

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122446.D
 Acq On : 23 Nov 2020 14:40
 Operator : JU/CG
 Sample : L4846-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-EDISON-3

Quant Time: Nov 23 15:06:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

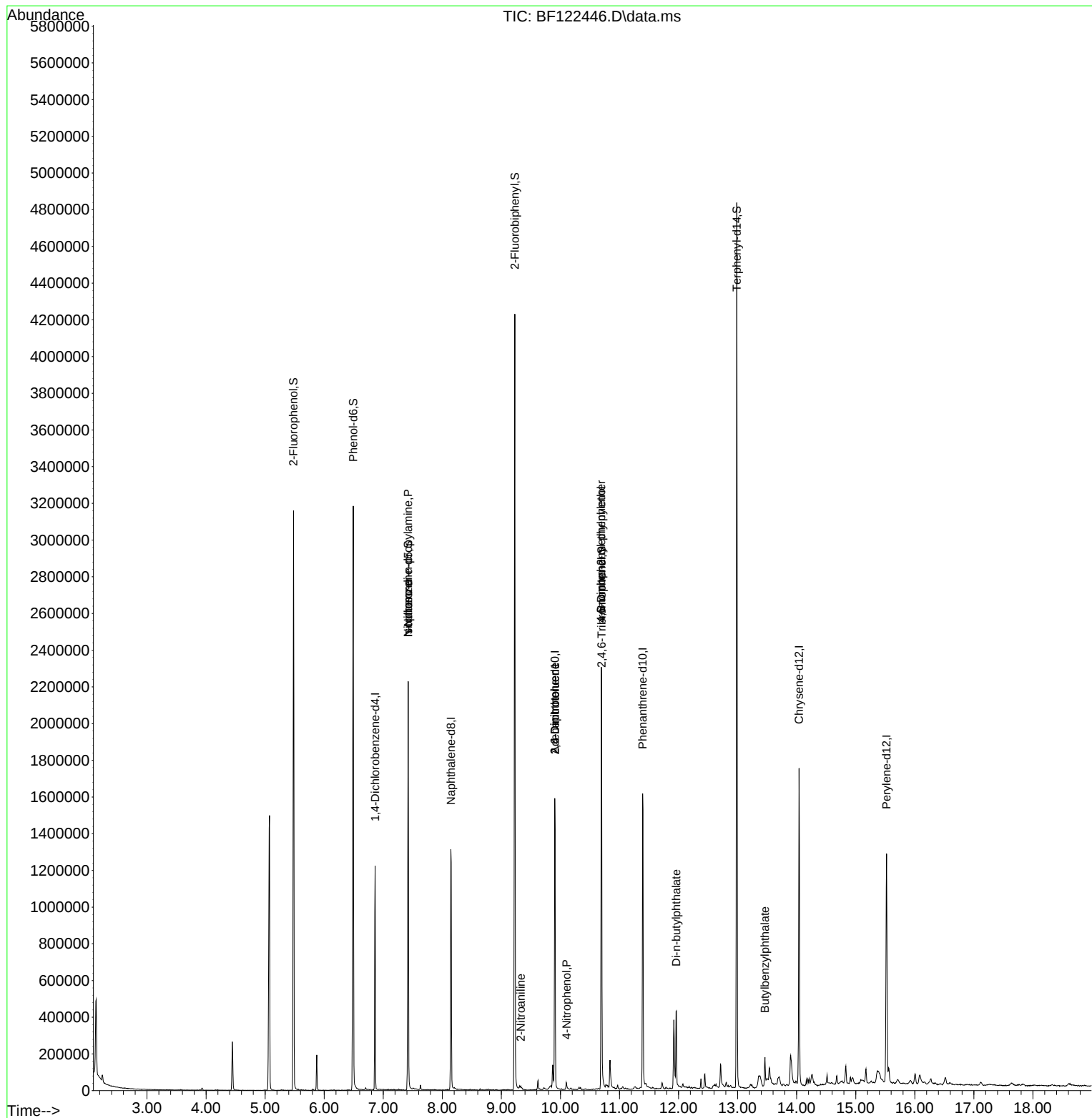
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	171785	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	658765	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	347206	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	638010	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	603375	20.00	ng	-0.01
86) Perylene-d12	15.521	264	598857	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	854213	76.35	ng	-0.01
7) Phenol-d6	6.492	99	1100114	75.17	ng	-0.02
23) Nitrobenzene-d5	7.422	82	685333	63.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	321671	86.32	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1314340	59.15	ng	0.00
79) Terphenyl-d14	12.986	244	1476148	51.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	295	Below Cal		86
19) n-Nitroso-di-n-propyla...	7.422	70	92182	10.54 ng	#	75
25) Isophorone	7.422	82	685328	28.57 ng	#	67
48) 2-Nitroaniline	9.328	65	229	5.20 ng	#	6
51) 2,6-Dinitrotoluene	9.904	165	44351	11.25 ng	#	20
56) 4-Nitrophenol	10.104	139	116	5.43 ng	#	10
57) 2,4-Dinitrotoluene	9.904	165	44351	10.50 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.692	198	570	6.40 ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	20409	2.72 ng	#	1
74) Di-n-butylphthalate	11.963	149	219045	6.05 ng		99
80) Butylbenzylphthalate	13.463	149	29268	4.89 ng		91

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

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QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

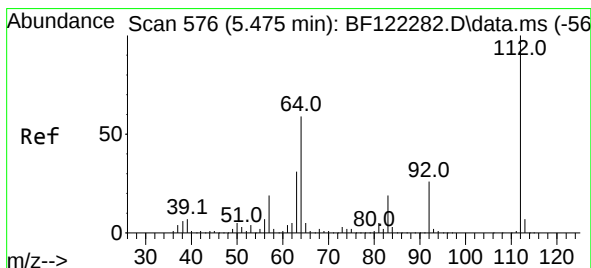
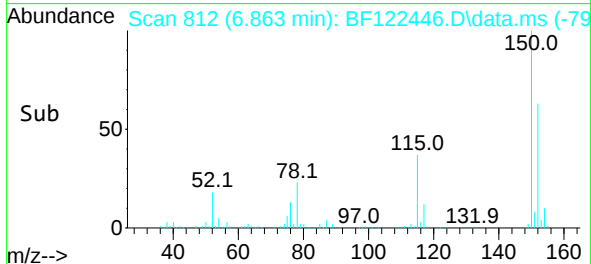
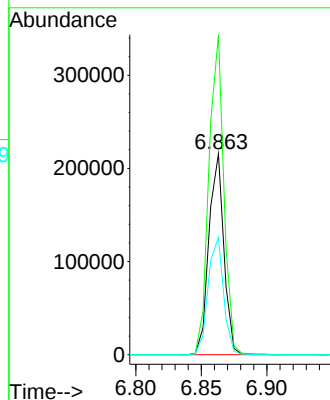
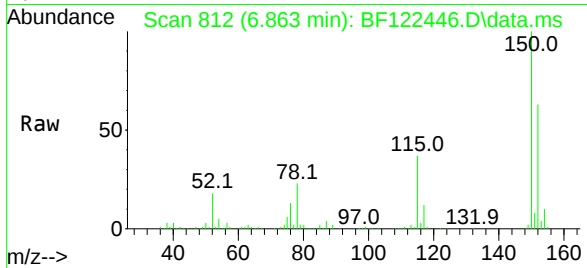




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

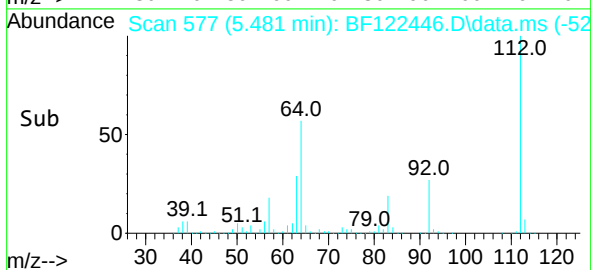
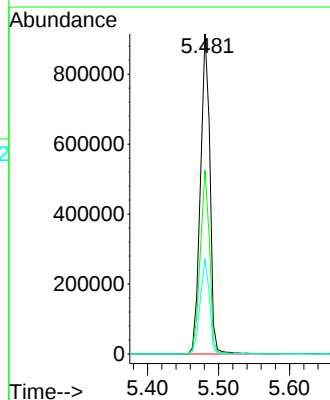
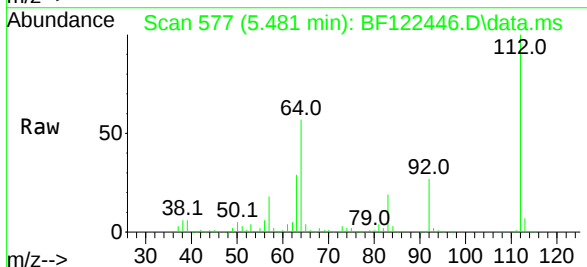
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

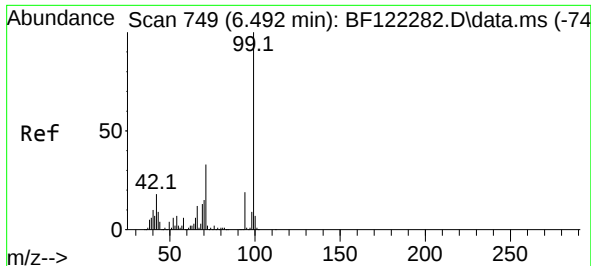
Tgt Ion:152 Resp: 171785
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 58.4 51.9 77.9



#5
2-Fluorophenol
Concen: 76.35 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion:112 Resp: 854213
Ion Ratio Lower Upper
112 100
64 57.4 50.4 75.6
63 29.5 25.8 38.6

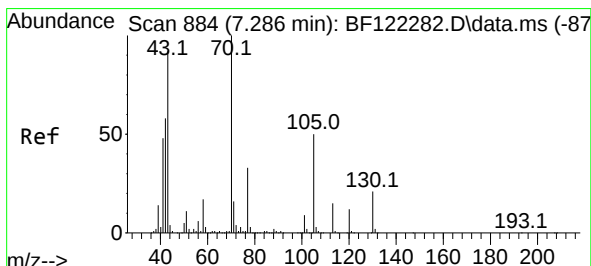
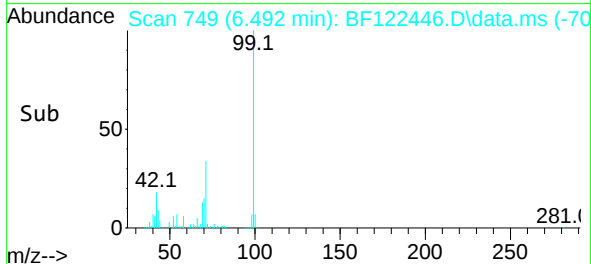
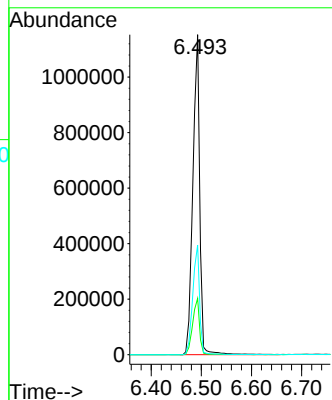
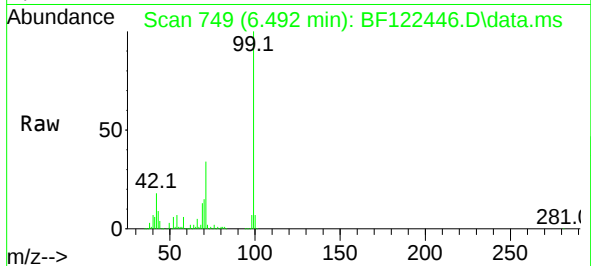




#7
Phenol-d6
Concen: 75.17 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

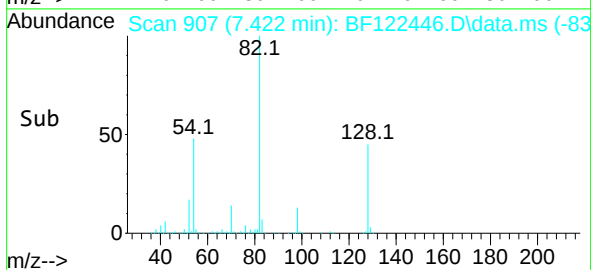
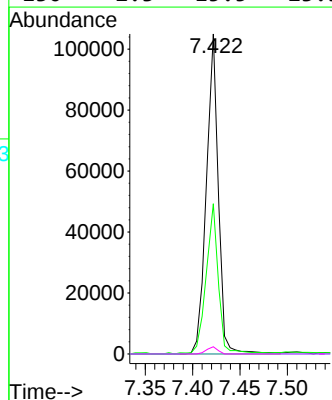
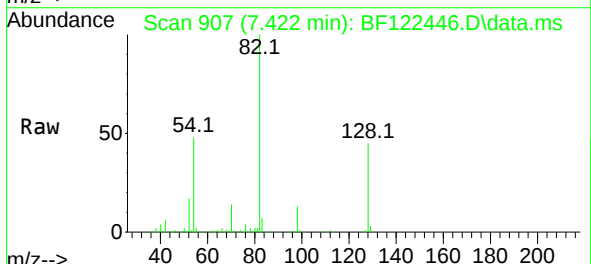
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

Tgt Ion: 99 Resp: 1100114
Ion Ratio Lower Upper
99 100
42 17.6 15.9 23.9
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.54 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion: 70 Resp: 92182
Ion Ratio Lower Upper
70 100
42 46.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



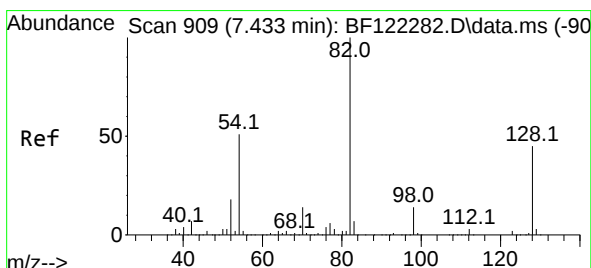
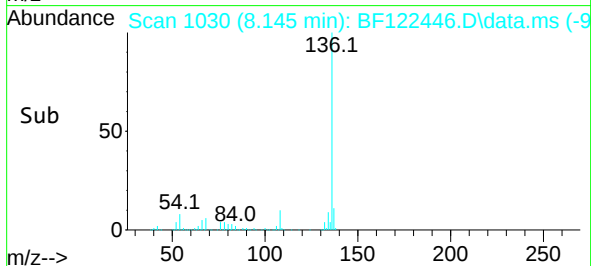
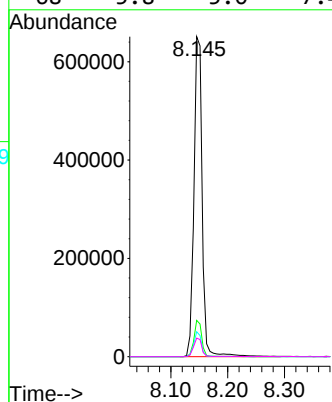
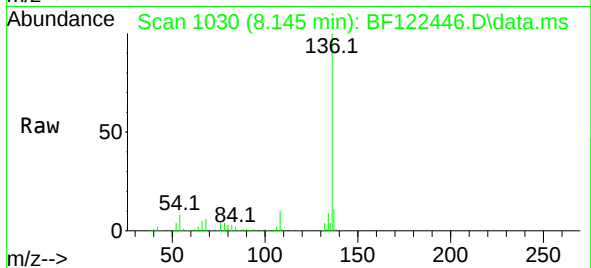


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

Tgt Ion:136 Resp: 658765

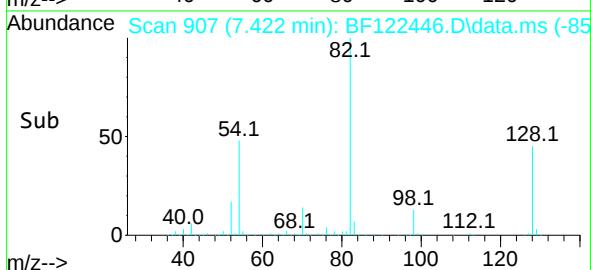
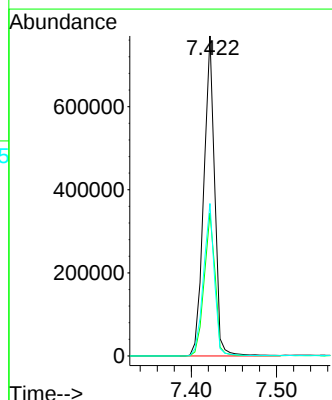
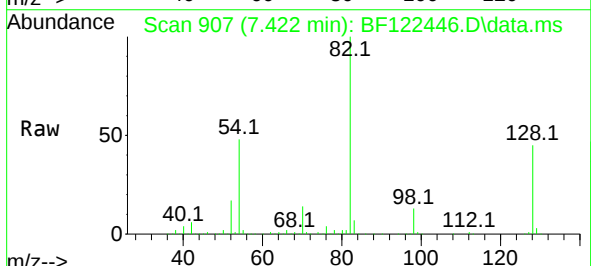
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.8	7.1	10.7
68	5.8	5.0	7.4

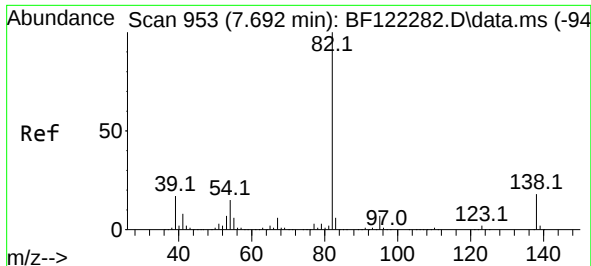


#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion: 82 Resp: 685333

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.0	52.4
54	47.7	43.9	65.9

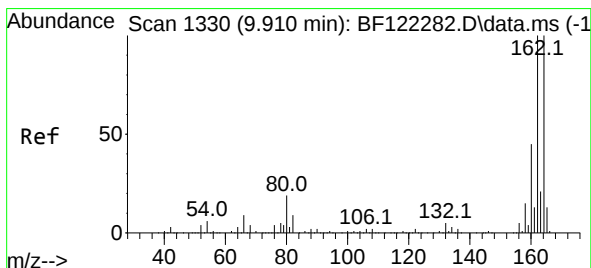
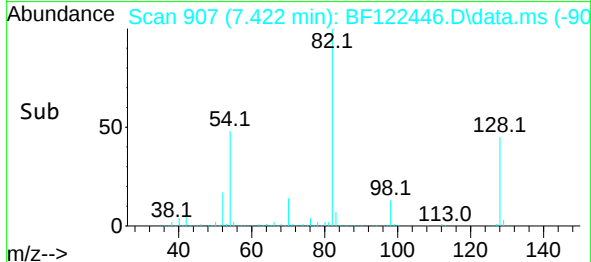
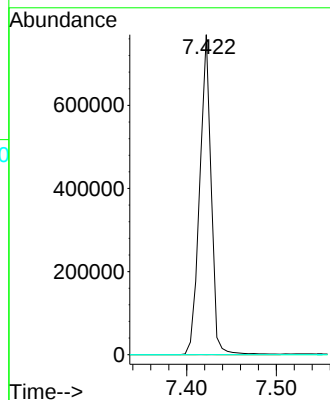
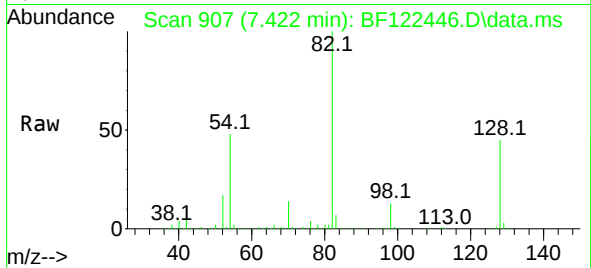




#25
Isophorone
Concen: 28.57 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

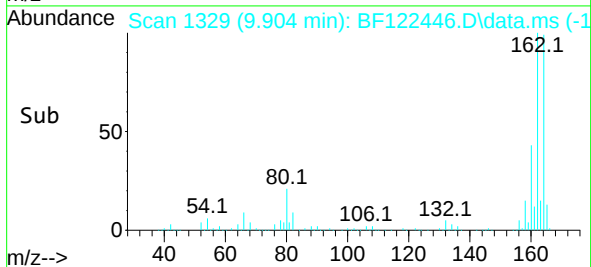
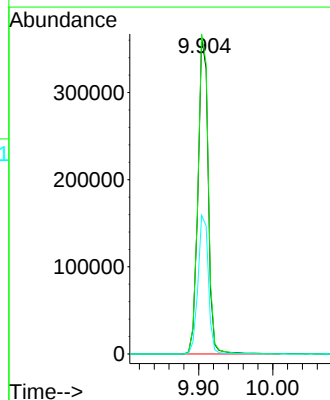
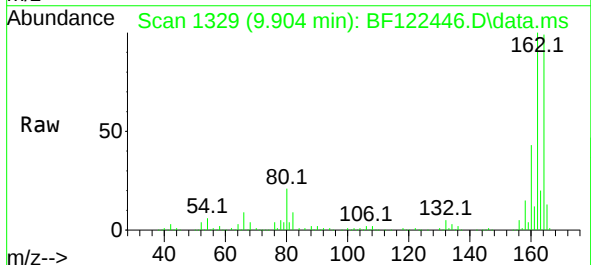
Instrument :
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ClientSampleId :
RCA-EDISON-3

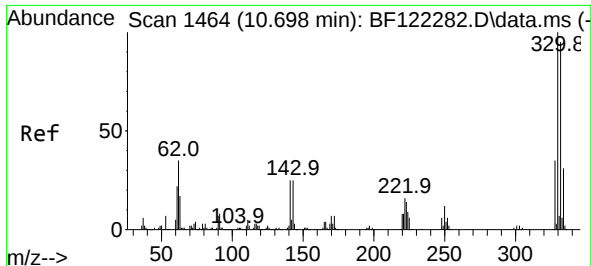
Tgt Ion: 82 Resp: 685328
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion: 164 Resp: 347206
Ion Ratio Lower Upper
164 100
162 100.9 83.2 124.8
160 43.7 37.5 56.3

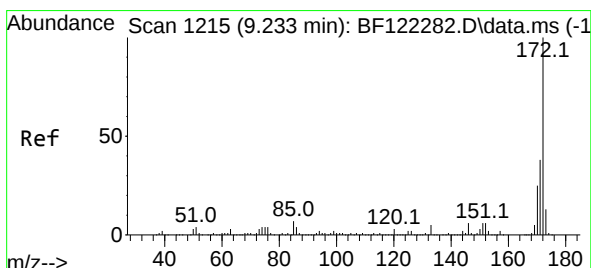
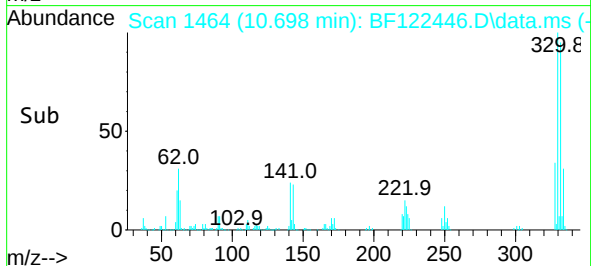
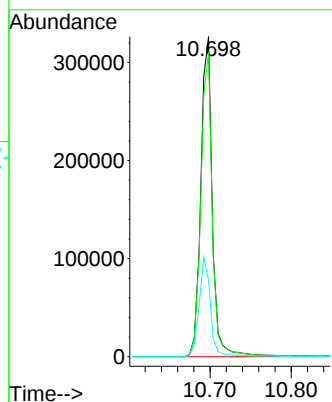
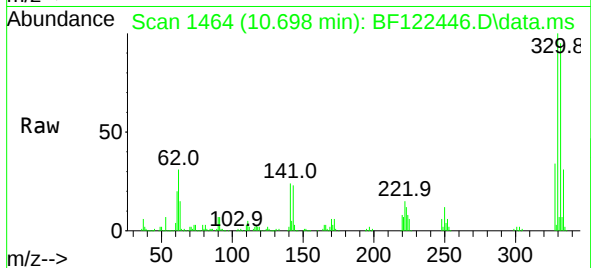




#42
2,4,6-Tribromophenol
Concen: 86.32 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

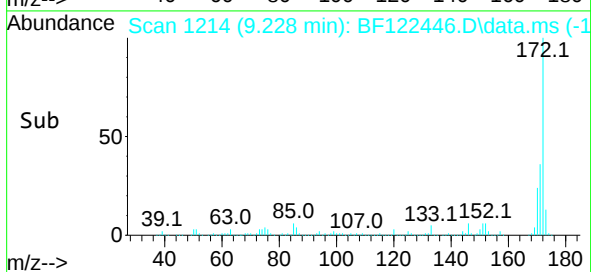
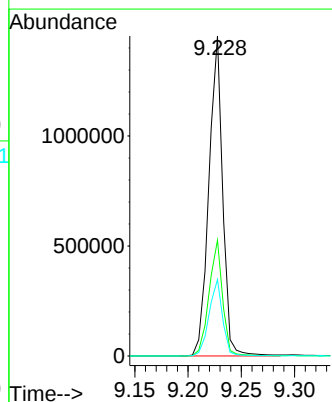
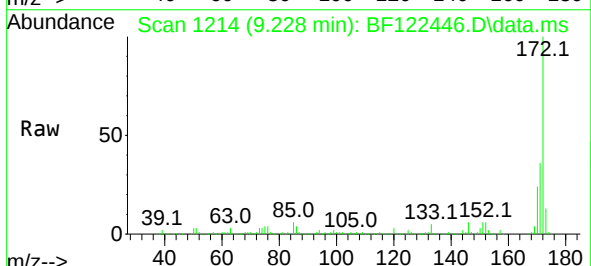
Instrument :
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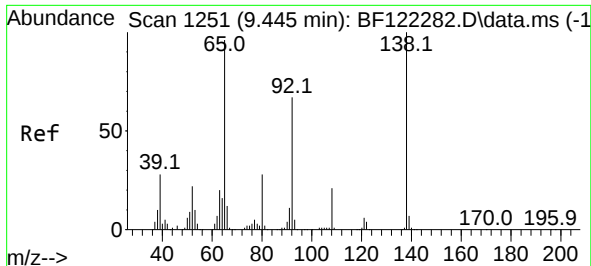
Tgt Ion: 330 Resp: 321671
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 31.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 59.15 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion: 172 Resp: 1314340
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 23.9 19.8 29.6

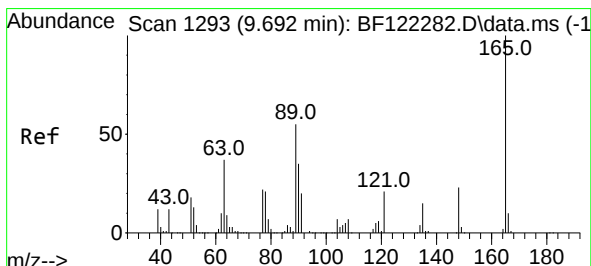
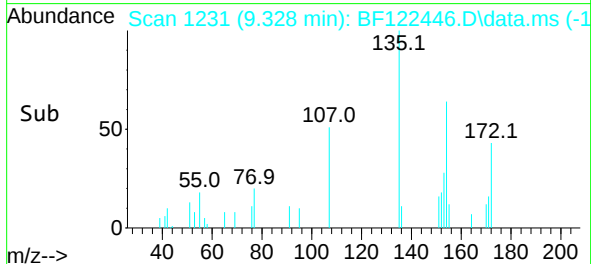
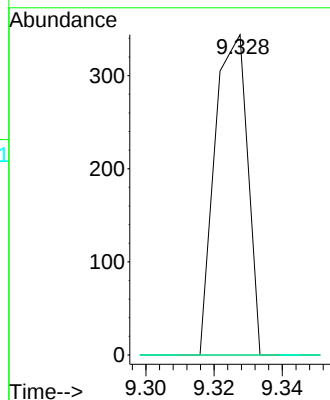
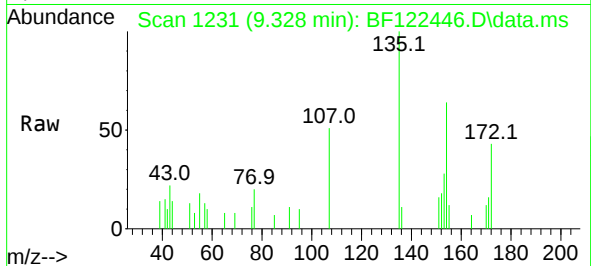




#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.129 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

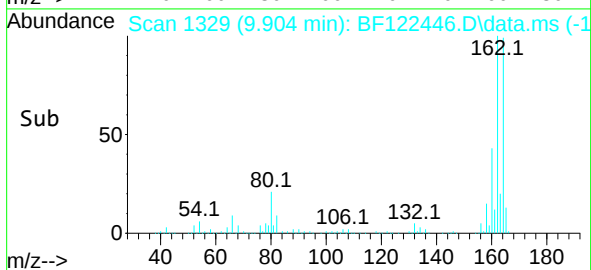
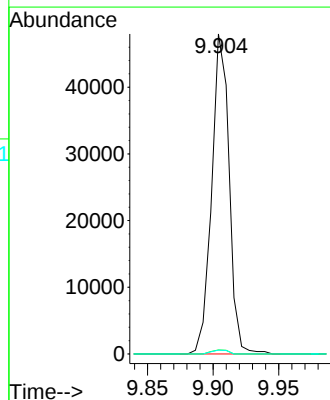
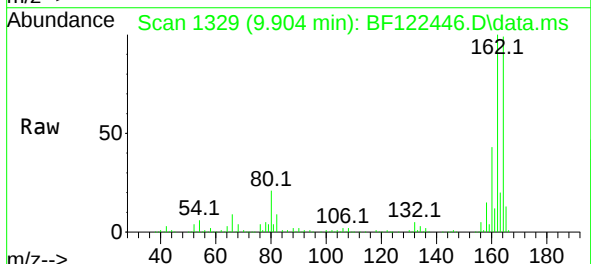
Instrument :
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RCA-EDISON-3

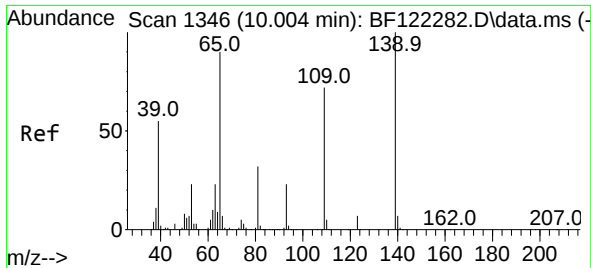
Tgt Ion: 65 Resp: 229
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.25 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion:165 Resp: 44351
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.2 49.0 73.6#

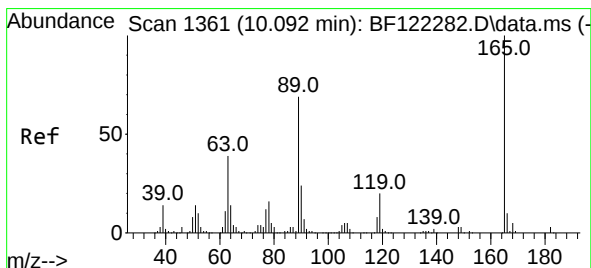
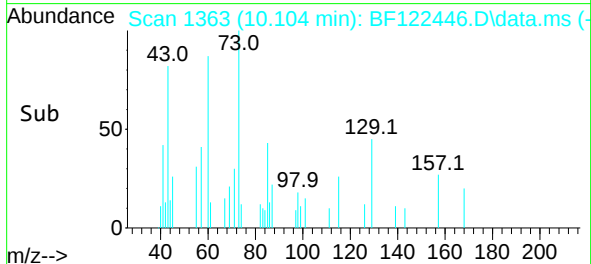
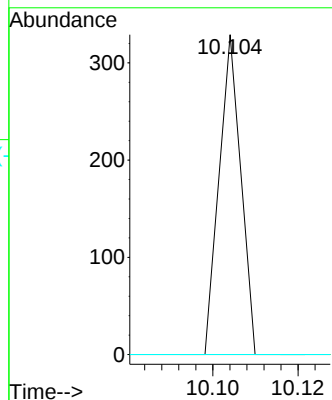
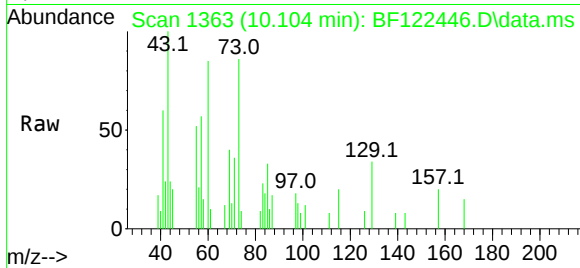




#56
4-Nitrophenol
Concen: 5.43 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.076 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

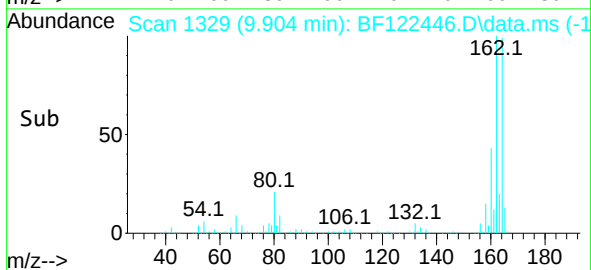
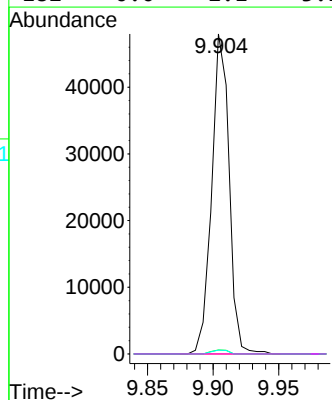
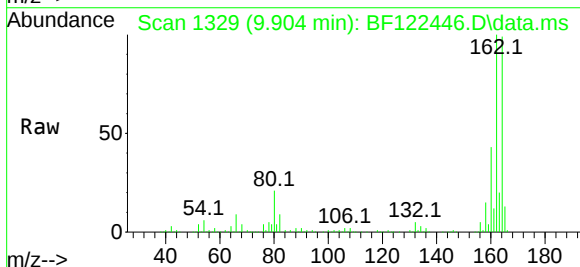
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

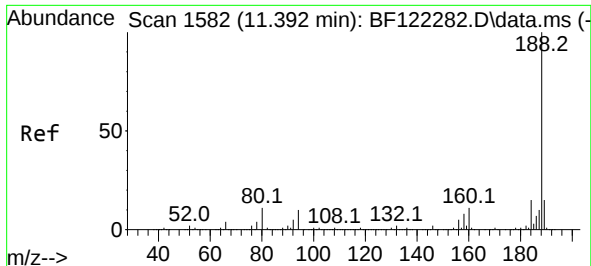
Tgt Ion:139 Resp: 116
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.50 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion:165 Resp: 44351
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#

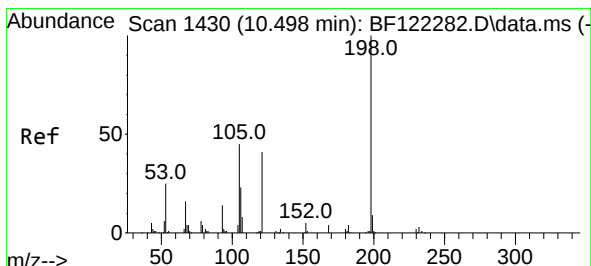
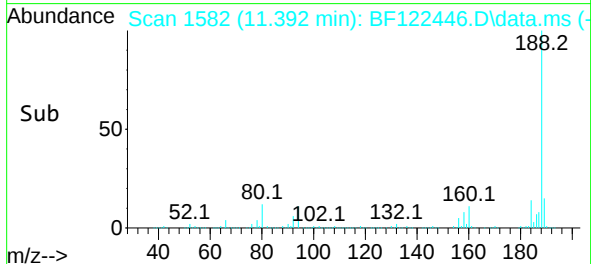
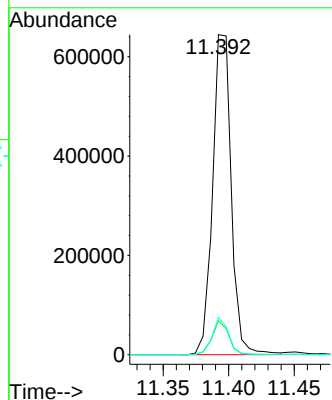
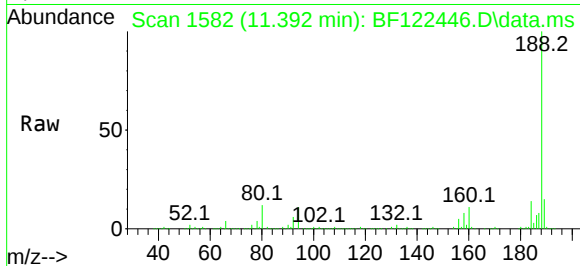




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

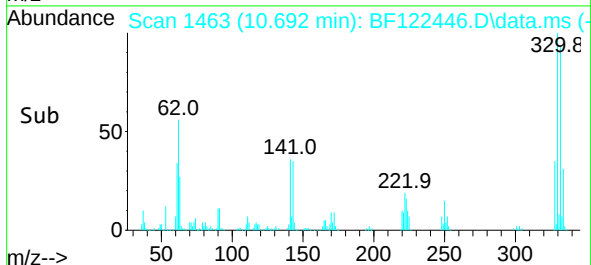
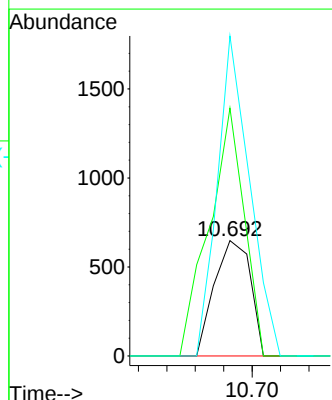
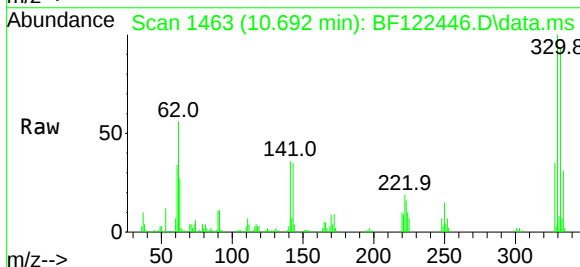
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

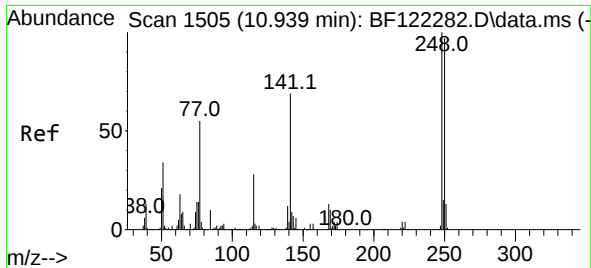
Tgt Ion:188 Resp: 638010
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.40 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion:198 Resp: 570
Ion Ratio Lower Upper
198 100
51 215.0 29.6 69.6#
105 277.5 24.4 64.4#

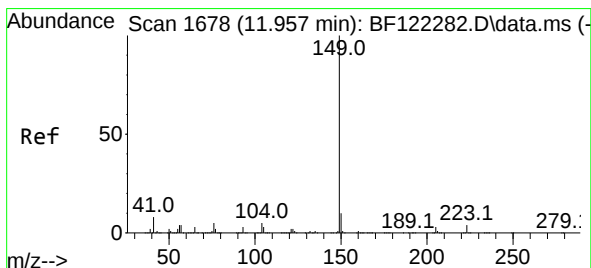
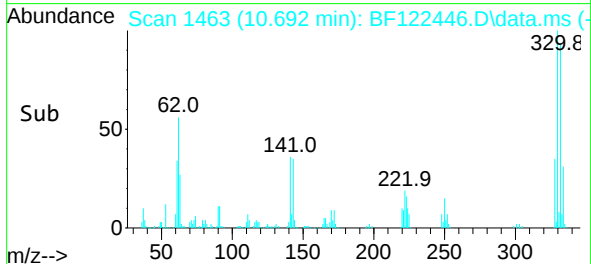
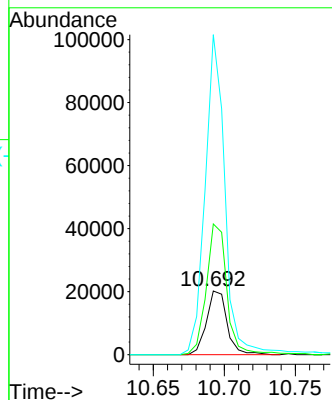
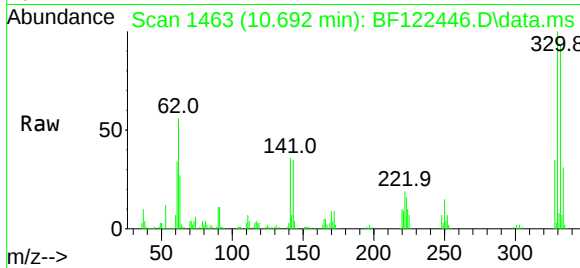




#67
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

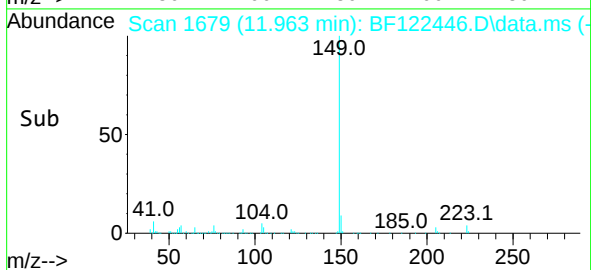
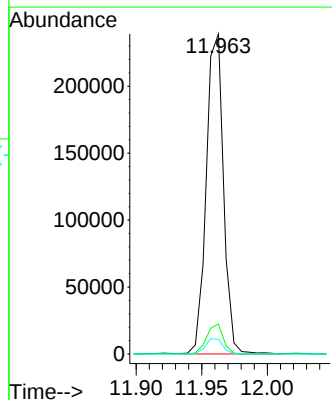
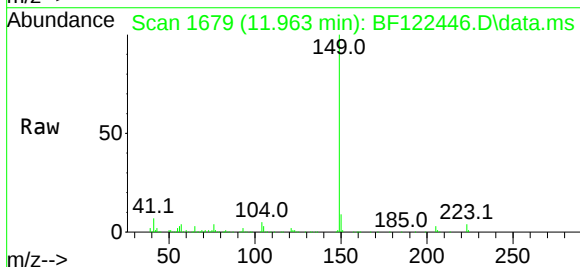
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

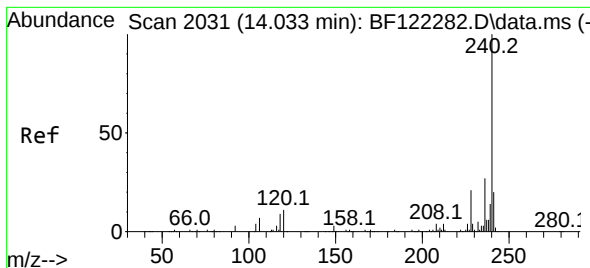
Tgt Ion:248 Resp: 20409
Ion Ratio Lower Upper
248 100
250 205.1 77.0 115.6#
141 502.1 53.7 80.5#



#74
Di-n-butylphthalate
Concen: 6.05 ng
RT: 11.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion:149 Resp: 219045
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.6 4.2 6.2

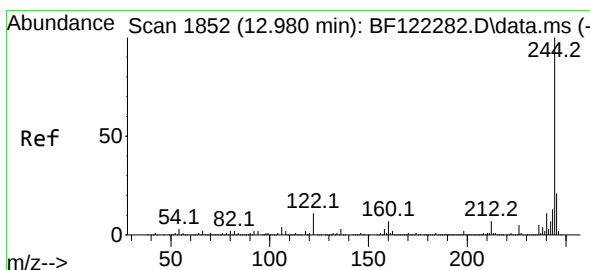
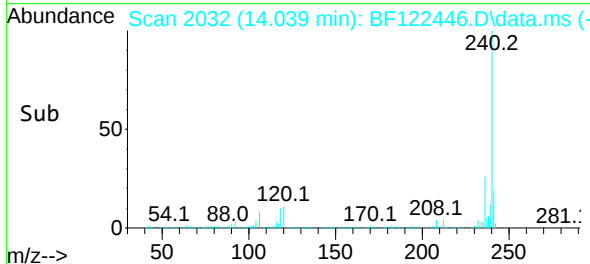
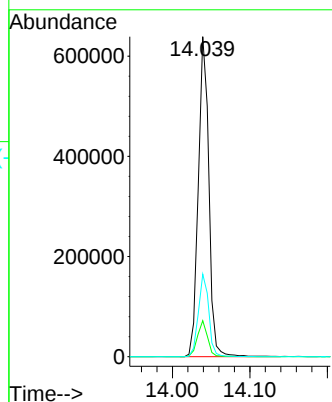
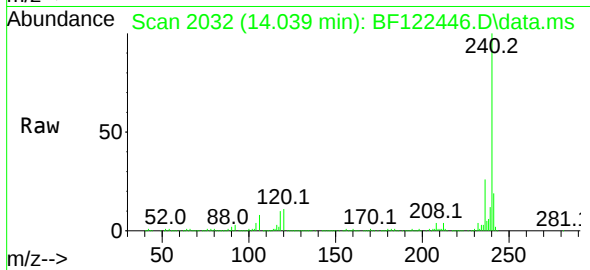




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

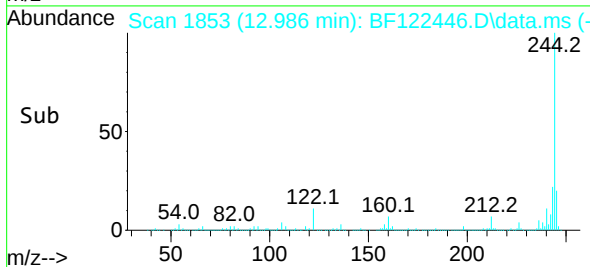
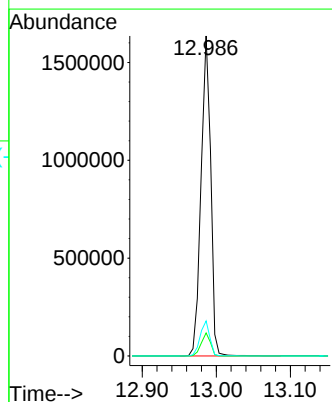
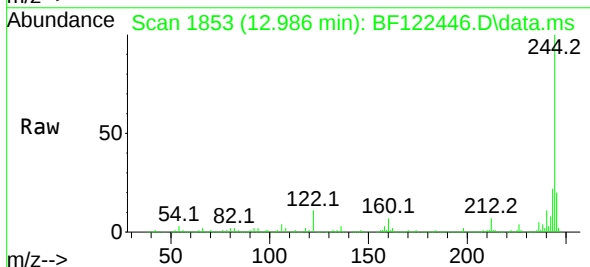
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

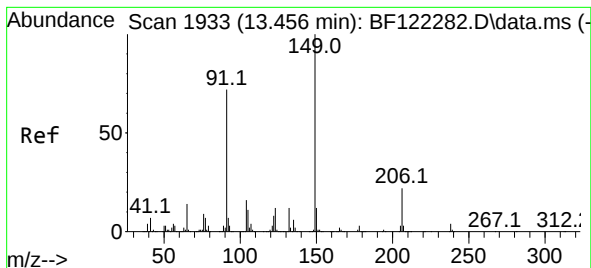
Tgt Ion:240 Resp: 603375
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 51.83 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion:244 Resp: 1476148
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.0 8.1 12.1

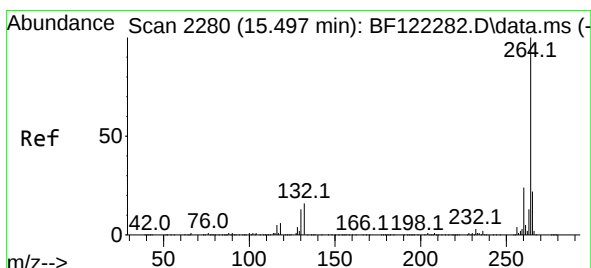
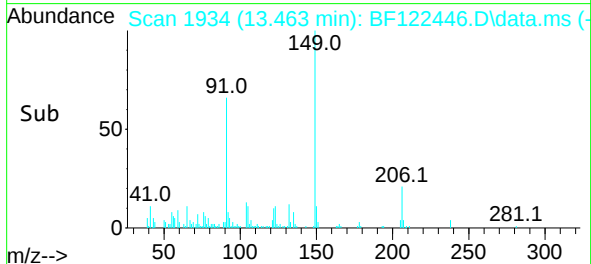
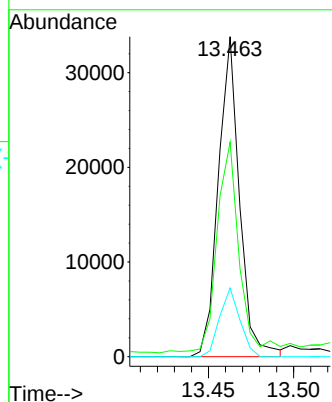
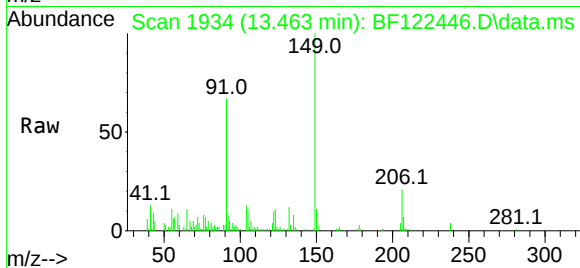




#80
Butylbenzylphthalate
Concen: 4.89 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

Tgt Ion:149 Resp: 29268
Ion Ratio Lower Upper
149 100
91 67.1 61.0 91.4
206 21.4 16.7 25.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122446.D
Acq: 23 Nov 2020 14:40

Tgt Ion:264 Resp: 598857
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.8 17.3 25.9

