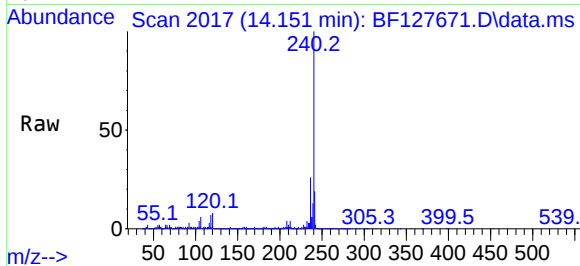




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

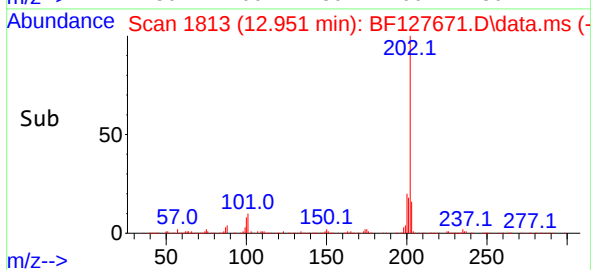
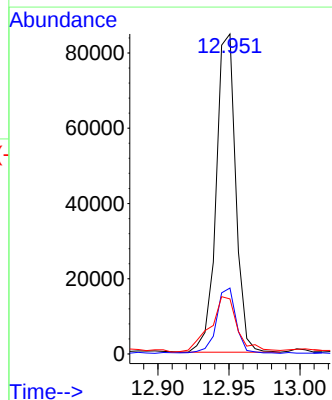
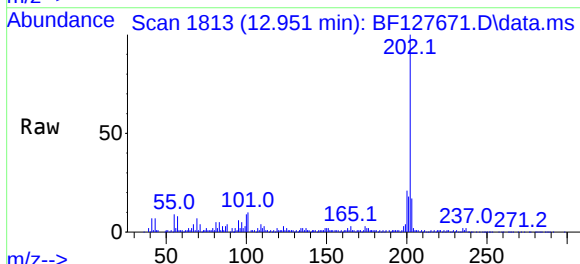
Instrument :
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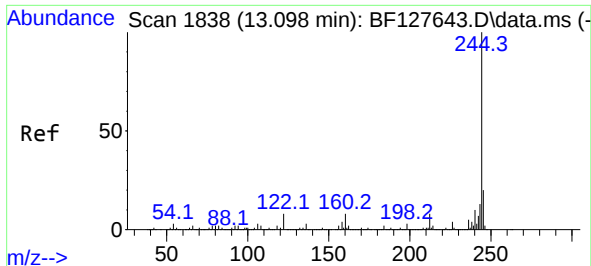
Tgt Ion:240 Resp: 315059
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.5 20.7 31.1



#78
Pyrene
Concen: 3.036 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:202 Resp: 80778
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.2 14.3 21.5

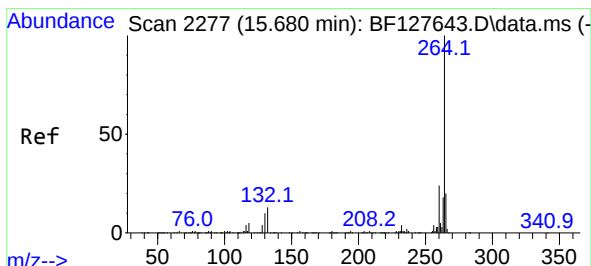
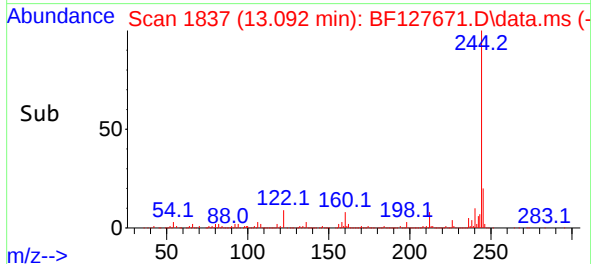
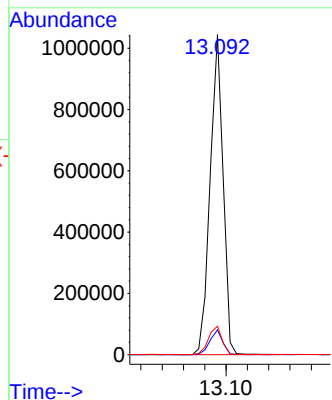
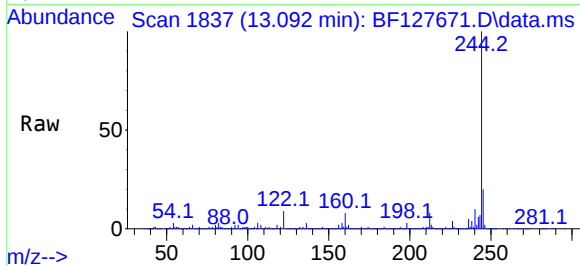




#79
 Terphenyl-d14
 Concen: 46.291 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127671.D
 Acq: 07 Apr 2022 02:24

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 883589
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 8.9 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127671.D
 Acq: 07 Apr 2022 02:24

Tgt Ion:264 Resp: 294629
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.6 17.4 26.2

