

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131602.D
 Acq On : 12 Dec 2022 20:15
 Operator : CG\JU
 Sample : N5912-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FMC-TOTE-1207RE

Quant Time: Dec 13 04:17:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	47988	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	160403	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	79630	20.000	ng	0.01
64) Phenanthrene-d10	11.451	188	136156	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	120158	20.000	ng	# 0.00
86) Perylene-d12	15.627	264	131177	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	34485	11.989	ng	0.00
7) Phenol-d6	6.540	99	29919m	7.937	ng	0.01
23) Nitrobenzene-d5	7.463	82	266518	62.818	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	85250	96.359	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	403382	63.872	ng	0.03
79) Terphenyl-d14	13.045	244	327173	37.341	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.551	94	61958m	14.736	ng	
20) 3+4-Methylphenols	7.304	107	84236m	22.511	ng	
59) 2,3,4,6-Tetrachlorophenol	10.292	232	5804	3.495	ng	# 58
70) Pentachlorophenol	11.257	266	11855	12.155	ng	96
74) Di-n-butylphthalate	12.016	149	40176	5.434	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.086	149	20980	7.240	ng	# 94

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

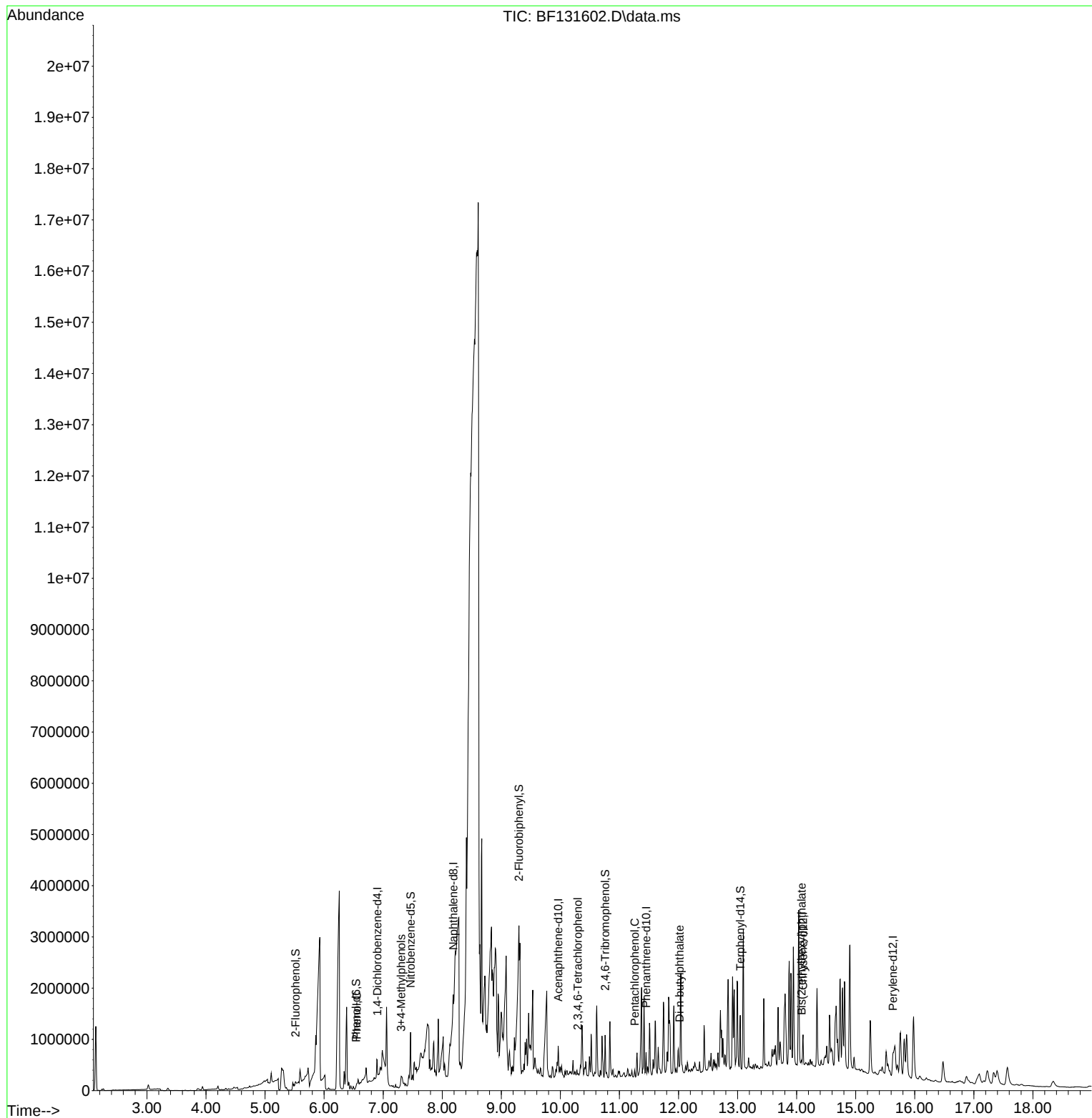
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131602.D
Acq On : 12 Dec 2022 20:15
Operator : CG\JU
Sample : N5912-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

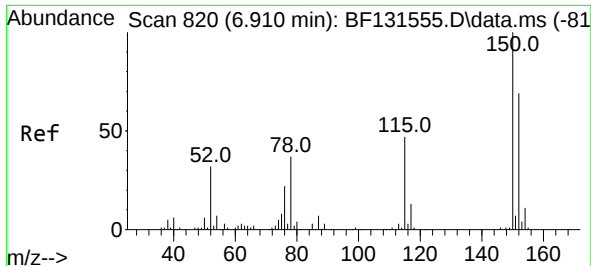
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

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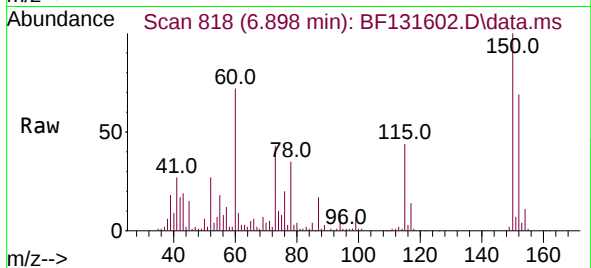
Quant Time: Dec 13 04:17:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 04:12:13 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

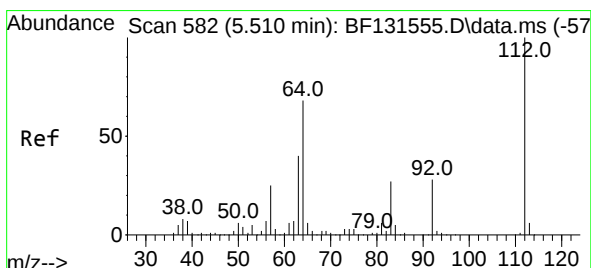
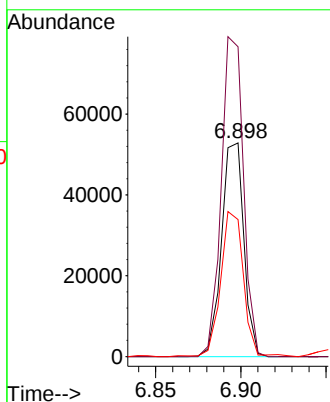
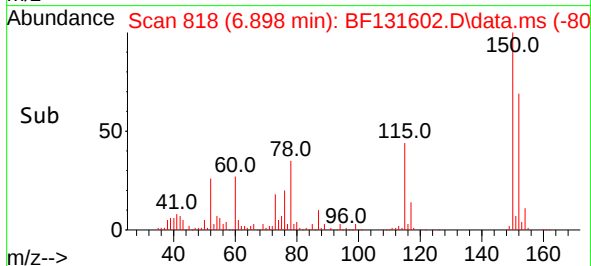
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



Tgt Ion:152 Resp: 47988
Ion Ratio Lower Upper
152 100
150 145.0 116.7 175.1
115 64.2 54.6 82.0

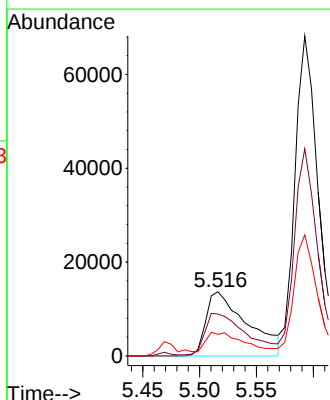
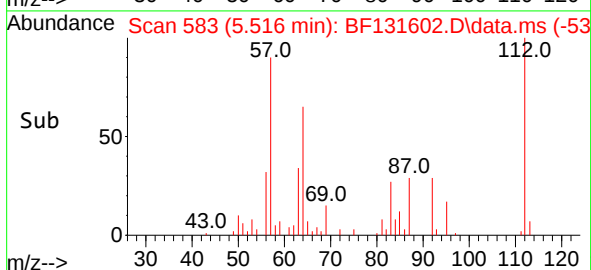
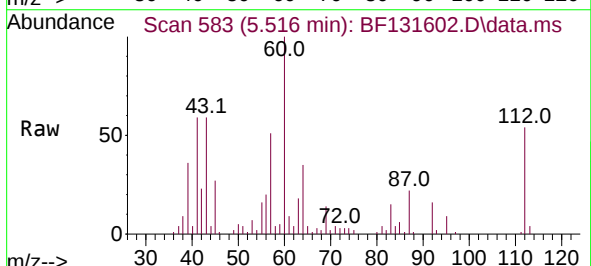
Manual Integrations
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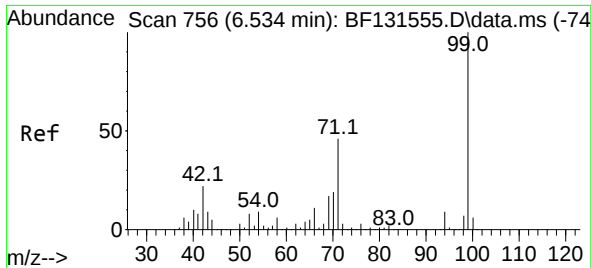
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#5
2-Fluorophenol
Concen: 11.989 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

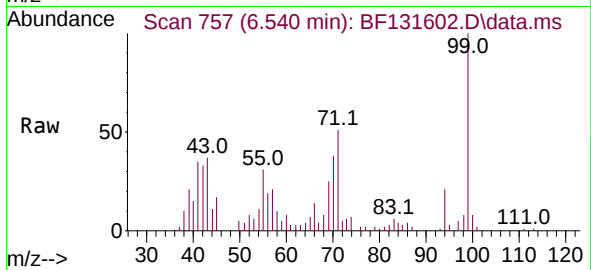
Tgt Ion:112 Resp: 34485
Ion Ratio Lower Upper
112 100
64 65.3 54.5 81.7
63 33.5 31.9 47.9





#7
Phenol-d6
Concen: 7.937 ng m
RT: 6.540 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

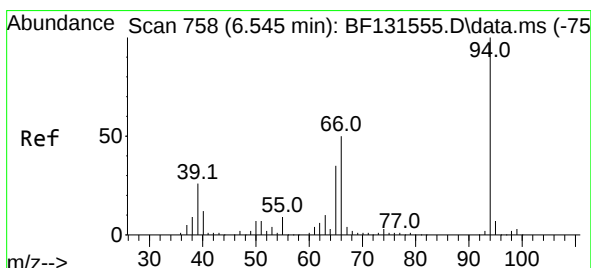
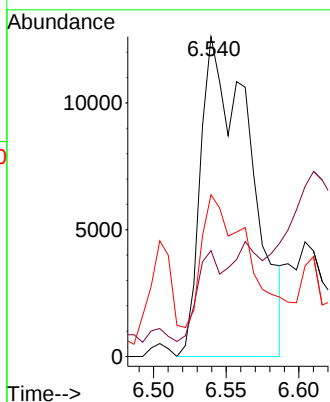
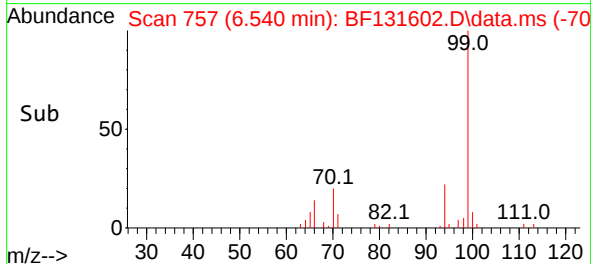
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



Tgt Ion: 99 Resp: 29919
Ion Ratio Lower Upper
99 100
42 33.1 17.9 26.9
71 50.6 37.2 55.8

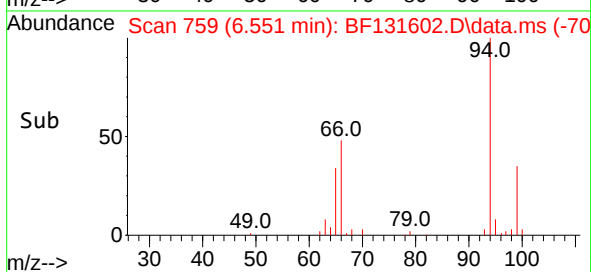
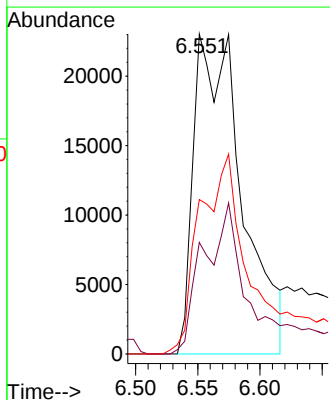
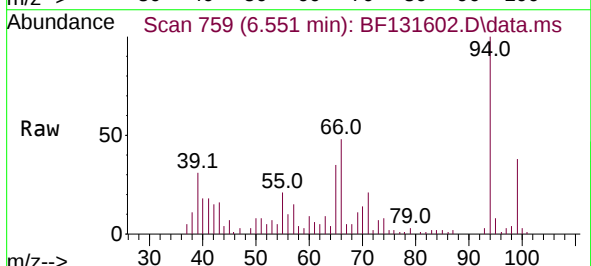
Manual Integrations
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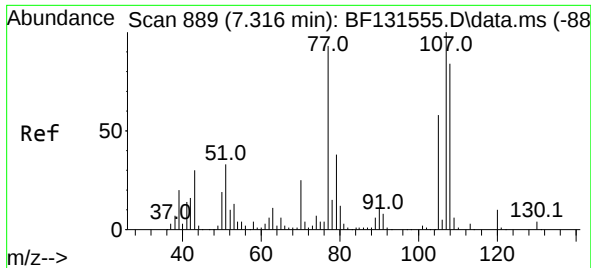
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#10
Phenol
Concen: 14.736 ng m
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

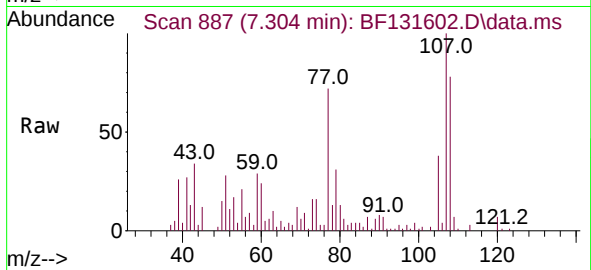
Tgt Ion: 94 Resp: 61958
Ion Ratio Lower Upper
94 100
65 34.8 14.8 54.8
66 48.2 30.8 70.8





#20
3+4-Methylphenols
Concen: 22.511 ng m
RT: 7.304 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

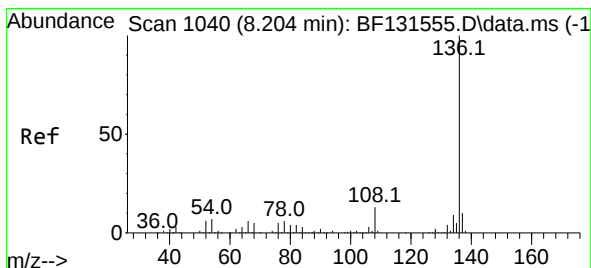
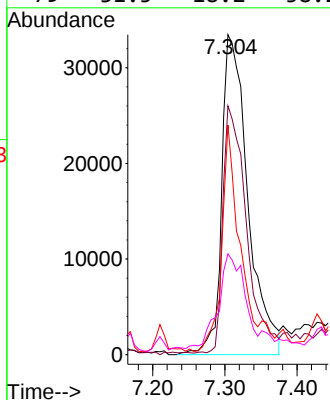
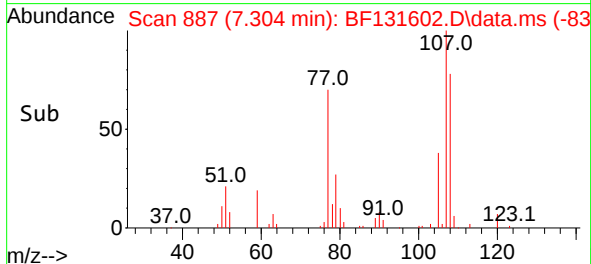
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



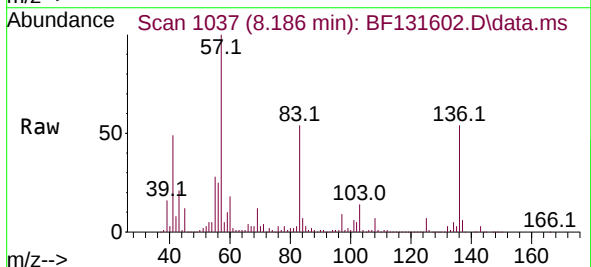
Tgt Ion:107 Resp: 84236
Ion Ratio Lower Upper
107 100
108 77.7 64.0 104.0
77 71.7 73.1 113.1
79 31.5 18.2 58.2

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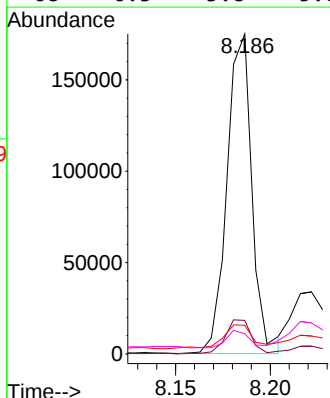
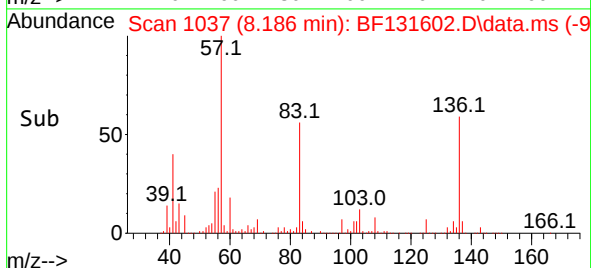
Reviewed By :Christian Giraldo 12/13/2022
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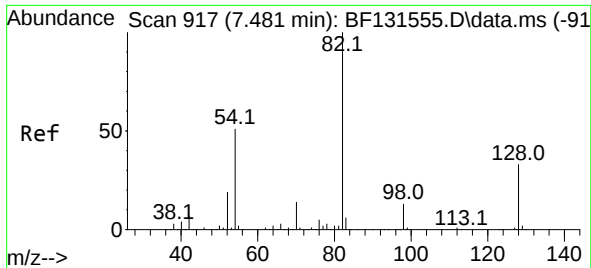


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15



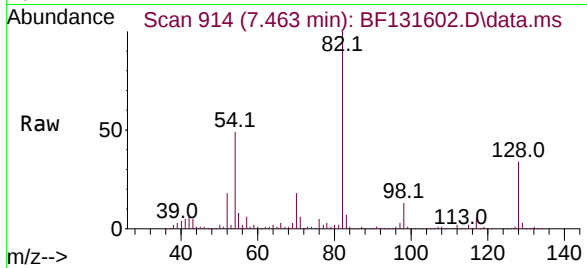
Tgt Ion:136 Resp: 160403
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 8.9 6.0 9.0
68 6.3 3.8 5.8





#23
Nitrobenzene-d5
Concen: 62.818 ng
RT: 7.463 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

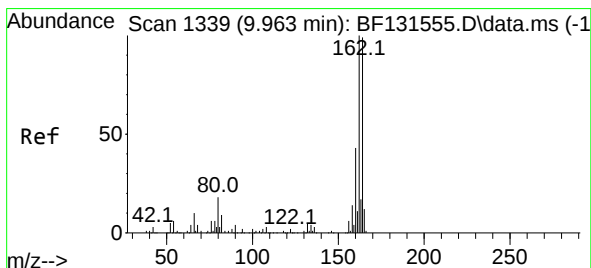
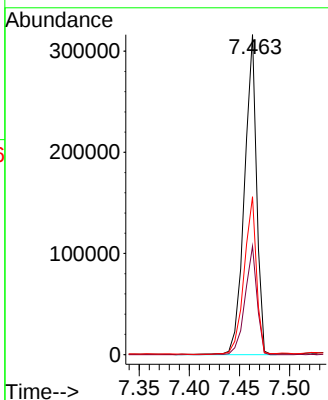
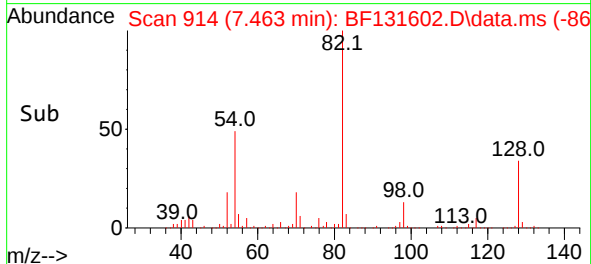
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



Tgt Ion: 82 Resp: 266518
Ion Ratio Lower Upper
82 100
128 33.9 26.1 39.1
54 49.3 40.6 60.8

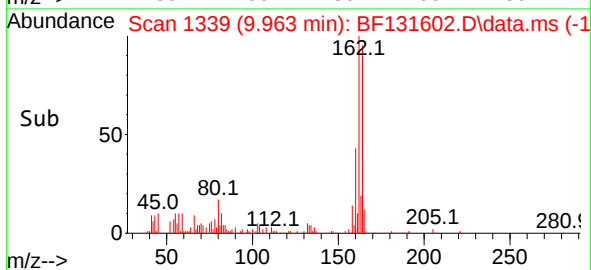
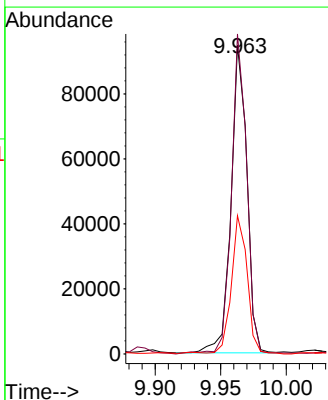
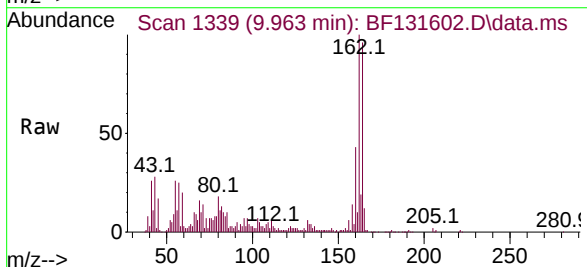
Manual Integrations
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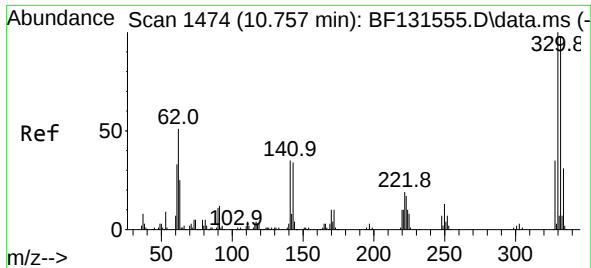
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

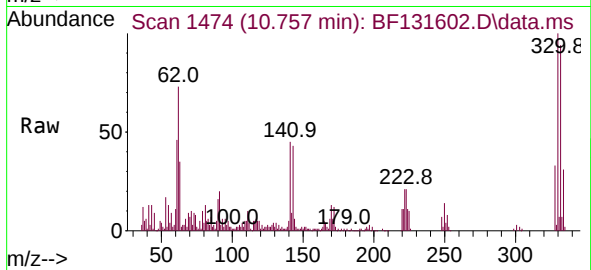
Tgt Ion:164 Resp: 79630
Ion Ratio Lower Upper
164 100
162 103.6 81.0 121.6
160 44.8 35.0 52.6





#42
2,4,6-Tribromophenol
Concen: 96.359 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

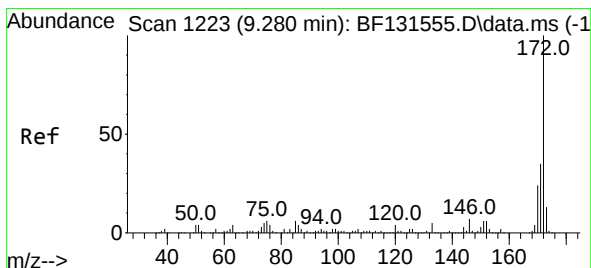
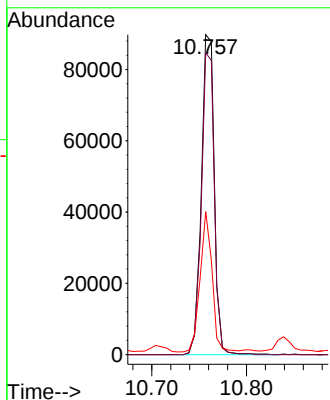
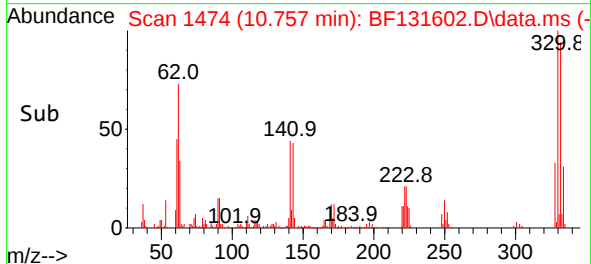
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



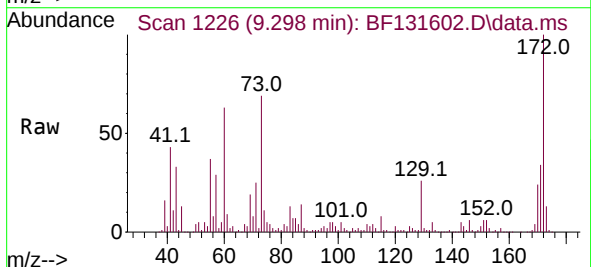
Tgt Ion: 330 Resp: 85250
Ion Ratio Lower Upper
330 100
332 94.4 78.3 117.5
141 40.4 32.6 49.0

Manual Integrations
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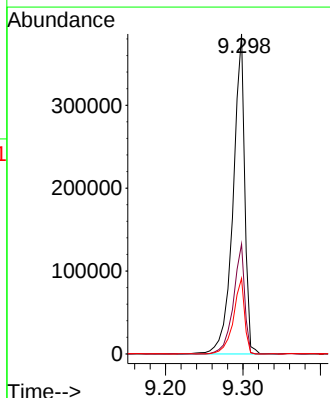
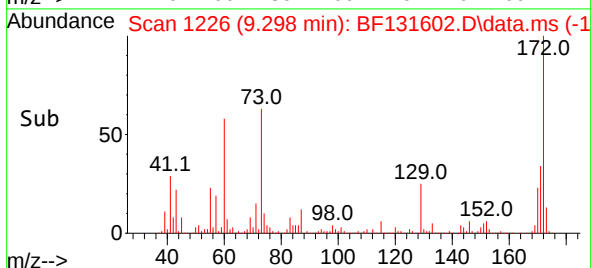
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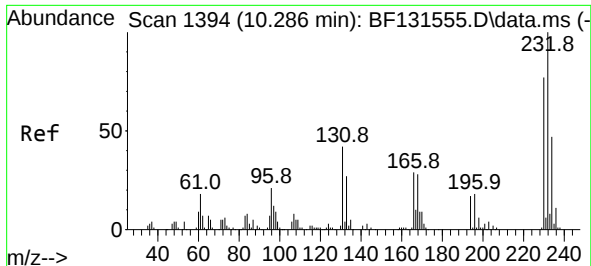


#45
2-Fluorobiphenyl
Concen: 63.872 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.029 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15



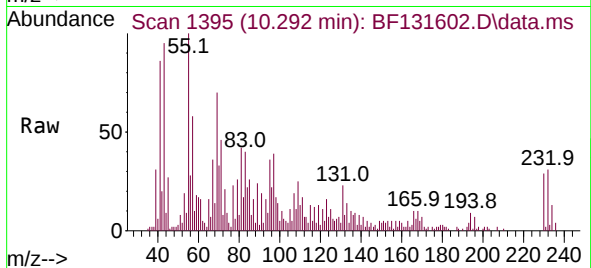
Tgt Ion: 172 Resp: 403382
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.6 19.3 28.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.495 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.012 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

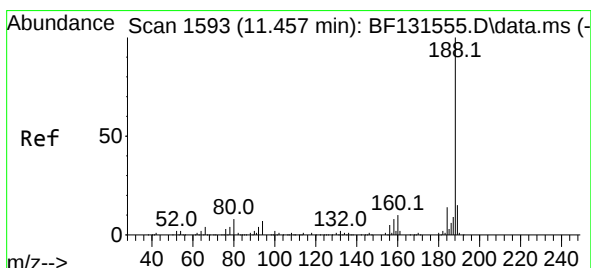
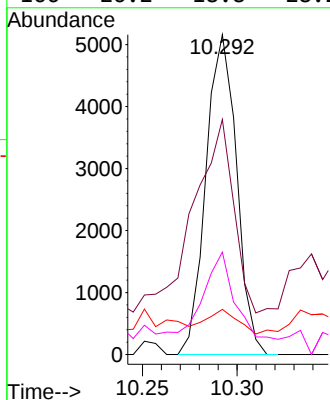
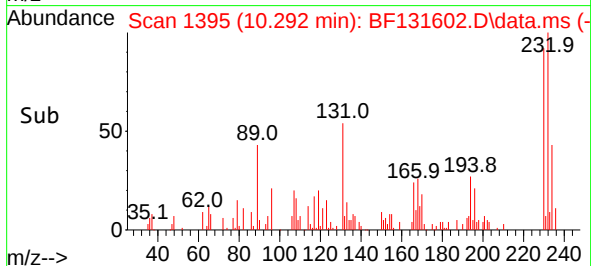
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



Tgt Ion:232 Resp: 5804
Ion Ratio Lower Upper
232 100
131 79.2 31.0 46.6
130 7.8 1.8 2.8
166 26.2 18.8 28.2

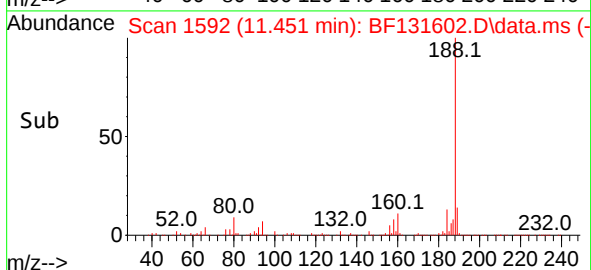
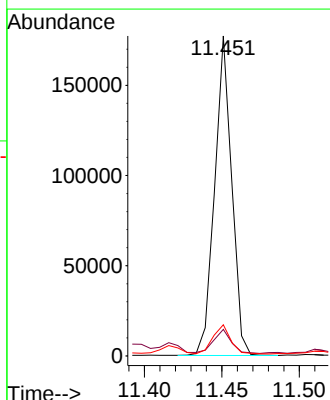
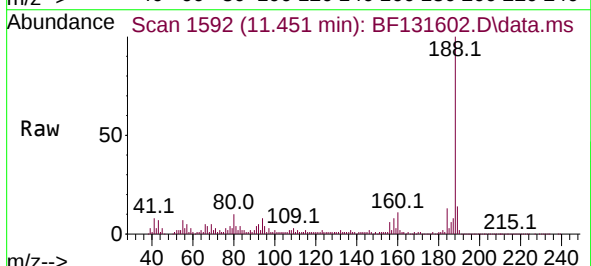
Manual Integrations
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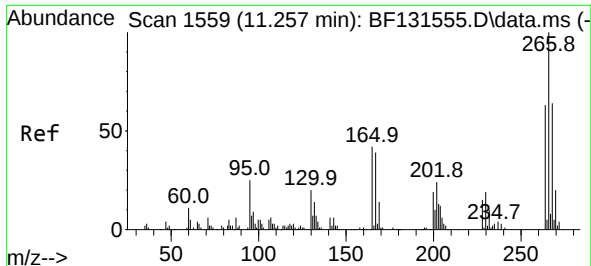
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

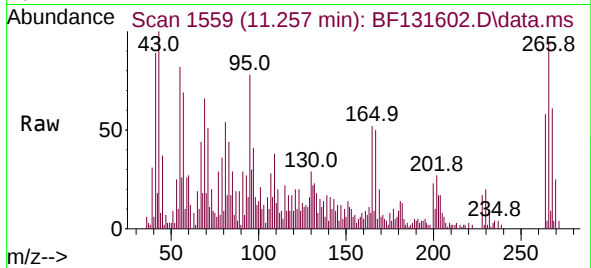
Tgt Ion:188 Resp: 136156
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3
80 9.7 6.6 10.0





#70
 Pentachlorophenol
 Concen: 12.155 ng
 RT: 11.257 min Scan# 1559
 Delta R.T. 0.006 min
 Lab File: BF131602.D
 Acq: 12 Dec 2022 20:15

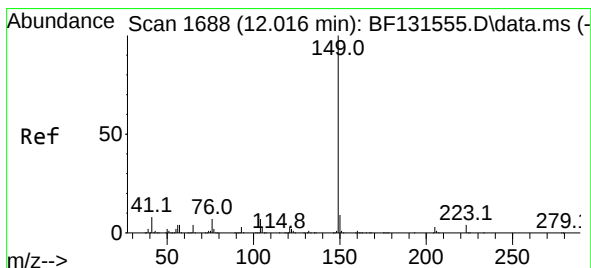
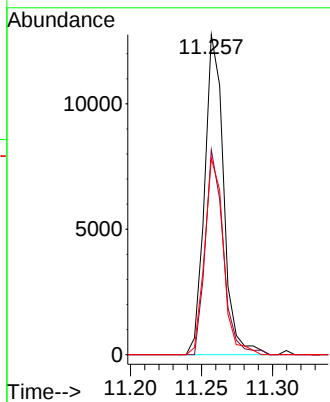
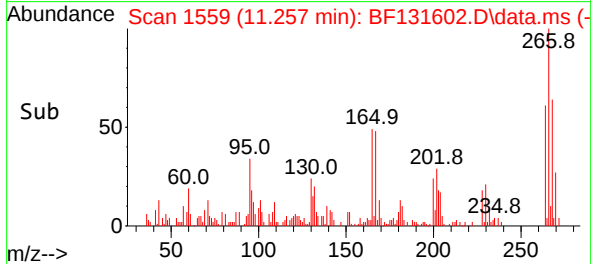
Instrument :
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 FMC-TOTE-1207RE



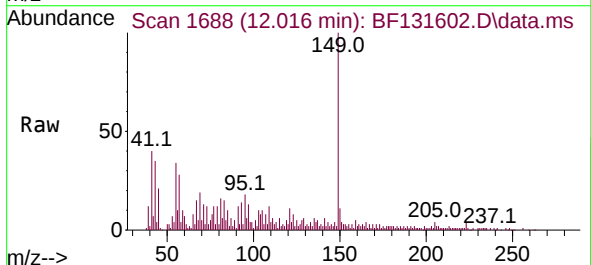
Tgt Ion:266 Resp: 1185
 Ion Ratio Lower Upper
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 268 68.4 51.5 77.3
 264 61.3 50.7 76.1

Manual Integrations
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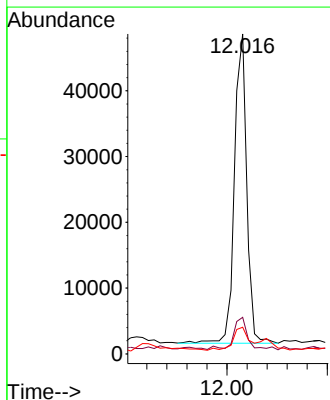
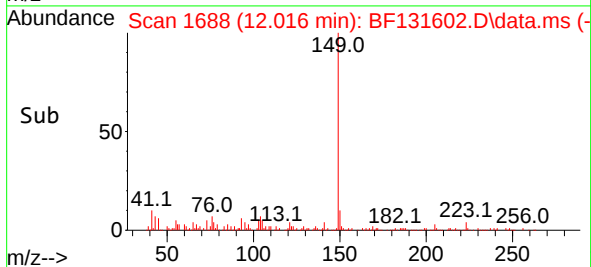
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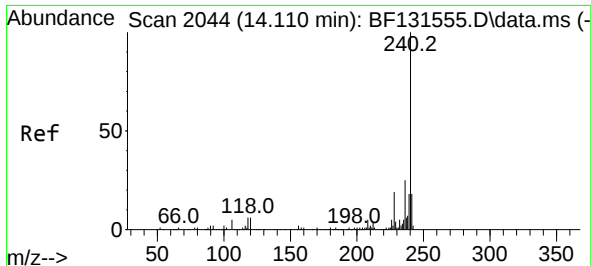


#74
 Di-n-butylphthalate
 Concen: 5.434 ng
 RT: 12.016 min Scan# 1688
 Delta R.T. 0.006 min
 Lab File: BF131602.D
 Acq: 12 Dec 2022 20:15



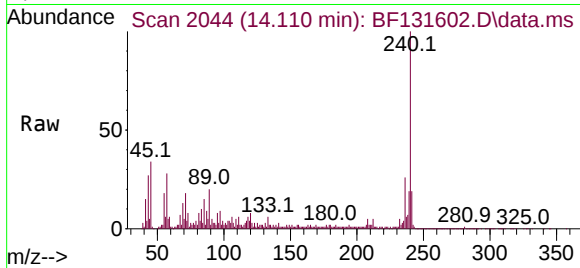
Tgt Ion:149 Resp: 40176
 Ion Ratio Lower Upper
 149 100
 150 11.4 7.2 10.8#
 104 8.4 5.2 7.8#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

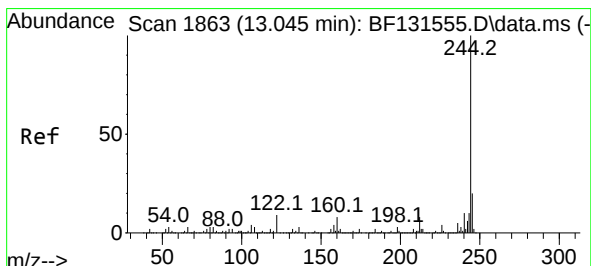
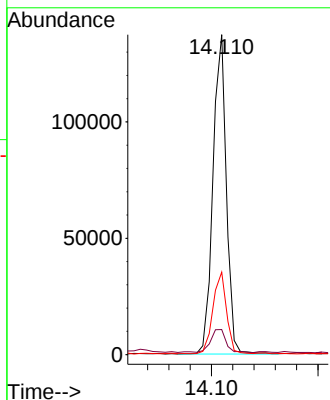
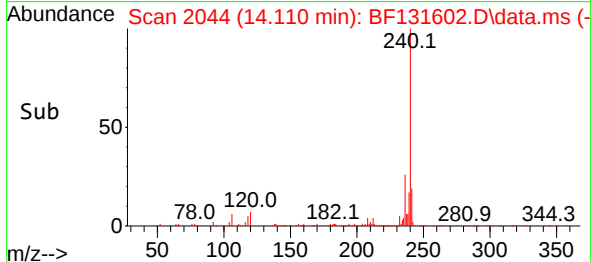
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



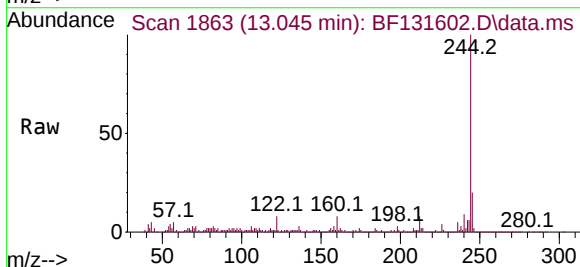
Tgt Ion:240 Resp: 120158
Ion Ratio Lower Upper
240 100
120 7.8 4.6 7.0
236 25.8 20.2 30.2

Manual Integrations
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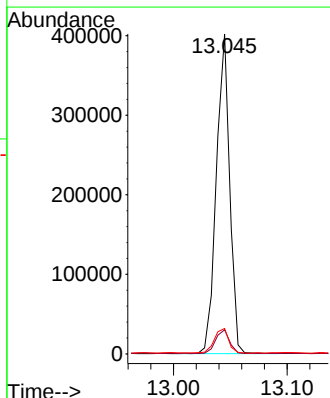
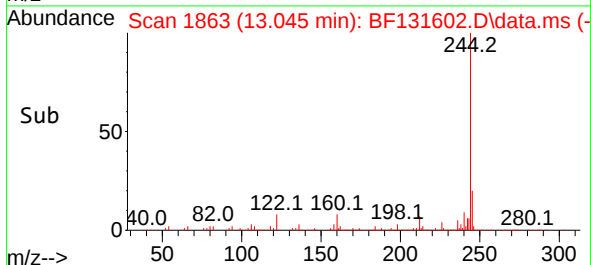
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

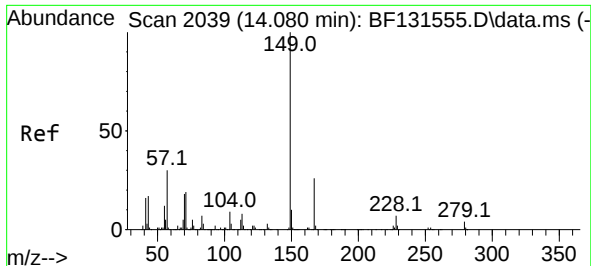


#79
Terphenyl-d14
Concen: 37.341 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15



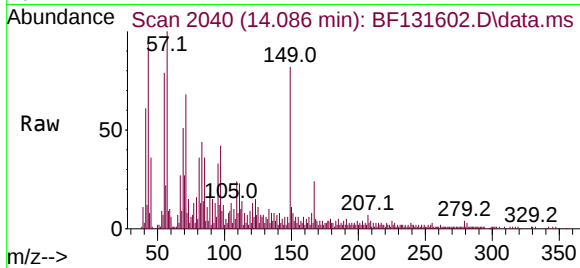
Tgt Ion:244 Resp: 327173
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 7.9 7.1 10.7





#84
Bis(2-ethylhexyl)phthalate
Concen: 7.240 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

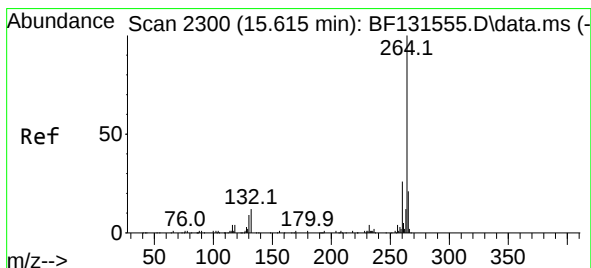
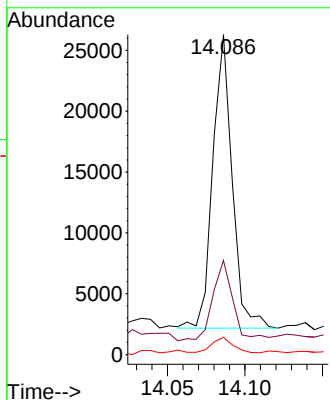
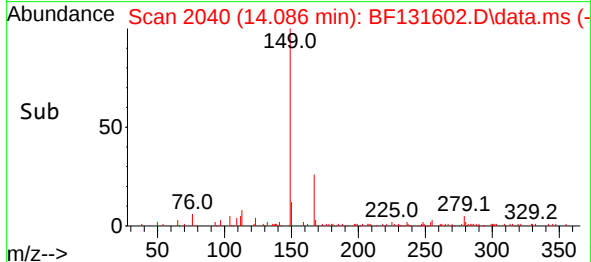
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



Tgt Ion:149 Resp: 20980
Ion Ratio Lower Upper
149 100
167 29.4 20.8 31.2
279 5.4 3.3 4.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2302
Delta R.T. 0.012 min
Lab File: BF131602.D
Acq: 12 Dec 2022 20:15

Tgt Ion:264 Resp: 131177
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 22.1 16.8 25.2

