

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
 Data File : BF131587.D
 Acq On : 10 Dec 2022 15:24
 Operator : CG\JU
 Sample : N5912-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FMC-TOTE-1207RE

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 06:01:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	43656	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	146840	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	72054	20.000	ng	0.01
64) Phenanthrene-d10	11.463	188	127447	20.000	ng	0.00
76) Chrysene-d12	14.116	240	111866	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	124163	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	27558m	10.531	ng	0.02
7) Phenol-d6	6.551	99	25632m	7.475	ng	0.02
23) Nitrobenzene-d5	7.481	82	241499	62.179	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	78906	98.566	ng	0.01
45) 2-Fluorobiphenyl	9.304	172	387008	67.723	ng	0.02
79) Terphenyl-d14	13.051	244	306155	37.533	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.569	94	58068	15.181	ng	94
20) 3+4-Methylphenols	7.322	107	62696	18.418	ng	87
59) 2,3,4,6-Tetrachlorophenol	10.304	232	5407	3.599	ng	# 53
70) Pentachlorophenol	11.269	266	11317	12.396	ng	98
74) Di-n-butylphthalate	12.022	149	37824	5.465	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.092	149	20947	7.545	ng	# 98

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

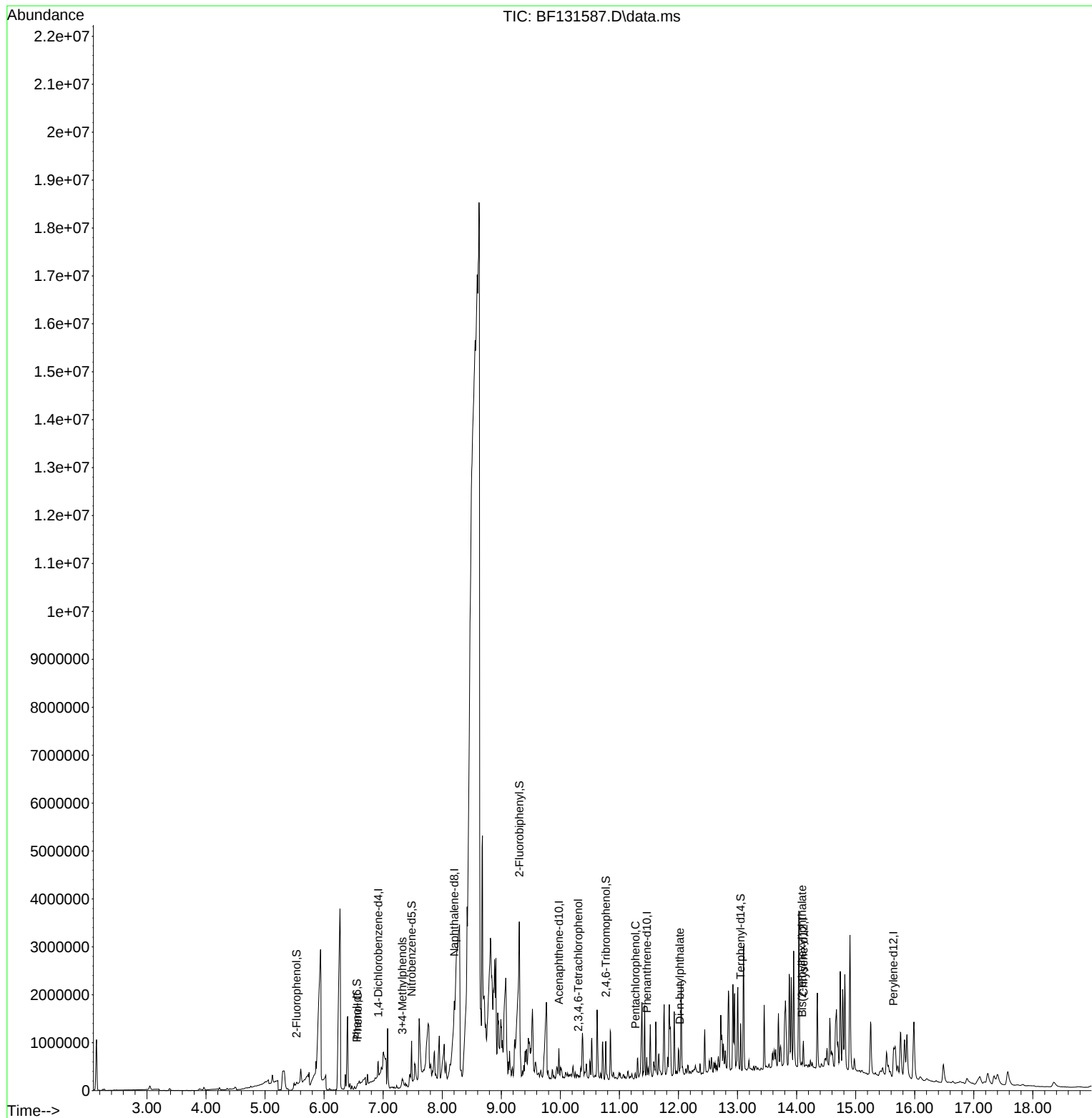
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
Data File : BF131587.D
Acq On : 10 Dec 2022 15:24
Operator : CG\JU
Sample : N5912-01RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

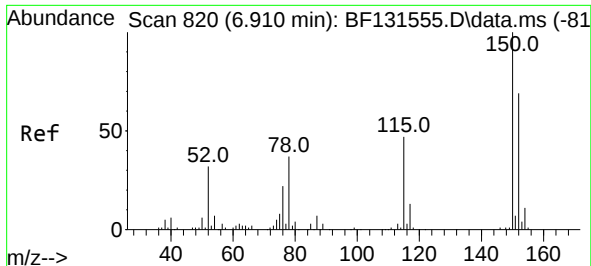
Instrument :
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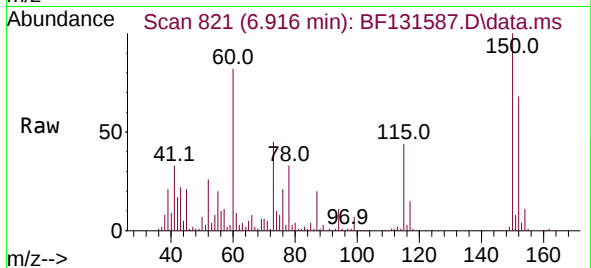
Quant Time: Dec 12 06:01:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

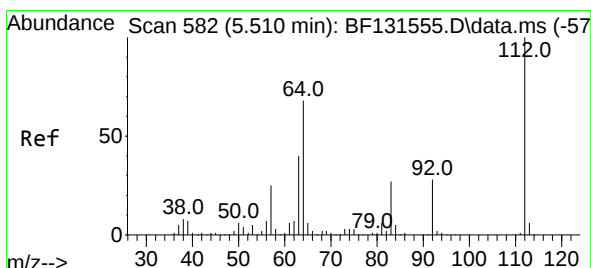
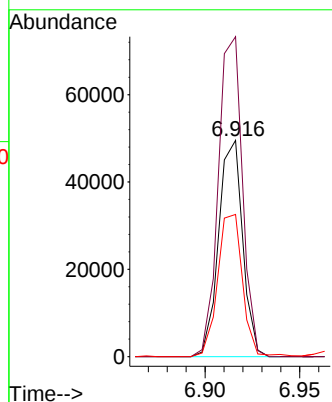
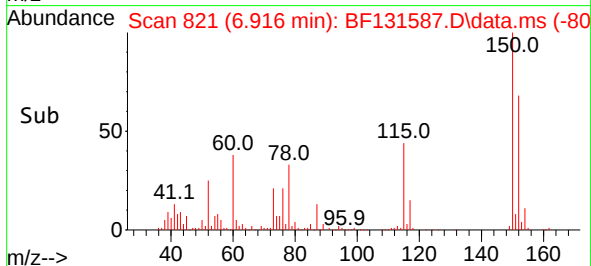
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



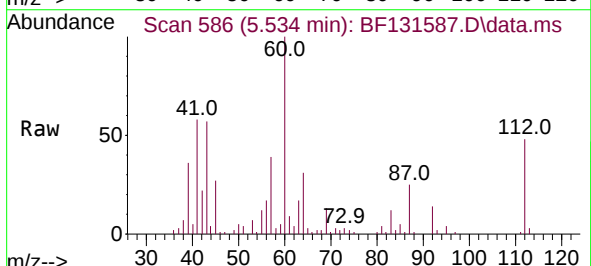
Tgt Ion:152 Resp: 43656
Ion Ratio Lower Upper
152 100
150 148.0 116.7 175.1
115 65.8 54.6 82.0

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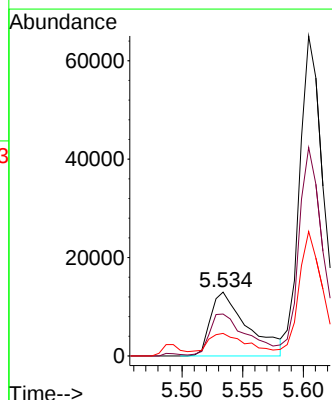
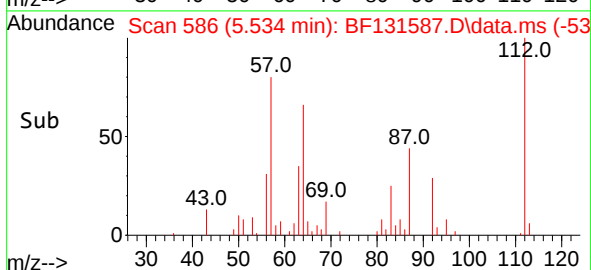
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

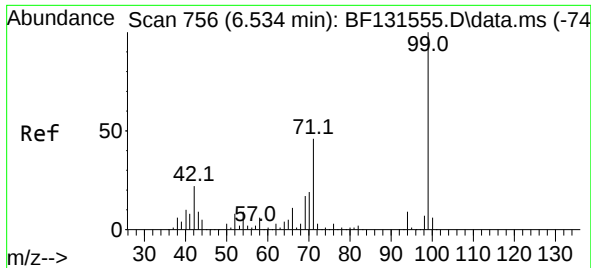


#5
2-Fluorophenol
Concen: 10.531 ng m
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24



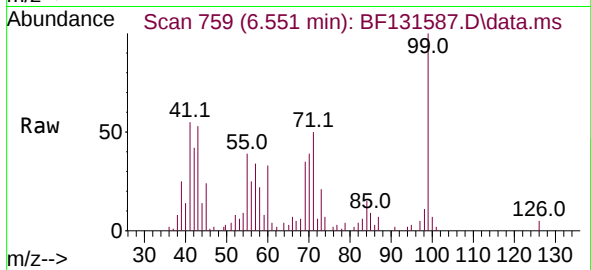
Tgt Ion:112 Resp: 27558
Ion Ratio Lower Upper
112 100
64 65.8 54.5 81.7
63 35.3 31.9 47.9





#7
Phenol-d6
Concen: 7.475 ng m
RT: 6.551 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

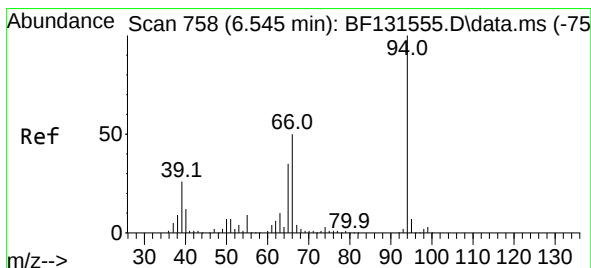
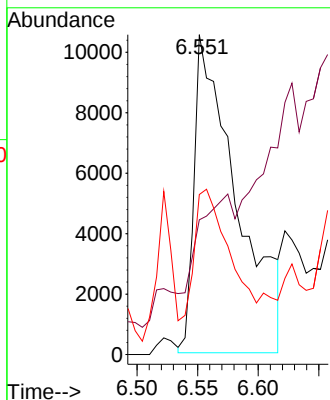
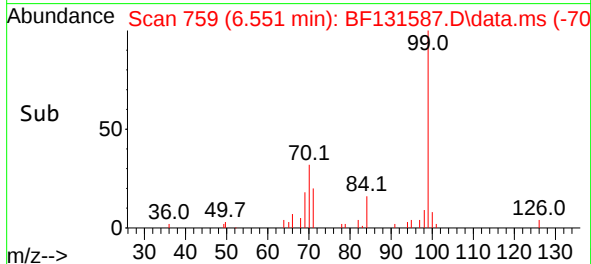
Instrument :
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Tgt Ion: 99 Resp: 25632
Ion Ratio Lower Upper
99 100
42 42.1 17.9 26.9
71 50.0 37.2 55.8

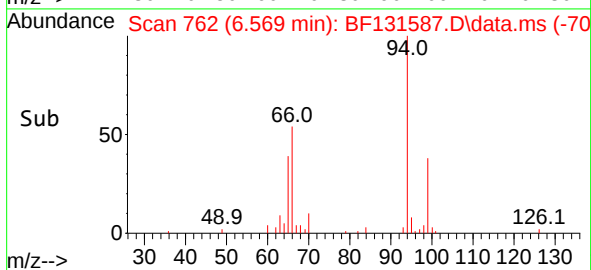
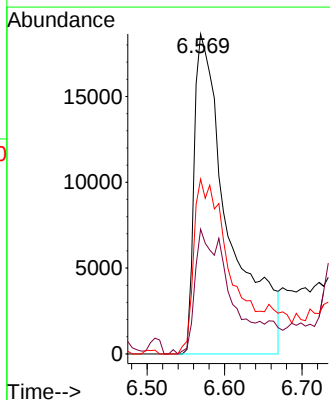
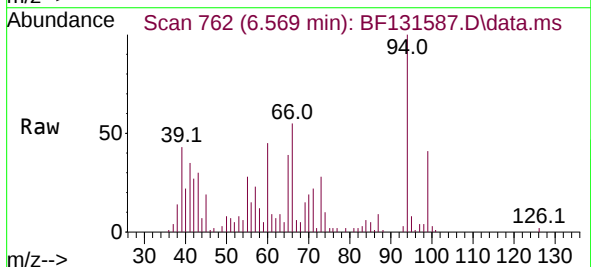
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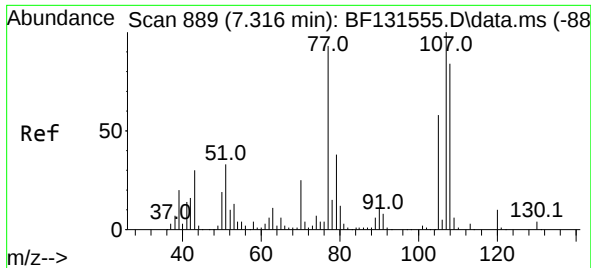
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#10
Phenol
Concen: 15.181 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.024 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion: 94 Resp: 58068
Ion Ratio Lower Upper
94 100
65 39.0 14.8 54.8
66 54.6 30.8 70.8





#20

3+4-Methylphenols

Concen: 18.418 ng

RT: 7.322 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF131587.D

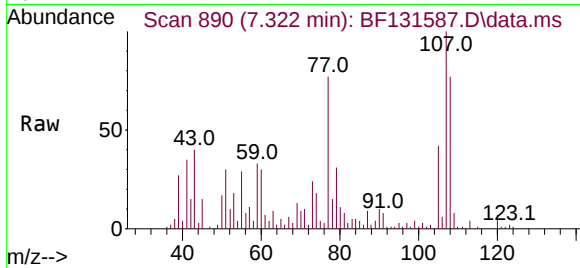
Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE



Tgt Ion:107 Resp: 62696

Ion Ratio Lower Upper

107 100

108 77.2 64.0 104.0

77 76.5 73.1 113.1

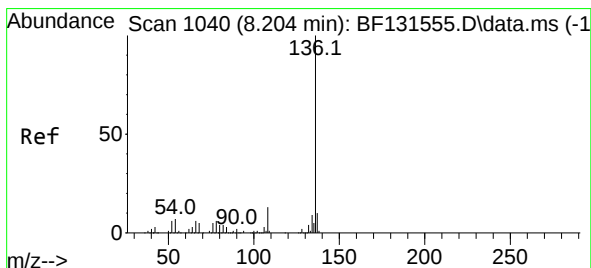
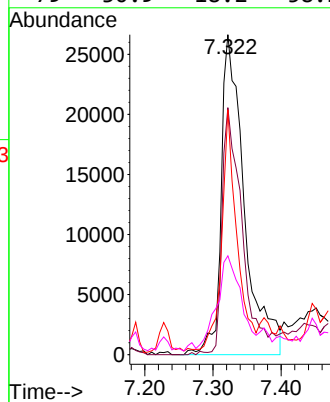
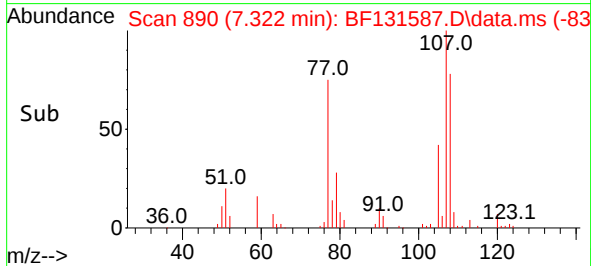
79 30.9 18.2 58.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

Tgt Ion:136 Resp: 146840

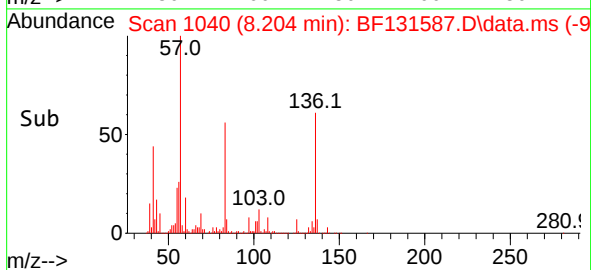
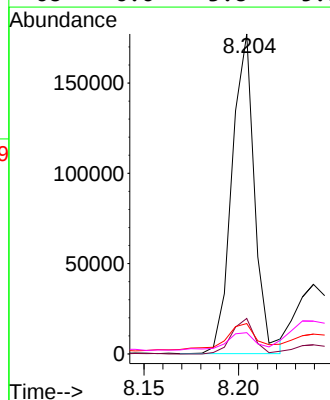
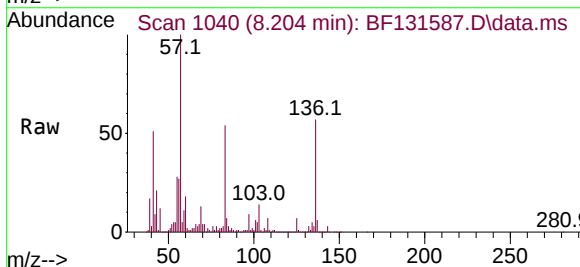
Ion Ratio Lower Upper

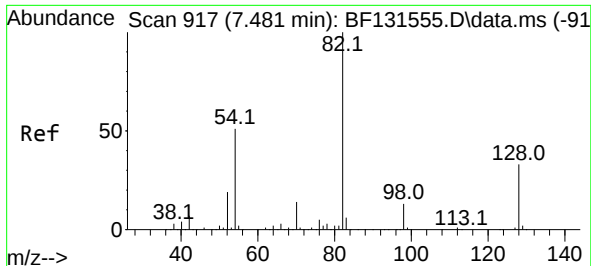
136 100

137 11.1 8.1 12.1

54 9.5 6.0 9.0#

68 6.6 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 62.179 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.000 min

Lab File: BF131587.D

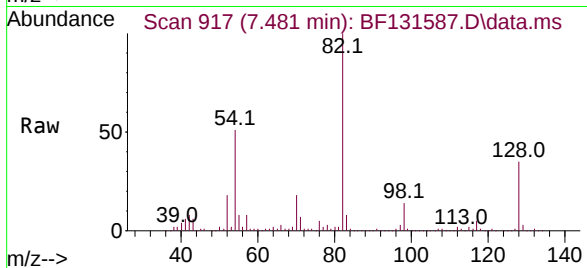
Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE



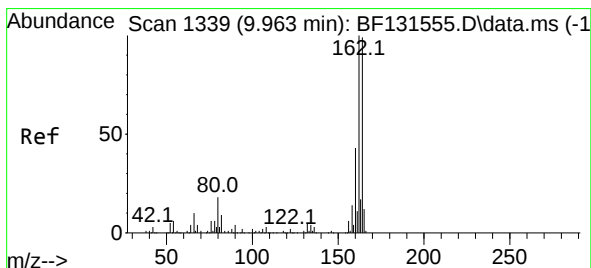
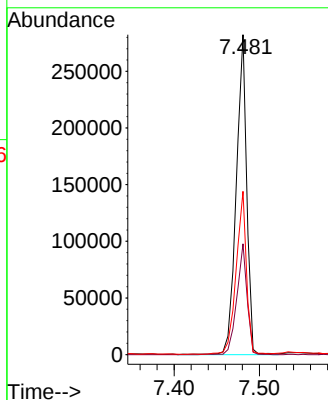
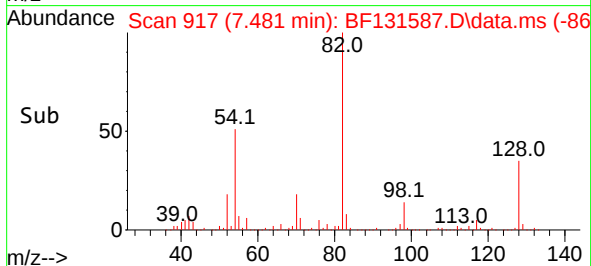
Tgt Ion: 82 Resp: 241499

Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.1	39.1
54	51.0	40.6	60.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 12/12/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1341

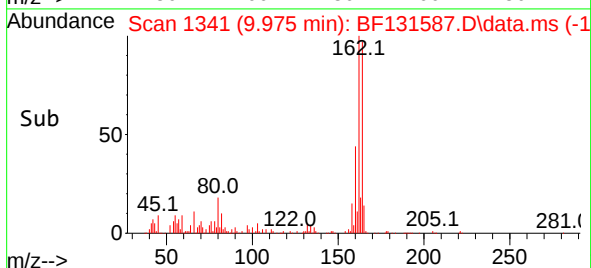
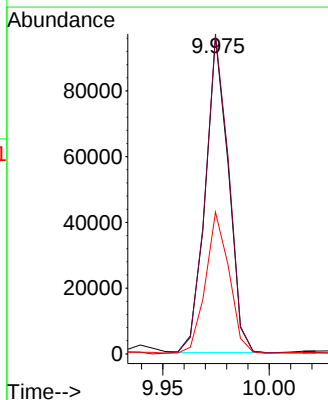
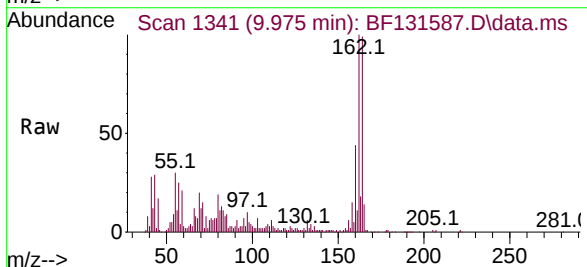
Delta R.T. 0.012 min

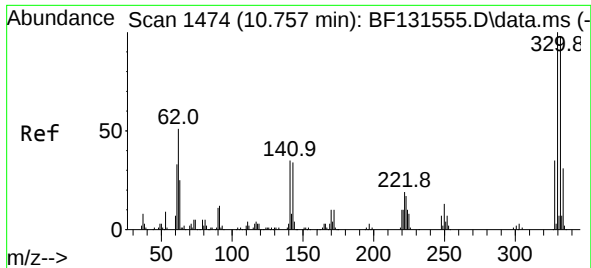
Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

Tgt Ion:164 Resp: 72054

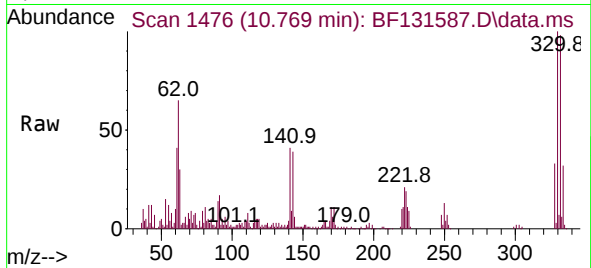
Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.6
160	44.7	35.0	52.6





#42
2,4,6-Tribromophenol
Concen: 98.566 ng
RT: 10.769 min Scan# 1474
Delta R.T. 0.012 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

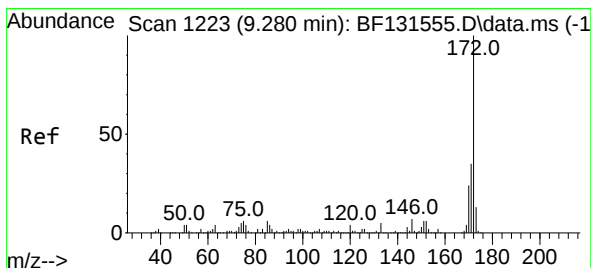
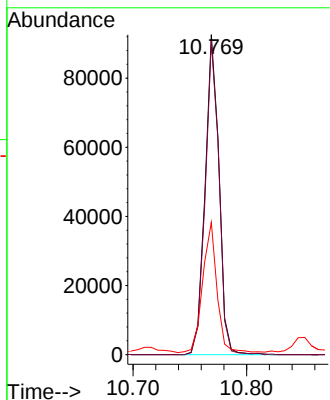
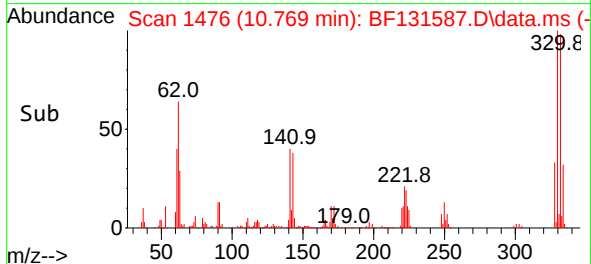
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



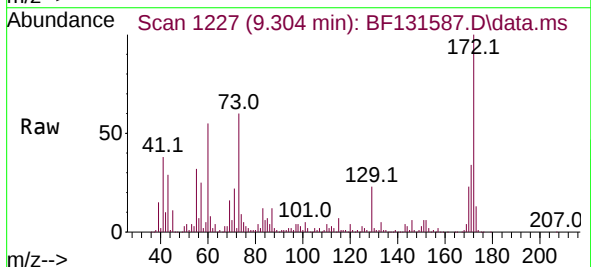
Tgt Ion: 330 Resp: 78900
Ion Ratio Lower Upper
330 100
332 97.1 78.3 117.5
141 41.7 32.6 49.0

Manual Integrations
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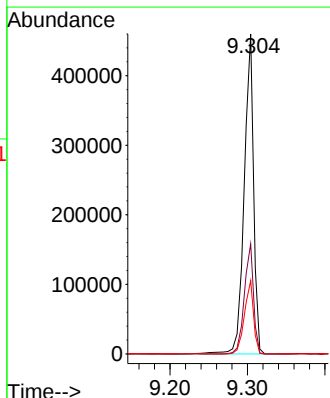
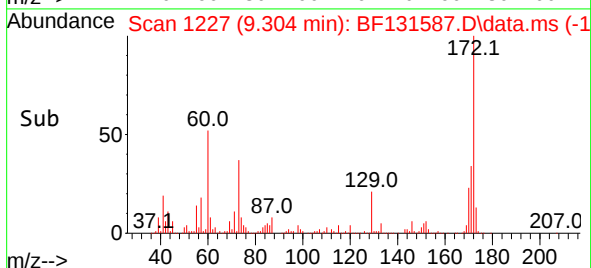
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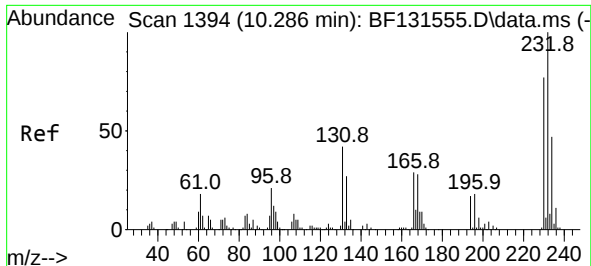


#45
2-Fluorobiphenyl
Concen: 67.723 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.024 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24



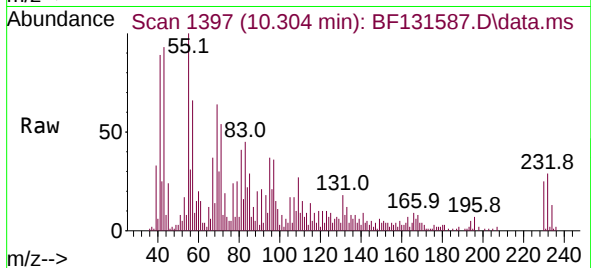
Tgt Ion: 172 Resp: 387008
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.9 19.3 28.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.599 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.018 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

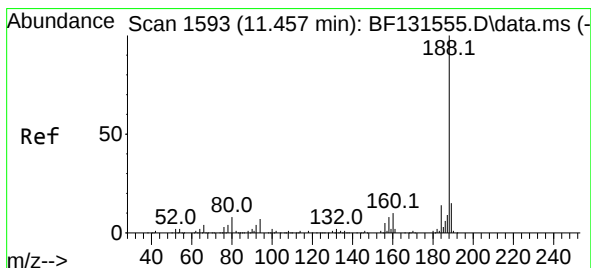
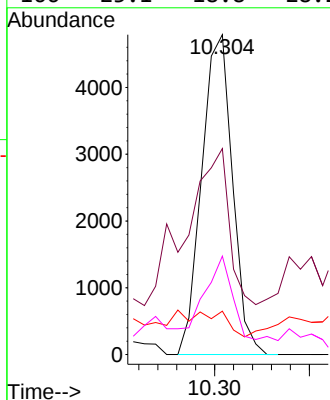
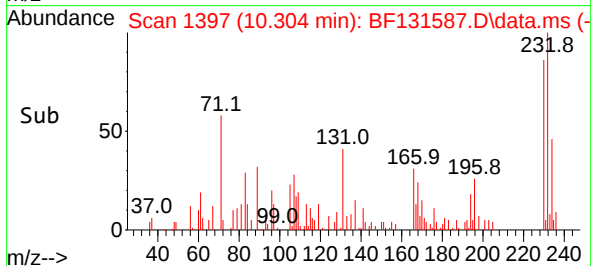
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



Tgt Ion:232 Resp: 540
Ion Ratio Lower Upper
232 100
131 85.7 31.0 46.6
130 0.0 1.8 2.8
166 23.1 18.8 28.2

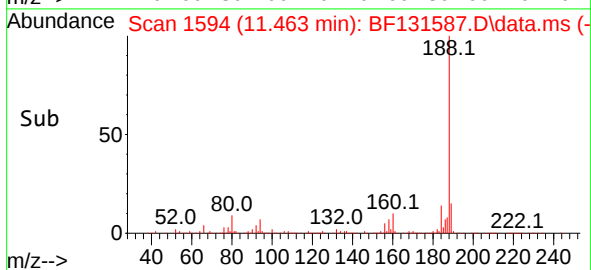
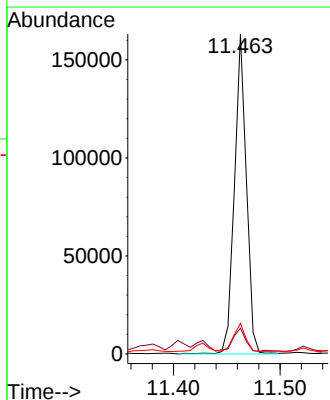
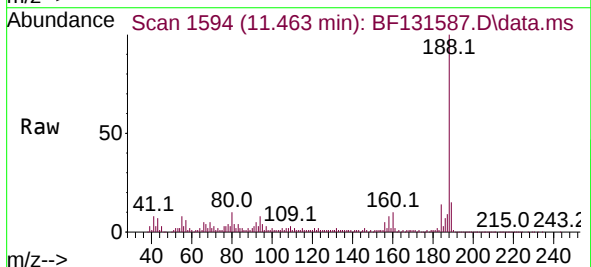
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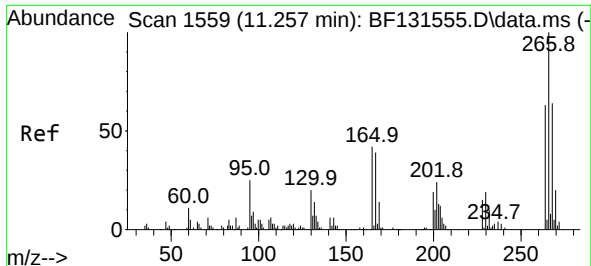
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

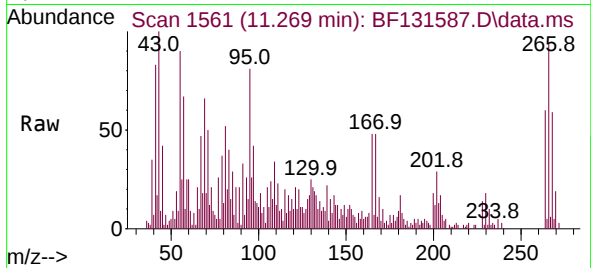
Tgt Ion:188 Resp: 127447
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 9.5 6.6 10.0





#70
Pentachlorophenol
Concen: 12.396 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.012 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

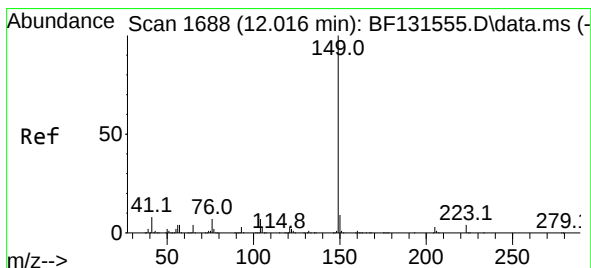
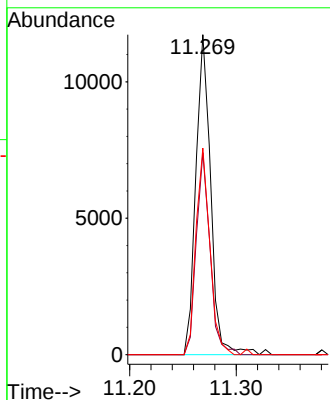
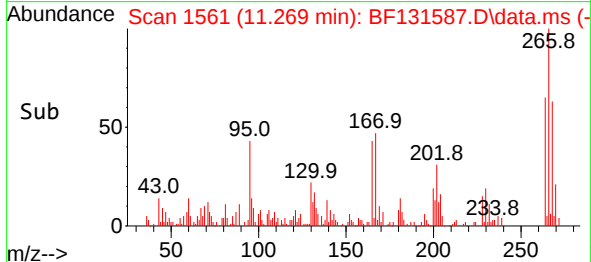
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FMC-TOTE-1207RE



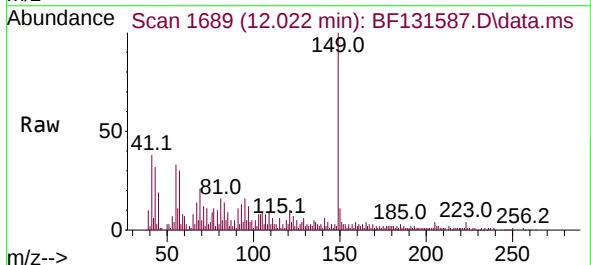
Tgt Ion:266 Resp: 1131
Ion Ratio Lower Upper
266 100
268 63.1 51.5 77.3
264 64.5 50.7 76.1

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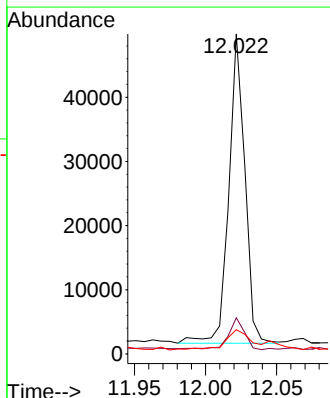
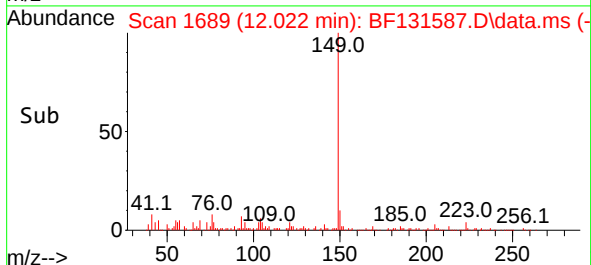
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

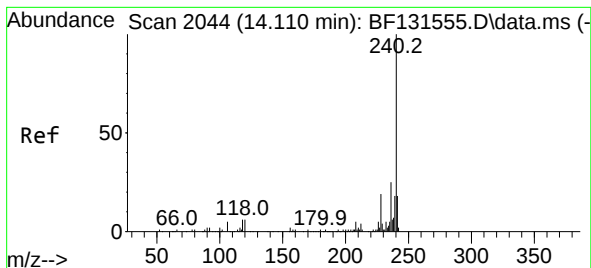


#74
Di-n-butylphthalate
Concen: 5.465 ng
RT: 12.022 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24



Tgt Ion:149 Resp: 37824
Ion Ratio Lower Upper
149 100
150 11.3 7.2 10.8#
104 7.6 5.2 7.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2044

Delta R.T. 0.006 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE

Tgt Ion:240 Resp: 111866

Ion Ratio Lower Upper

240 100

120 8.4 4.6 7.0

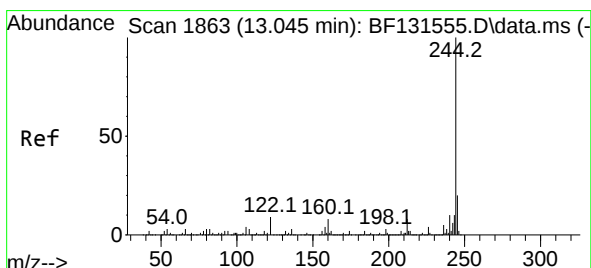
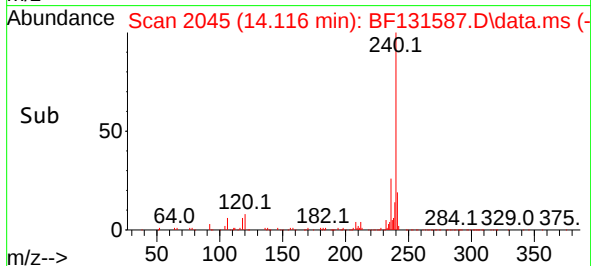
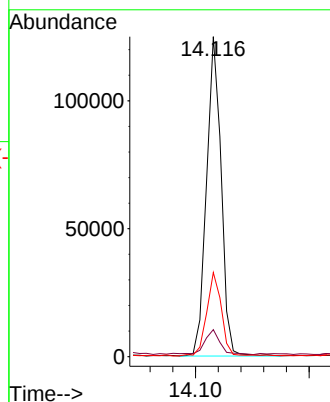
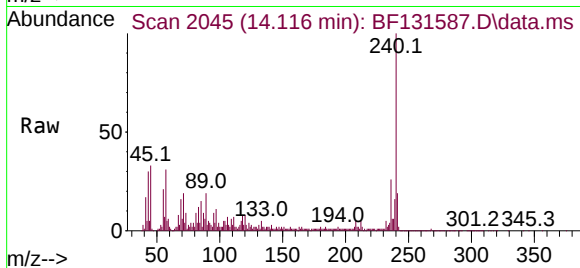
236 26.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#79

Terphenyl-d14

Concen: 37.533 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

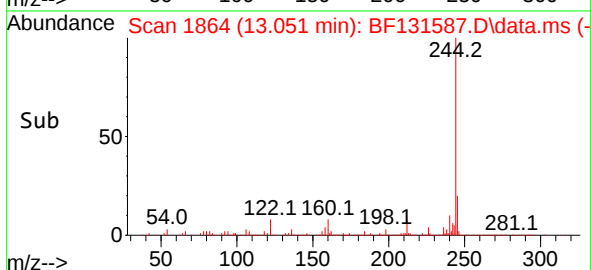
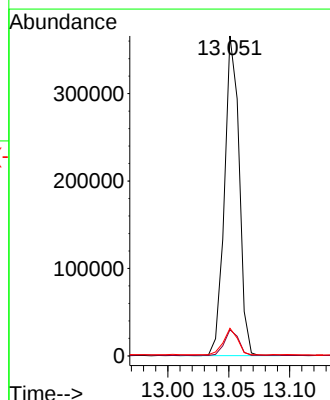
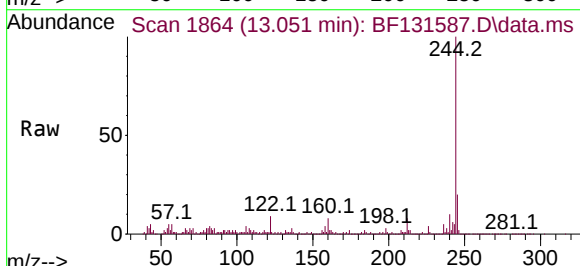
Tgt Ion:244 Resp: 306155

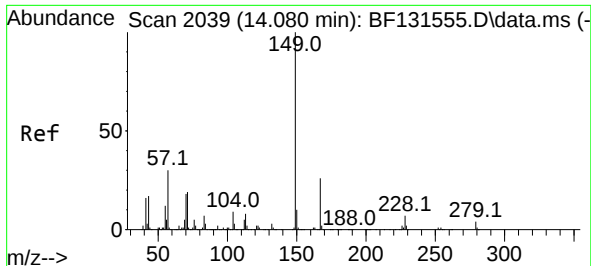
Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

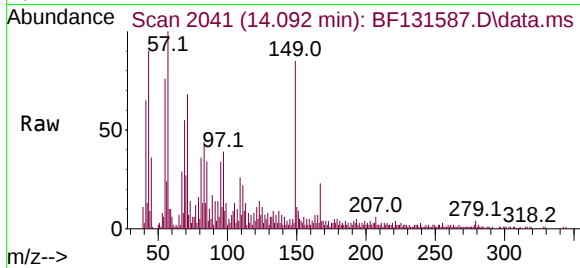
122 8.6 7.1 10.7





#84
Bis(2-ethylhexyl)phthalate
Concen: 7.545 ng
RT: 14.092 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

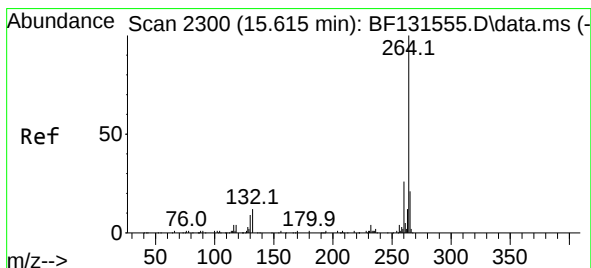
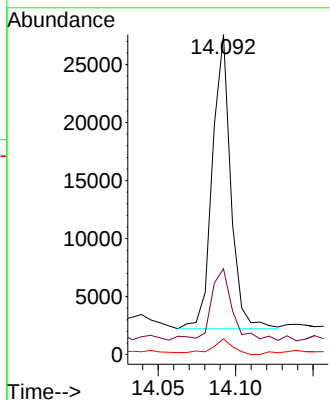
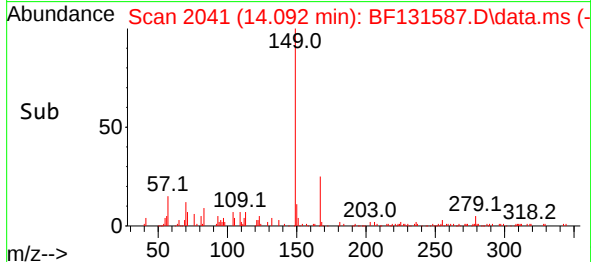
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE



Tgt Ion:149 Resp: 20947
Ion Ratio Lower Upper
149 100
167 26.8 20.8 31.2
279 4.9 3.3 4.9

Manual Integrations
APPROVED

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



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2304
Delta R.T. 0.024 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion:264 Resp: 124163
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 22.0 16.8 25.2

