

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141341.D
 Acq On : 31 Jan 2025 19:37
 Operator : RC/JU
 Sample : Q1219-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0015

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 23:28:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	140746	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	556241	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	247143	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	322626	20.000	ng	0.00
76) Chrysene-d12	13.968	240	245293	20.000	ng	0.00
86) Perylene-d12	15.439	264	245820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1136391	123.953	ng	0.02
7) Phenol-d6	6.434	99	1362909	116.860	ng	0.00
23) Nitrobenzene-d5	7.363	82	887849	84.144	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	265919	117.366	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1471142	91.622	ng	0.00
79) Terphenyl-d14	12.916	244	1151176	72.376	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	13767	2.038	ng	# 71
20) 3+4-Methylphenols	7.210	107	42704	4.355	ng	# 77
22) Acetophenone	7.204	105	30458	2.304	ng	# 94
27) 2,4-Dimethylphenol	7.745	122	23765m	3.621	ng	
32) Benzoic acid	7.904	122	171498	28.422	ng	97
84) Bis(2-ethylhexyl)phtha...	13.957	149	25857	2.478	ng	# 73

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

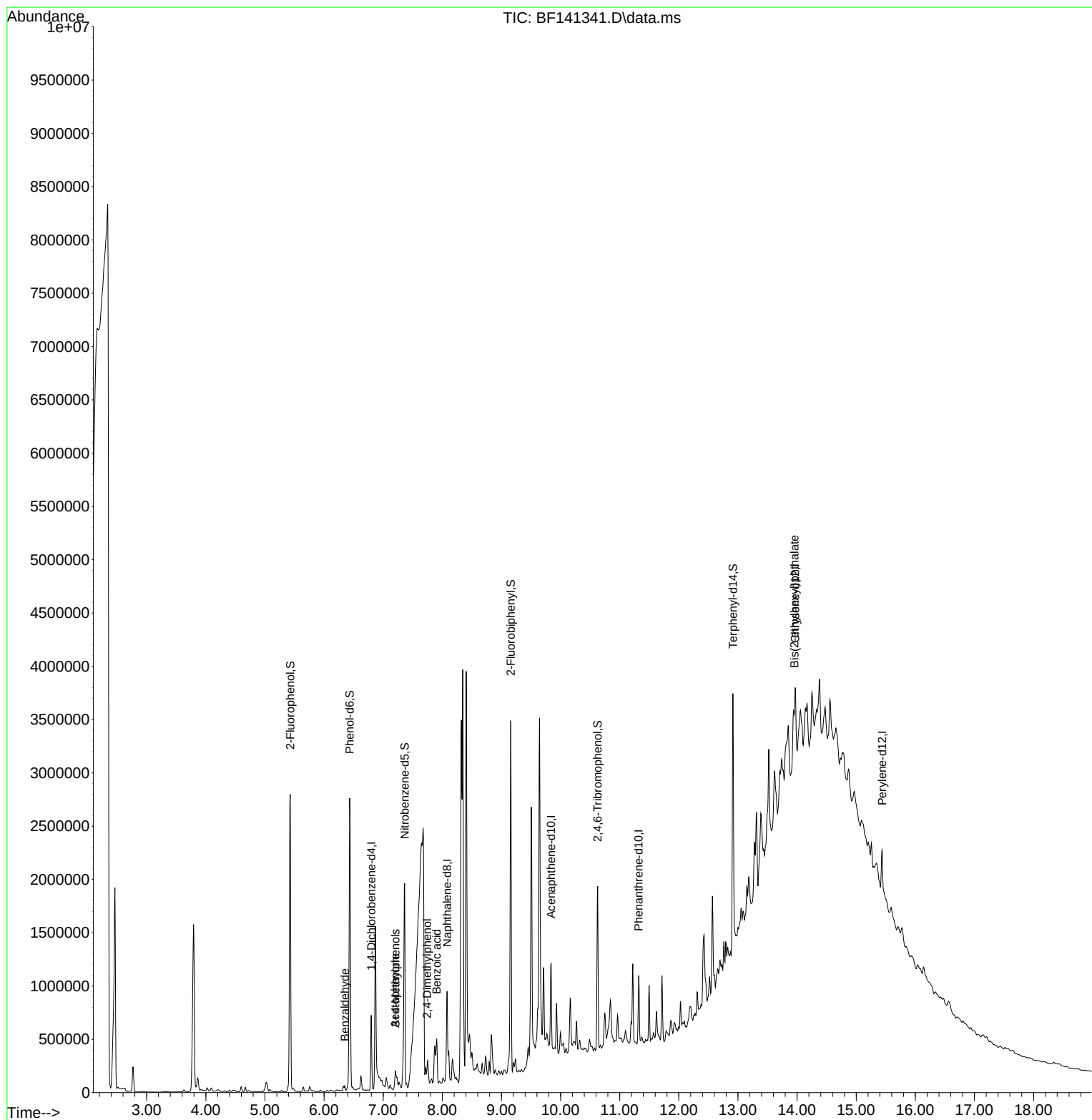
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141341.D
Acq On : 31 Jan 2025 19:37
Operator : RC/JU
Sample : Q1219-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

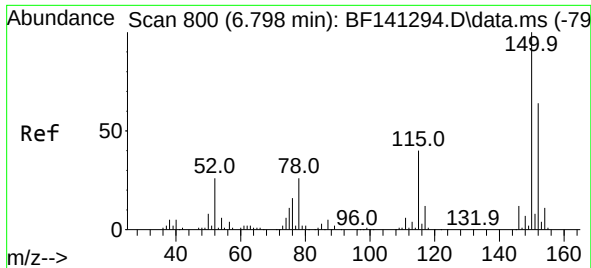
Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 23:28:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration





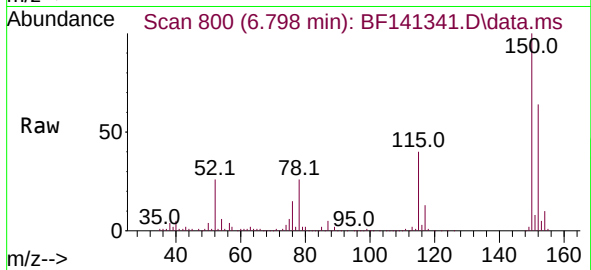
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

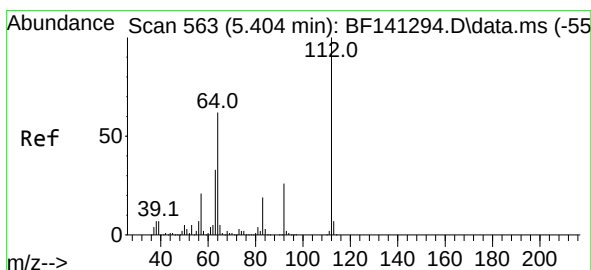
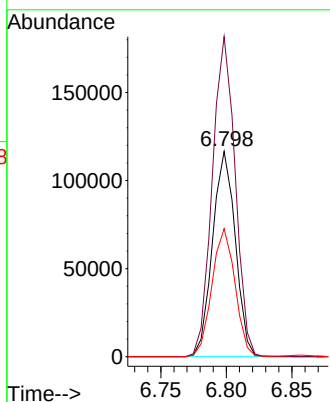
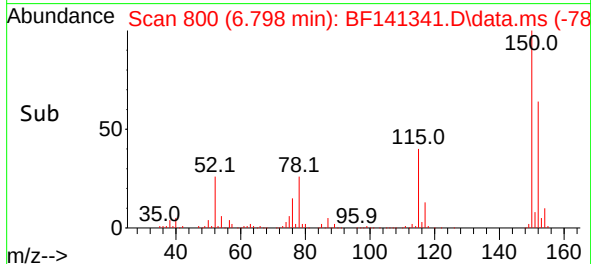


Tgt Ion:152 Resp: 140740
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 62.3 49.7 74.5

Manual Integrations

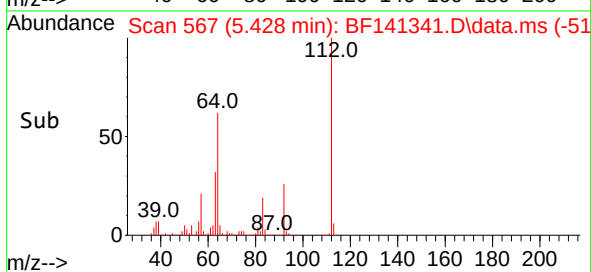
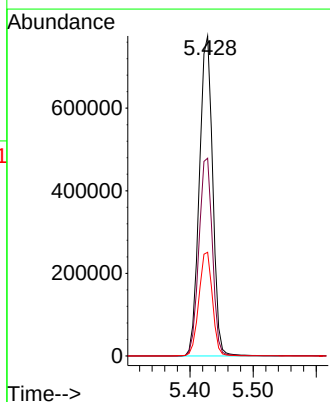
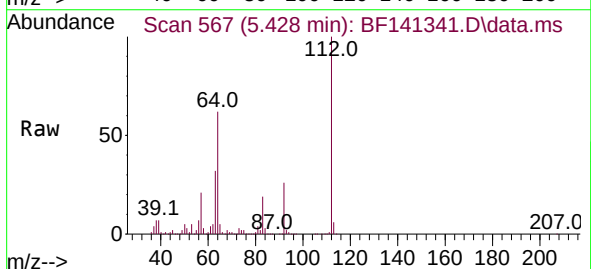
APPROVED

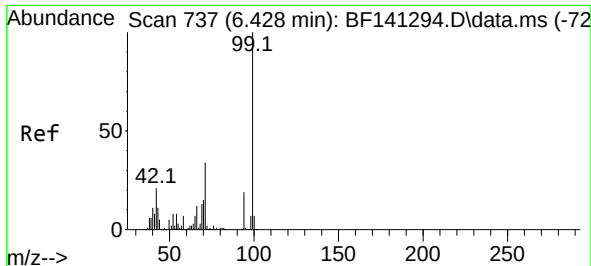
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#5
2-Fluorophenol
Concen: 123.953 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.017 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

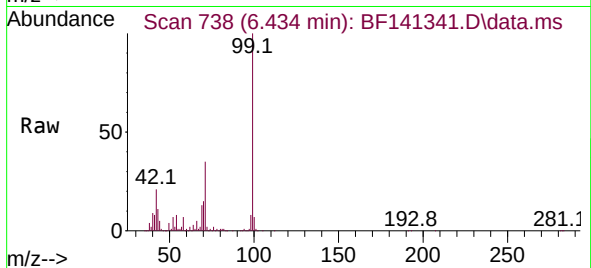
Tgt Ion:112 Resp: 1136391
Ion Ratio Lower Upper
112 100
64 61.8 49.8 74.8
63 32.4 26.1 39.1





#7
Phenol-d6
Concen: 116.860 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

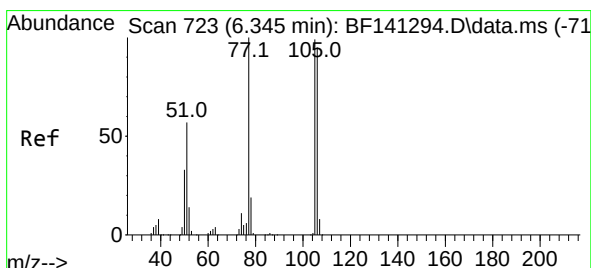
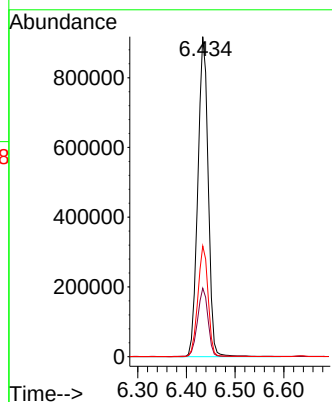
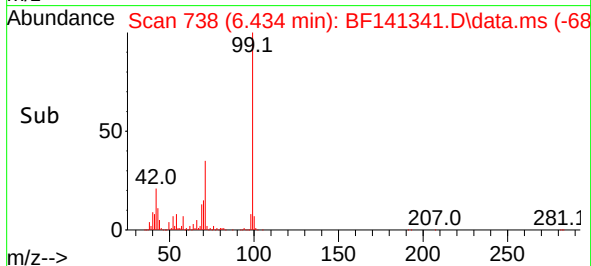
Instrument :
BNA_F
ClientSampleId :
LAW-25-0015



Tgt Ion: 99 Resp: 1362909
Ion Ratio Lower Upper
99 100
42 21.4 17.1 25.7
71 34.6 26.9 40.3

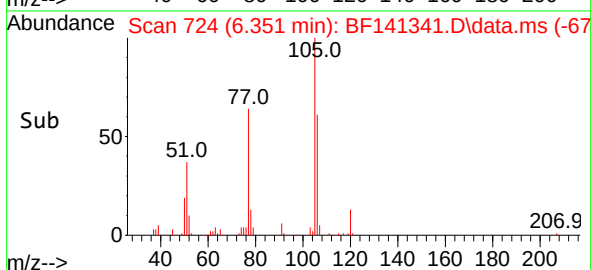
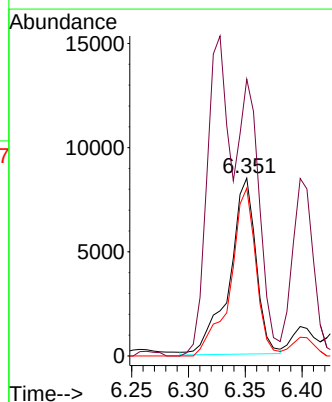
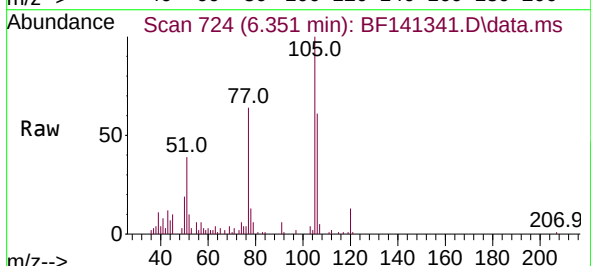
Manual Integrations
APPROVED

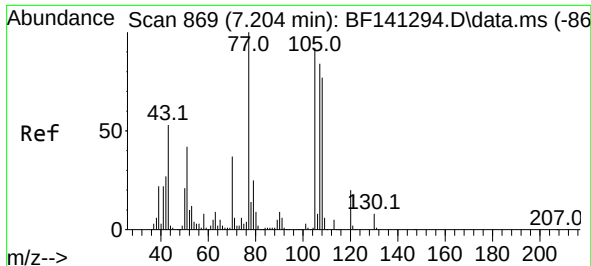
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#9
Benzaldehyde
Concen: 2.038 ng
RT: 6.351 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Tgt Ion: 77 Resp: 13767
Ion Ratio Lower Upper
77 100
105 155.7 79.4 119.4#
106 94.3 74.6 114.6





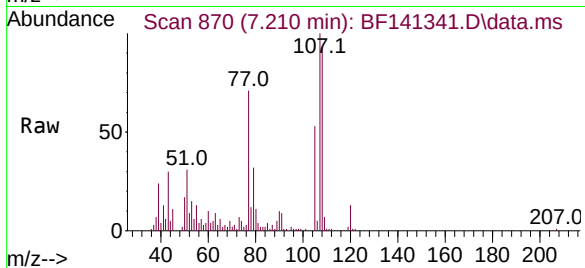
#20
3+4-Methylphenols
Concen: 4.355 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

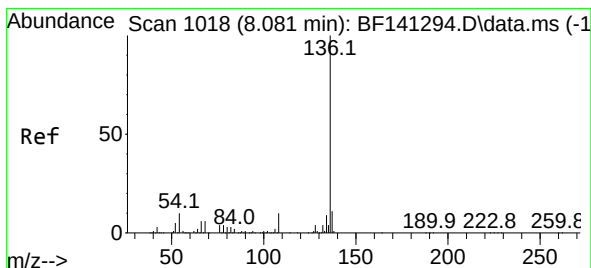
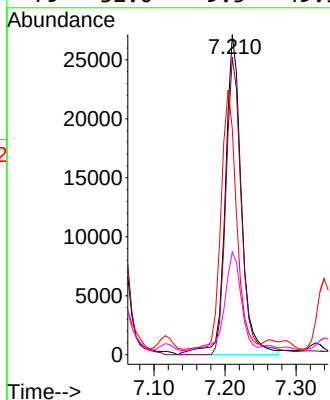
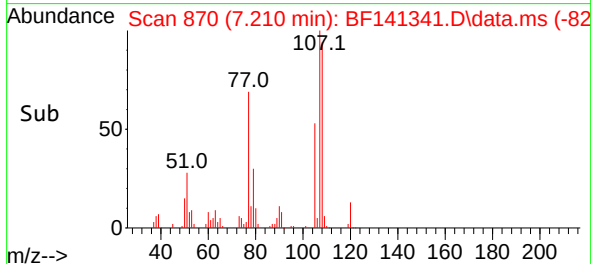


Tgt Ion:107 Resp: 42704
Ion Ratio Lower Upper
107 100
108 92.9 70.9 110.9
77 70.7 98.5 138.5
79 32.0 9.5 49.5

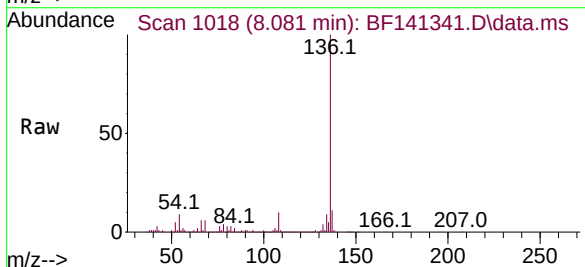
Manual Integrations

APPROVED

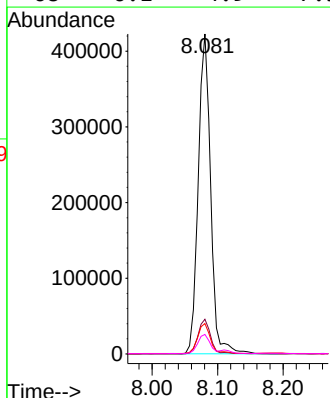
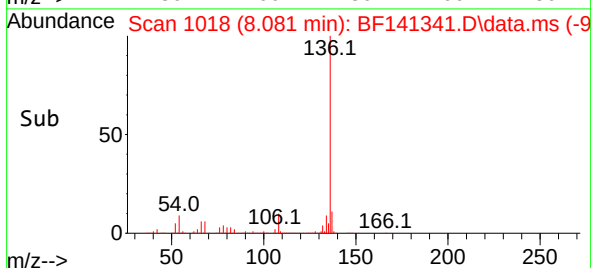
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

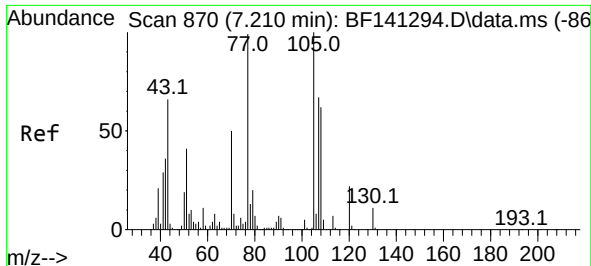


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37



Tgt Ion:136 Resp: 556241
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 7.8 11.8
68 6.1 4.9 7.3





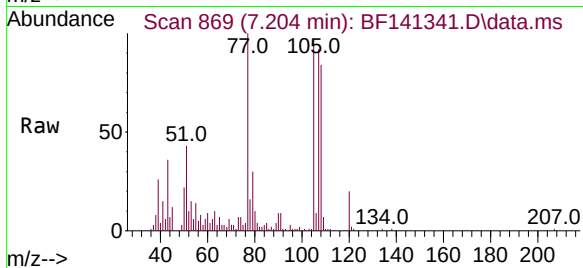
#22
Acetophenone
Concen: 2.304 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

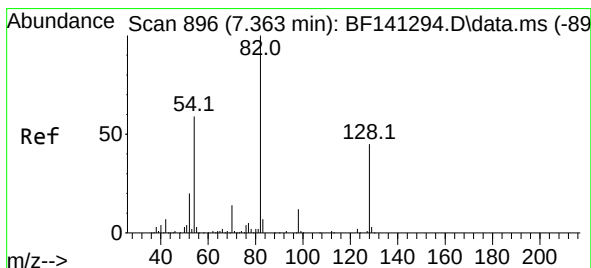
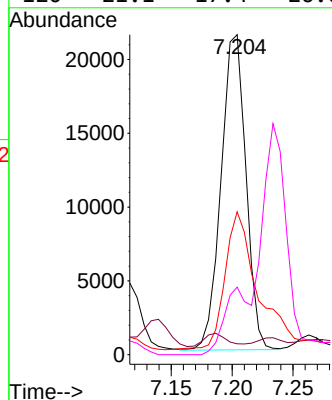
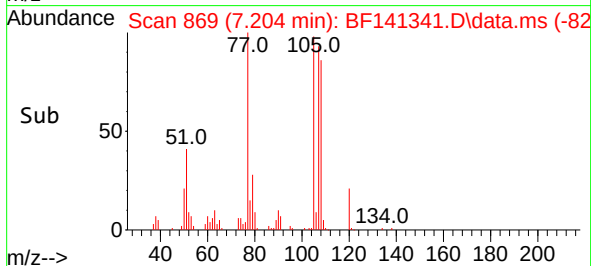


Tgt Ion: 105 Resp: 30458
Ion Ratio Lower Upper
105 100
71 3.4 6.8 10.2
51 44.6 32.6 49.0
120 21.1 17.4 26.0

Manual Integrations

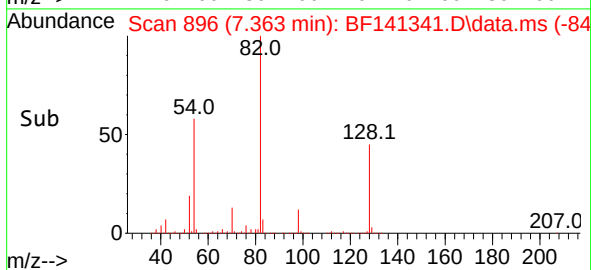
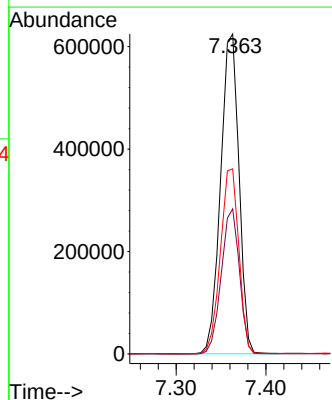
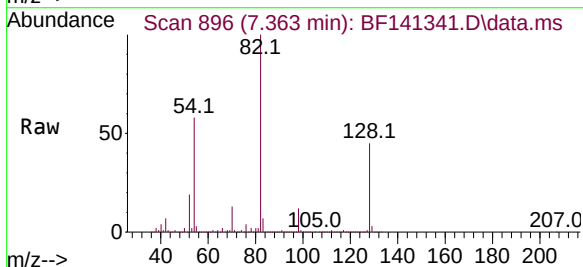
APPROVED

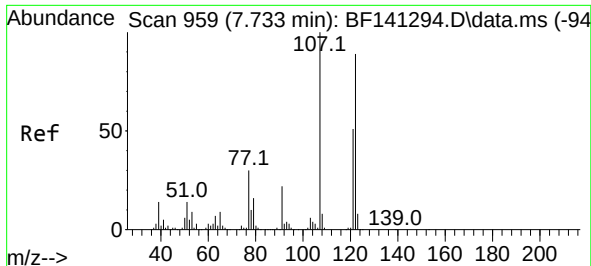
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#23
Nitrobenzene-d5
Concen: 84.144 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Tgt Ion: 82 Resp: 887849
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 57.9 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 3.621 ng m
RT: 7.745 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

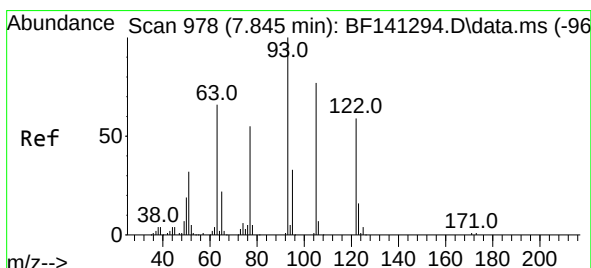
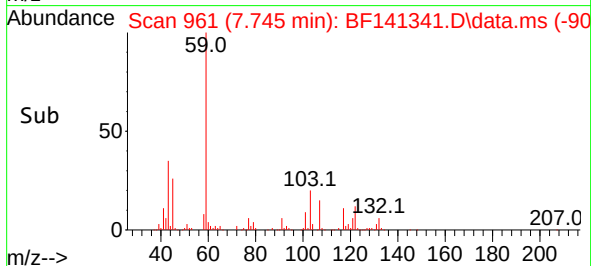
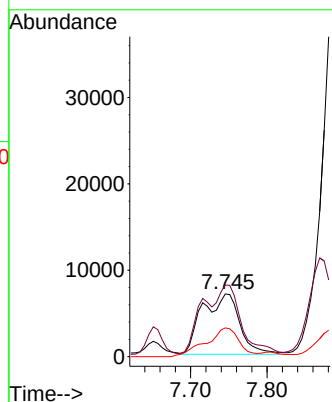
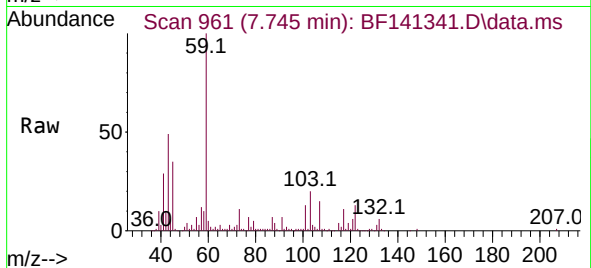
LAW-25-0015

Tgt Ion:122 Resp: 2376
Ion Ratio Lower Upper
122 100
107 114.3 89.9 134.9
121 46.1 46.1 69.1

Manual Integrations

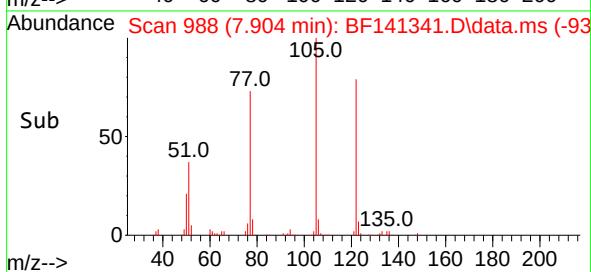
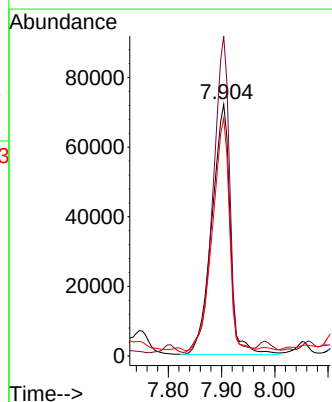
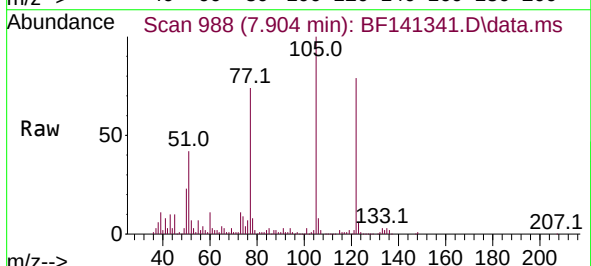
APPROVED

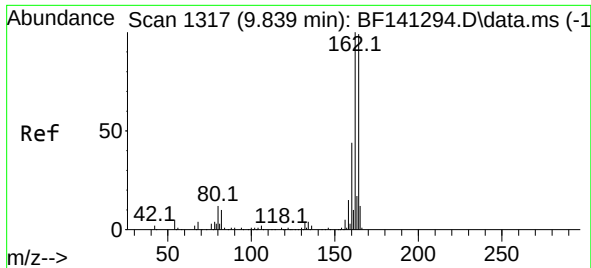
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 28.422 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.023 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Tgt Ion:122 Resp: 171498
Ion Ratio Lower Upper
122 100
105 127.2 103.4 143.4
77 94.4 70.9 110.9





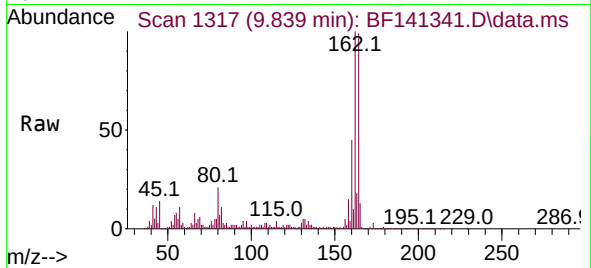
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

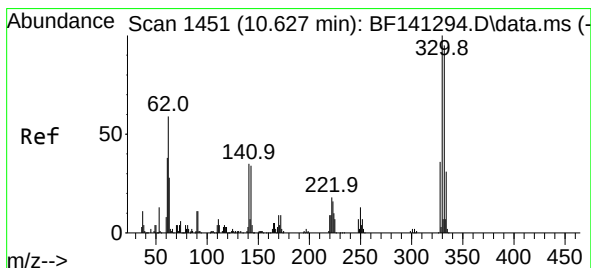
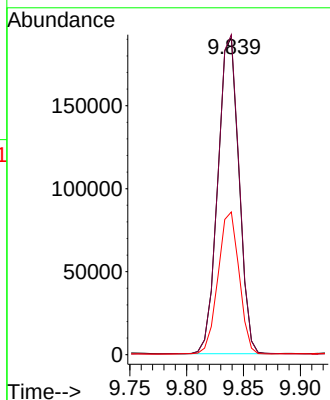
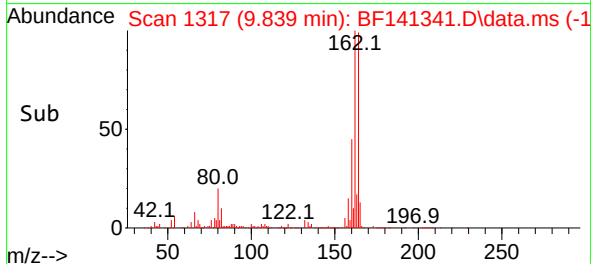


Tgt Ion:164 Resp: 24714
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.0 35.8 53.6

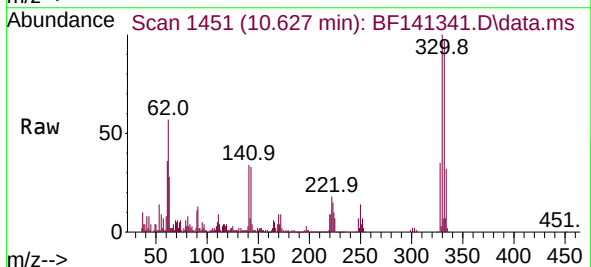
Manual Integrations

APPROVED

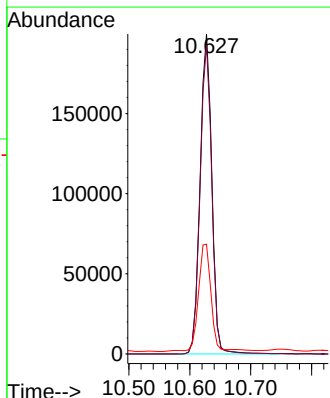
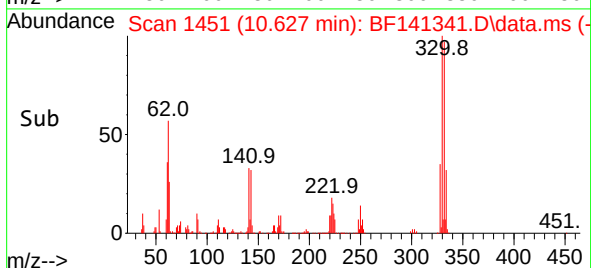
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

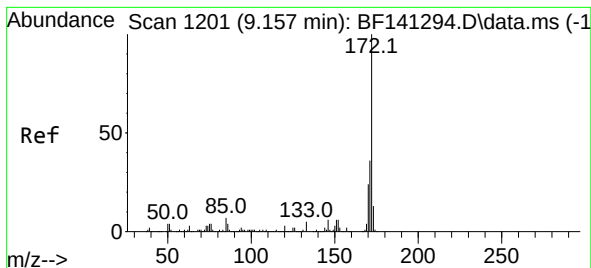


#42
2,4,6-Tribromophenol
Concen: 117.366 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37



Tgt Ion:330 Resp: 265919
Ion Ratio Lower Upper
330 100
332 96.6 76.1 114.1
141 34.5 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 91.622 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141341.D

Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

Tgt Ion:172 Resp: 147114

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

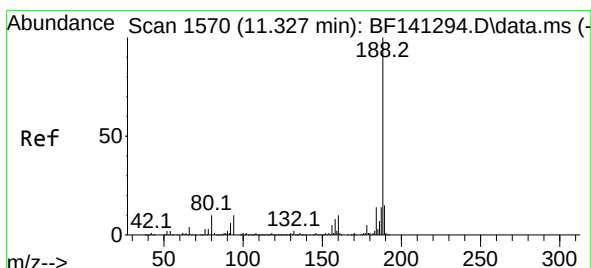
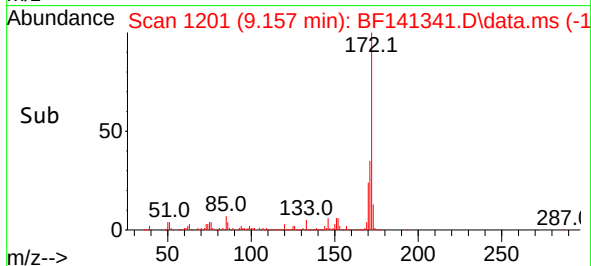
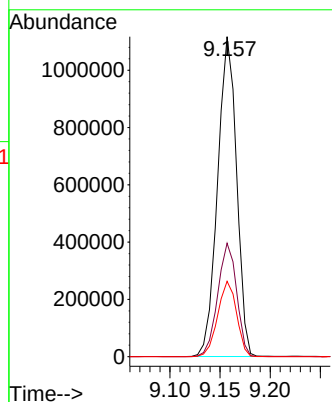
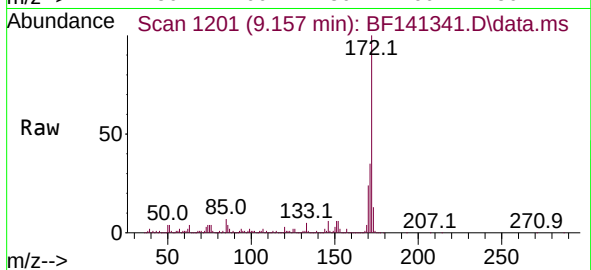
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141341.D

Acq: 31 Jan 2025 19:37

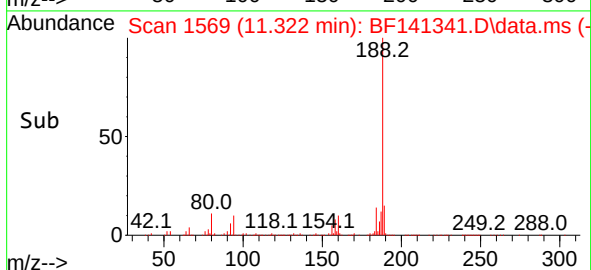
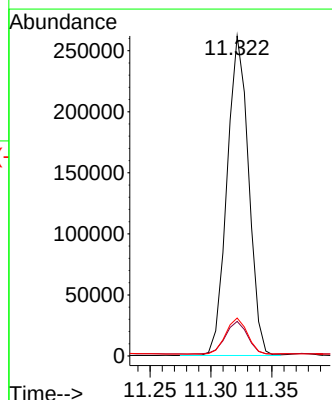
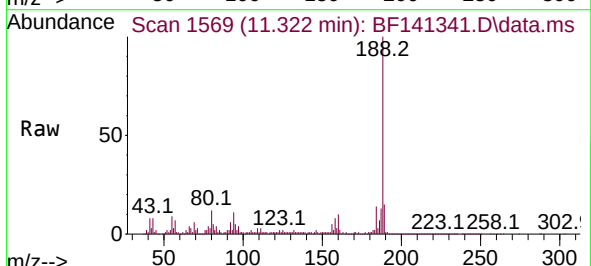
Tgt Ion:188 Resp: 322626

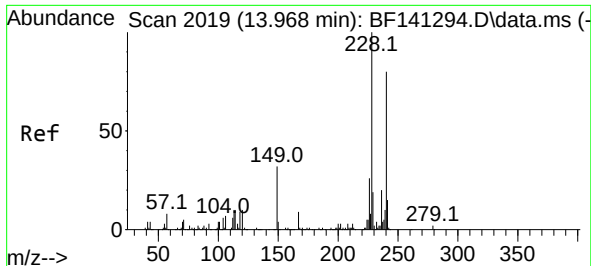
Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

80 11.9 8.2 12.4





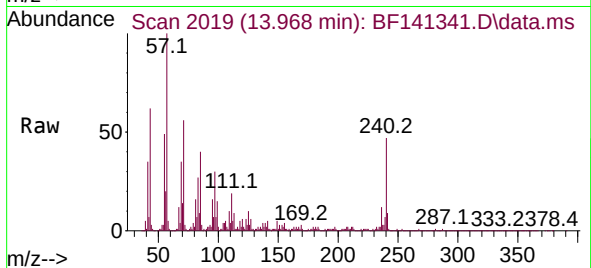
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

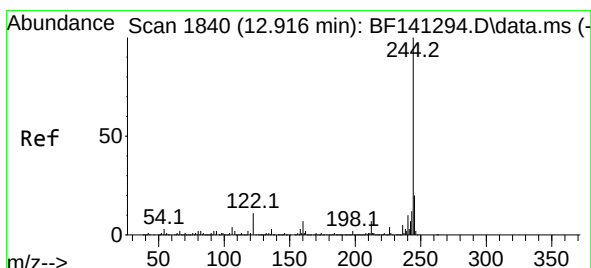
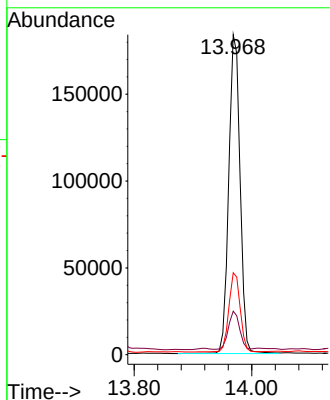
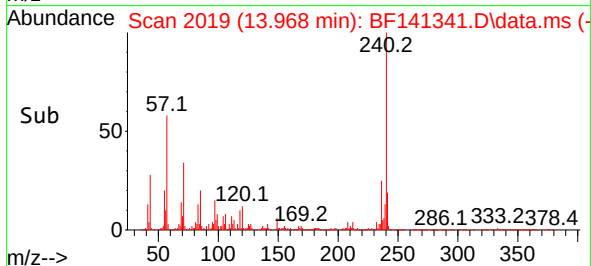


Tgt Ion:240 Resp: 245293
Ion Ratio Lower Upper
240 100
120 13.6 10.0 15.0
236 25.6 19.7 29.5

Manual Integrations

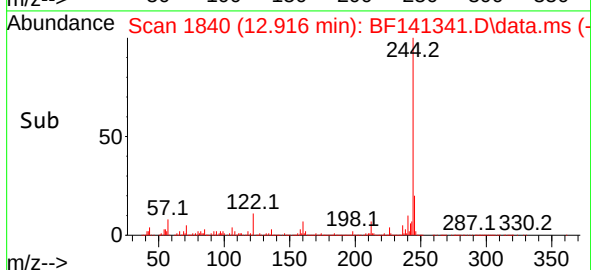
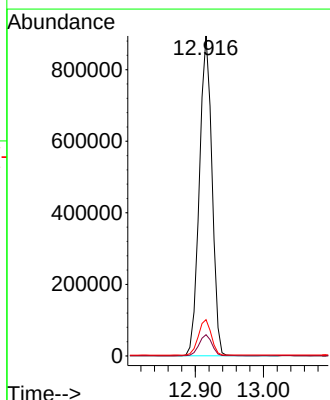
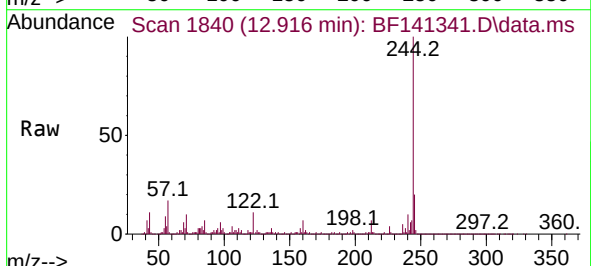
APPROVED

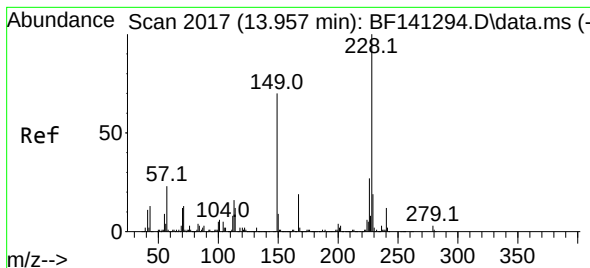
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#79
Terphenyl-d14
Concen: 72.376 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF141341.D
Acq: 31 Jan 2025 19:37

Tgt Ion:244 Resp: 1151176
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.4 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.478 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141341.D

Acq: 31 Jan 2025 19:37

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

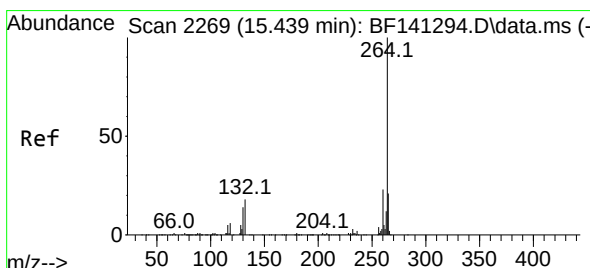
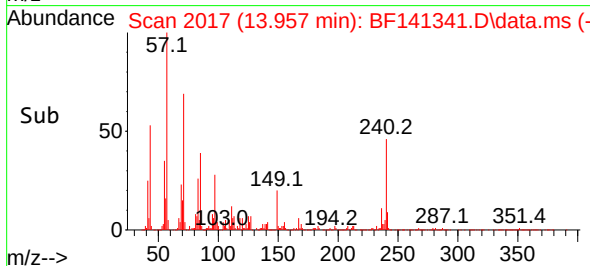
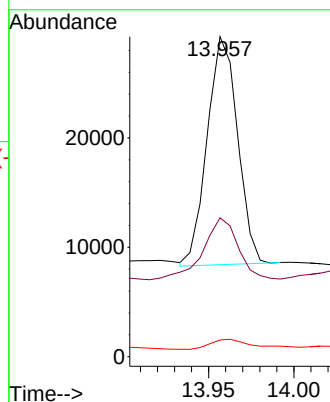
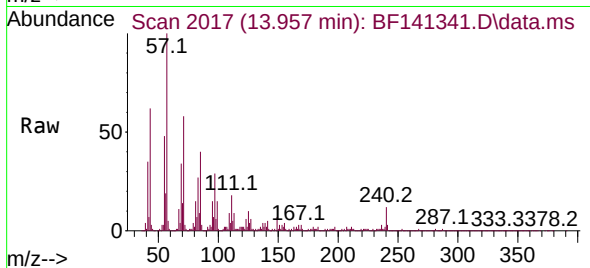
Tgt Ion:149 Resp: 2585

Ion	Ratio	Lower	Upper
149	100		
167	43.4	21.8	32.8
279	5.2	3.3	4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF141341.D

Acq: 31 Jan 2025 19:37

Tgt Ion:264 Resp: 245820

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.3	16.7	25.1

