

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142055.D
 Acq On : 24 Mar 2025 15:25
 Operator : RC/JU
 Sample : Q1606-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48965

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/25/2025
 Supervised By :Jagrut Upadhyay 03/25/2025

Quant Time: Mar 24 16:41:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	123444	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	423198	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	83166m	20.000	ng	0.05
64) Phenanthrene-d10	11.522	188	148065m	20.000	ng	0.12
76) Chrysene-d12	14.092	240	162941	20.000	ng	# 0.05
86) Perylene-d12	15.527	264	135098	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	487646	65.930	ng	0.01
7) Phenol-d6	6.498	99	372876	39.595	ng	0.00
23) Nitrobenzene-d5	7.440	82	763718	101.558	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	232290	220.165	ng	0.11
45) 2-Fluorobiphenyl	9.239	172	1350880	247.028	ng	0.00
79) Terphenyl-d14	13.086	244	840958	76.305	ng	0.10
Target Compounds						
30) 1,2,4-Trichlorobenzene	8.098	180	41060	5.941	ng	Qvalue 98

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

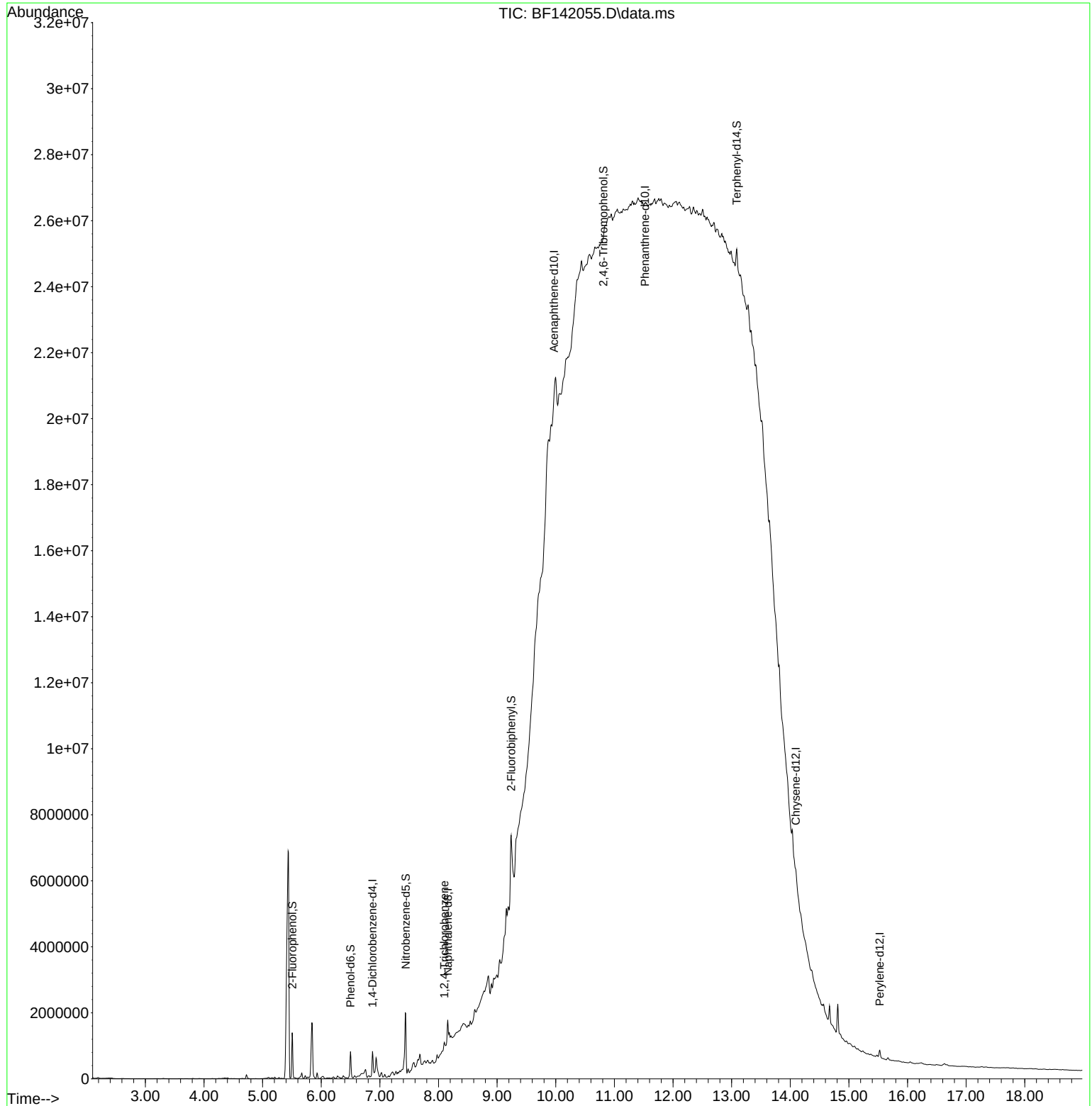
Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142055.D
Acq On : 24 Mar 2025 15:25
Operator : RC/JU
Sample : Q1606-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

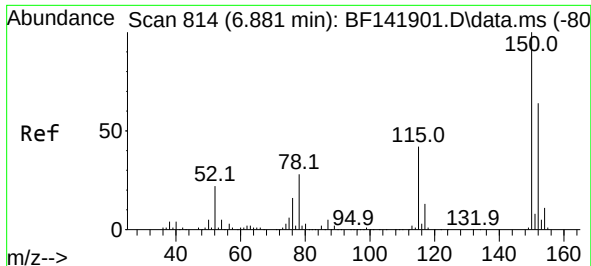
Instrument :
BNA_F
ClientSampleId :
N48965

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

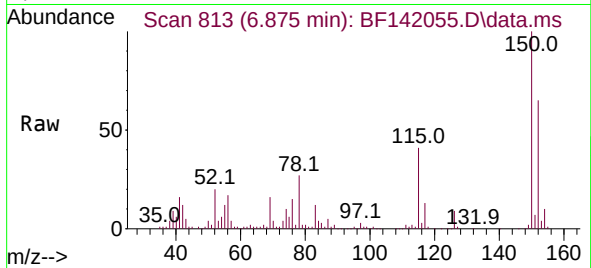
Quant Time: Mar 24 16:41:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

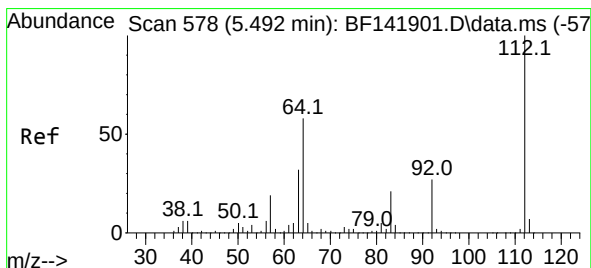
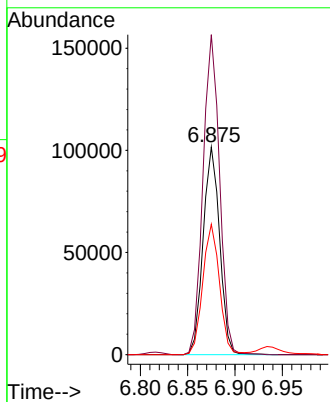
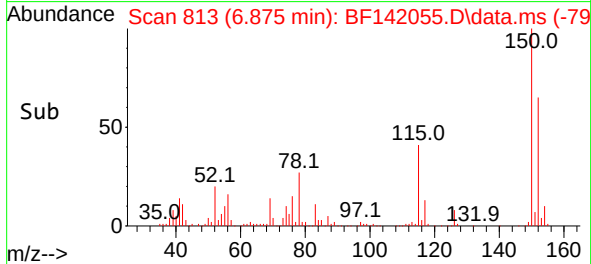
Instrument :
BNA_F
ClientSampleId :
N48965



Tgt Ion:152 Resp: 12344
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.2
115 62.8 51.9 77.9

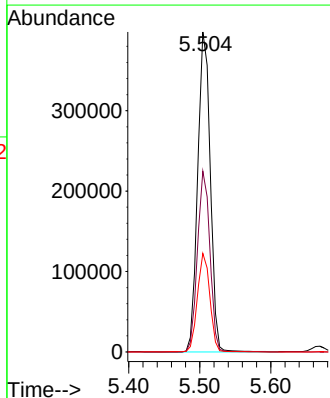
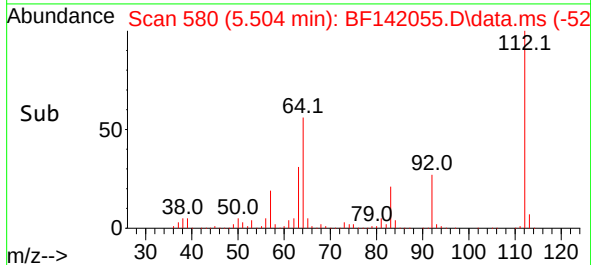
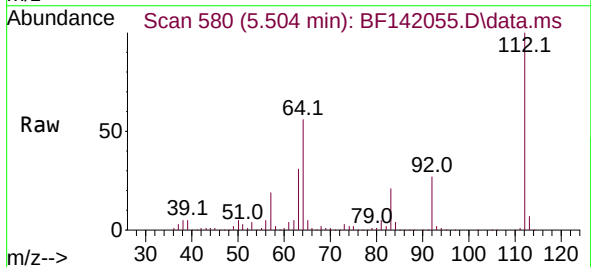
Manual Integrations
APPROVED

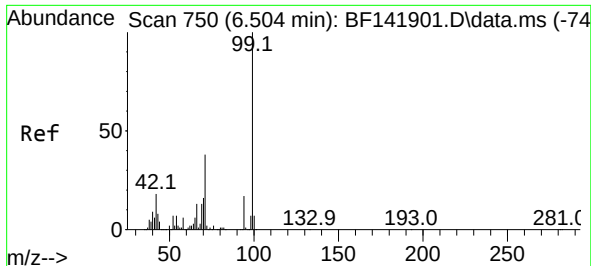
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#5
2-Fluorophenol
Concen: 65.930 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

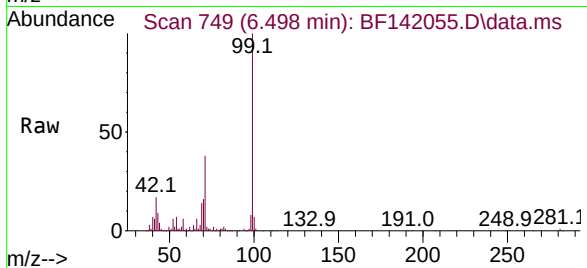
Tgt Ion:112 Resp: 487646
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 30.8 25.4 38.2





#7
Phenol-d6
Concen: 39.595 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

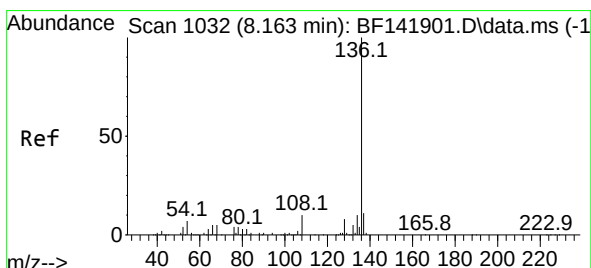
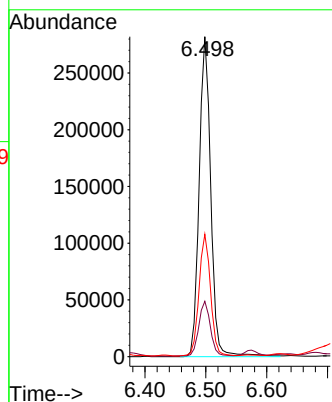
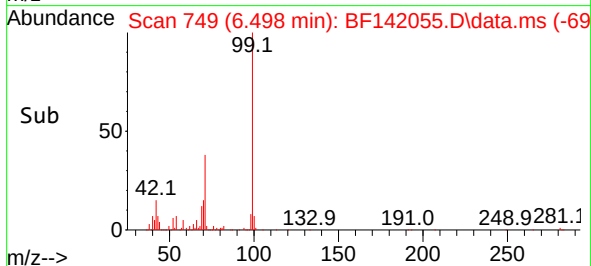
Instrument :
BNA_F
ClientSampleId :
N48965



Tgt Ion: 99 Resp: 372876
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.2 30.8 46.2

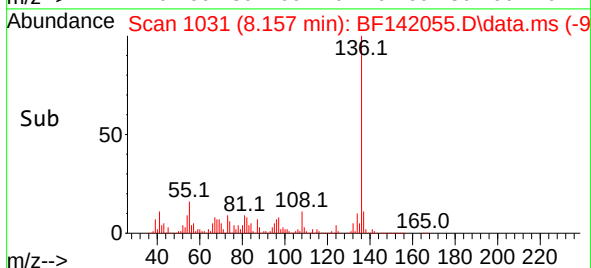
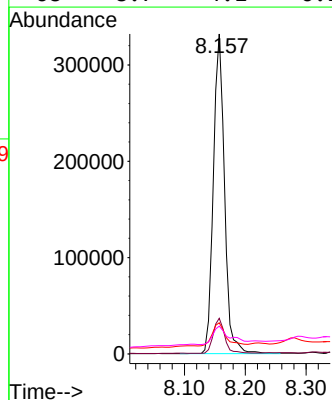
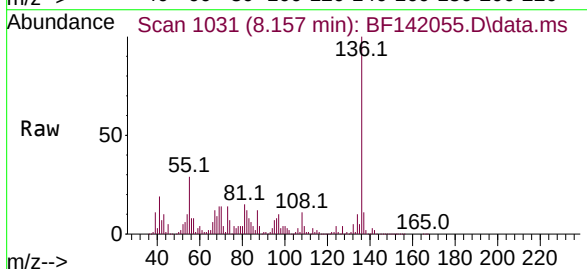
Manual Integrations
APPROVED

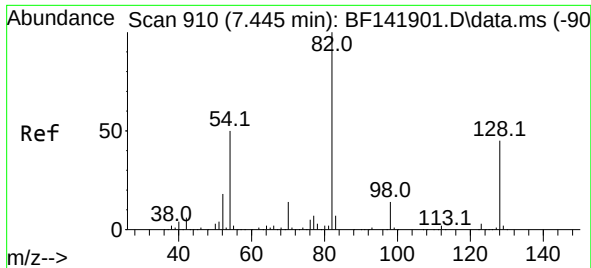
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:136 Resp: 423198
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.8 5.8 8.8#
68 8.7 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 101.558 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

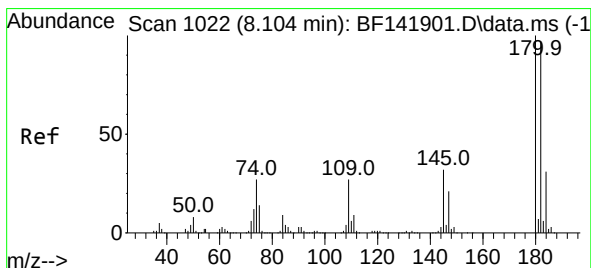
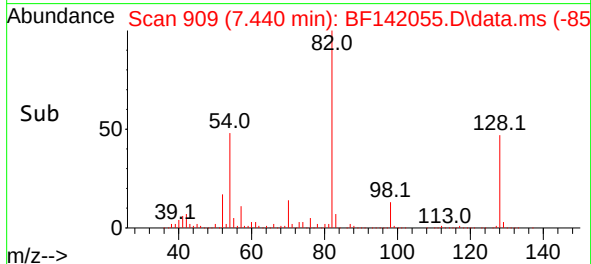
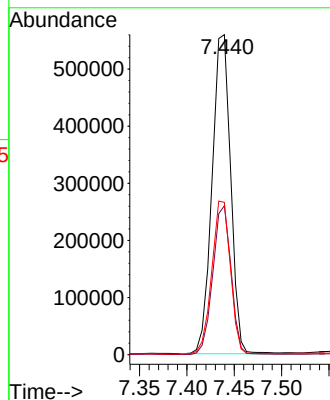
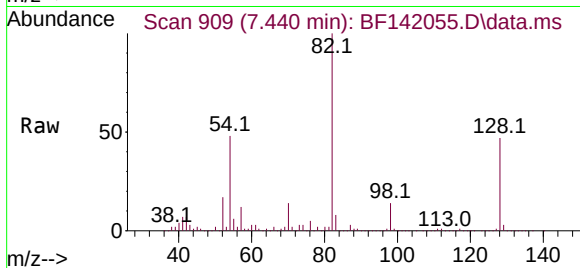
N48965

Tgt Ion: 82 Resp: 763718
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.0 54.0
 54 47.6 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/25/2025
 Supervised By :Jagrut Upadhyay 03/25/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.941 ng

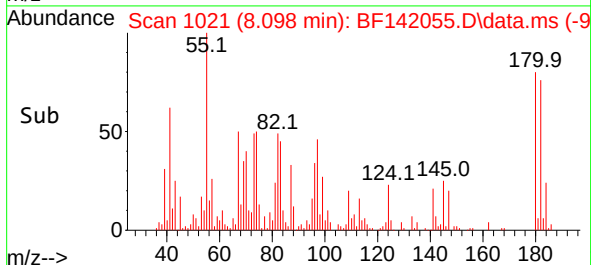
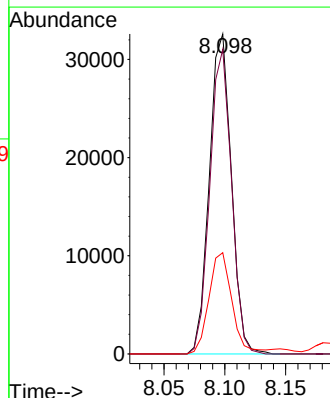
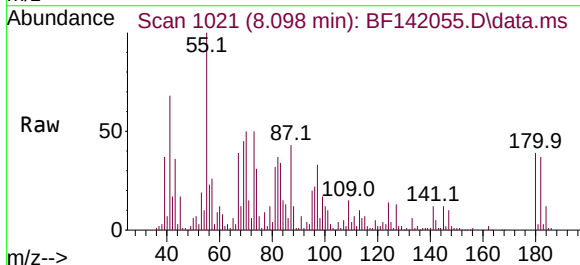
RT: 8.098 min Scan# 1021

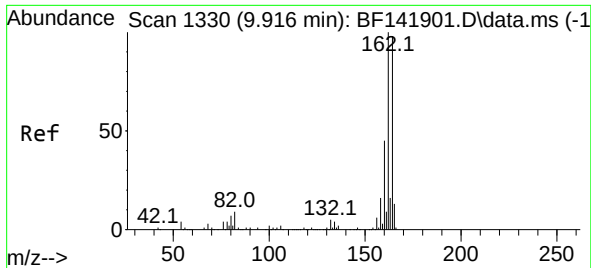
Delta R.T. -0.006 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

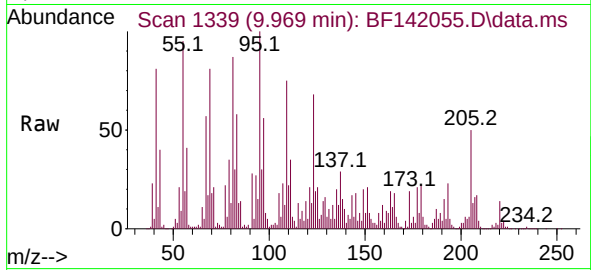
Tgt Ion:180 Resp: 41060
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.5 116.3
 145 31.6 25.8 38.6





#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.969 min Scan# 1339
Delta R.T. 0.053 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

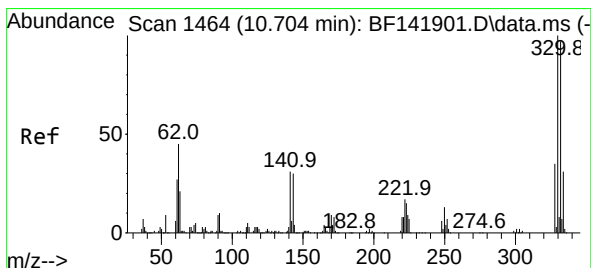
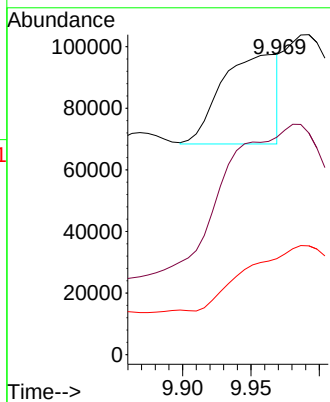
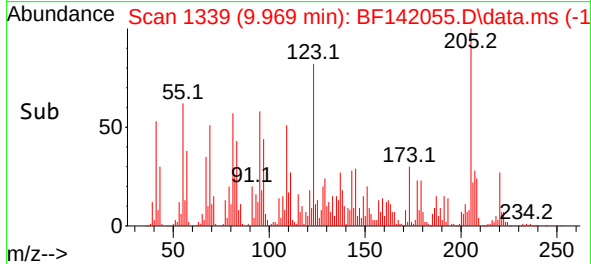
Instrument :
BNA_F
ClientSampleId :
N48965



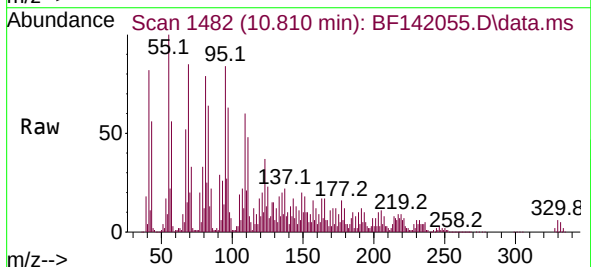
Tgt Ion:164 Resp: 83166
Ion Ratio Lower Upper
164 100
162 72.4 81.8 122.6
160 31.9 36.7 55.1

Manual Integrations
APPROVED

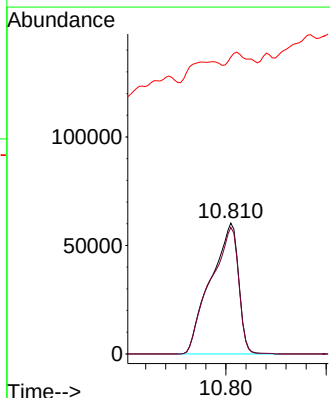
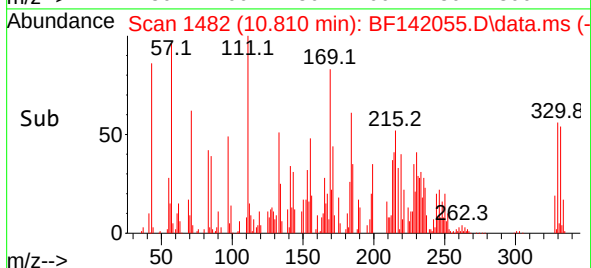
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

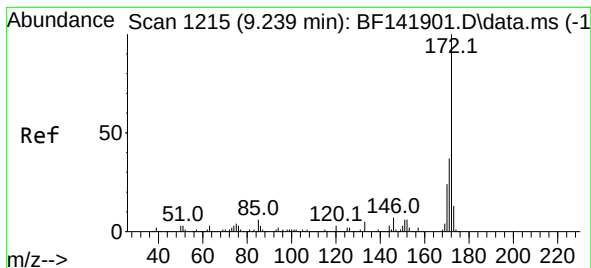


#42
2,4,6-Tribromophenol
Concen: 220.165 ng
RT: 10.810 min Scan# 1482
Delta R.T. 0.106 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25



Tgt Ion:330 Resp: 232290
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 0.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 247.028 ng

RT: 9.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

N48965

Tgt Ion:172 Resp: 1350880

Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

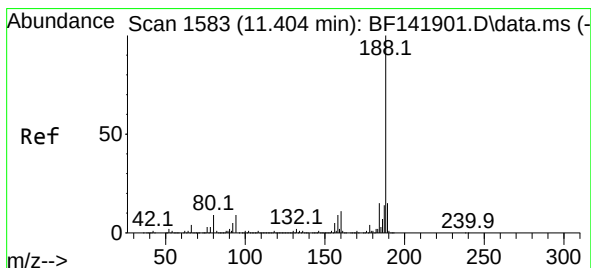
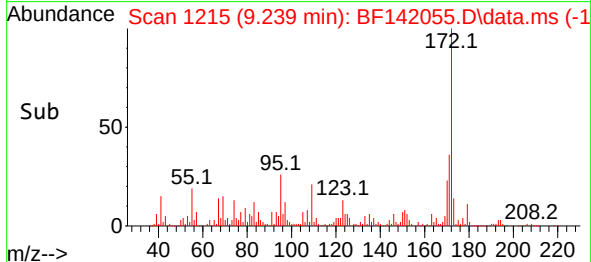
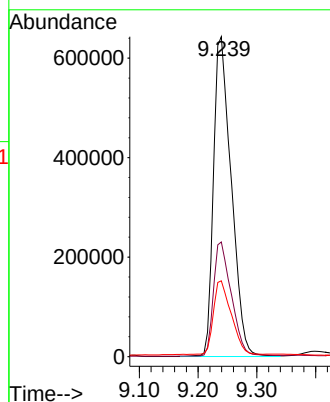
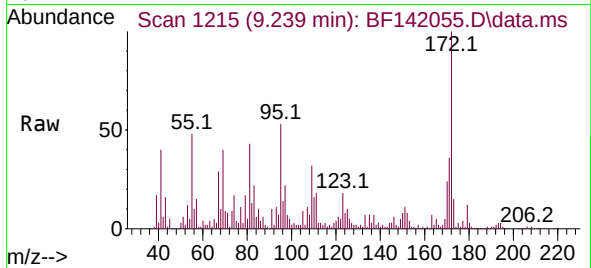
170 23.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/25/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#64

Phenanthrene-d10

Concen: 20.000 ng m

RT: 11.522 min Scan# 1603

Delta R.T. 0.118 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

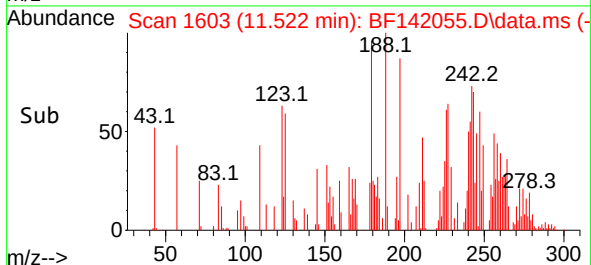
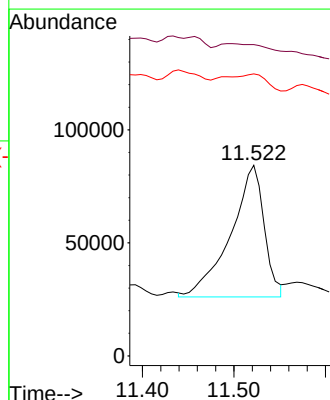
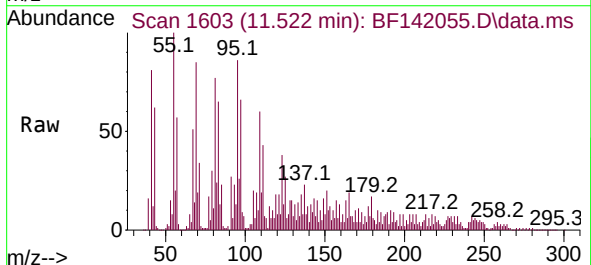
Tgt Ion:188 Resp: 148065

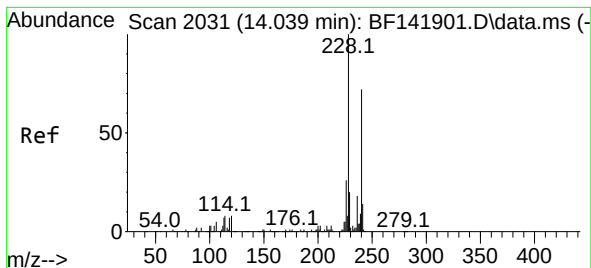
Ion Ratio Lower Upper

188 100

94 163.3 6.8 10.2#

80 147.9 7.6 11.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2031

Delta R.T. 0.053 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

N48965

Tgt Ion:240 Resp: 162941

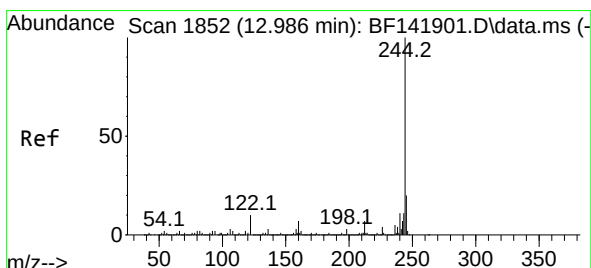
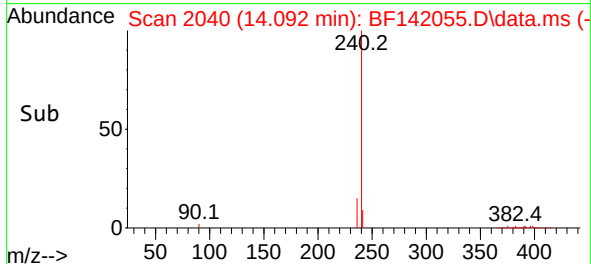
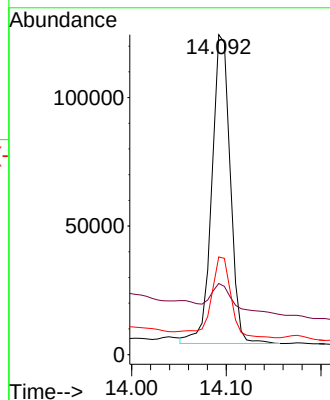
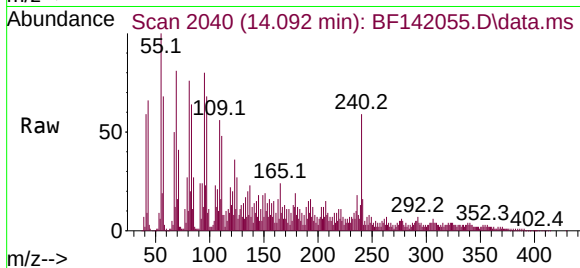
Ion	Ratio	Lower	Upper
240	100		
120	22.2	8.4	12.6
236	30.5	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/25/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#79

Terphenyl-d14

Concen: 76.305 ng

RT: 13.086 min Scan# 1869

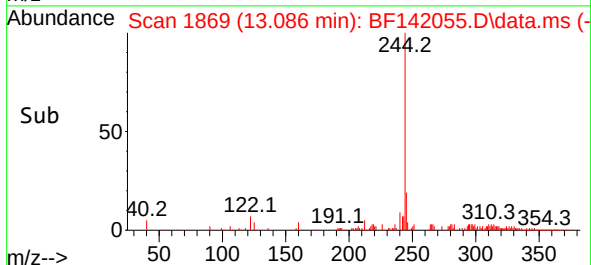
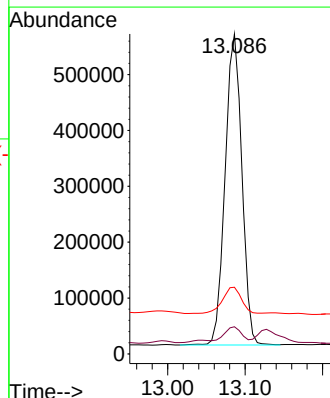
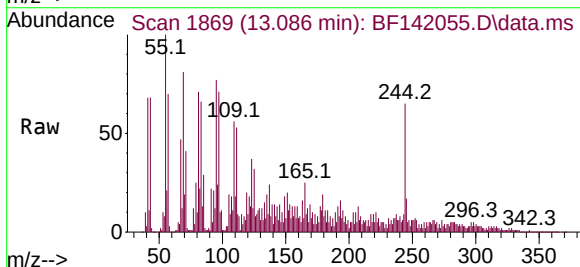
Delta R.T. 0.100 min

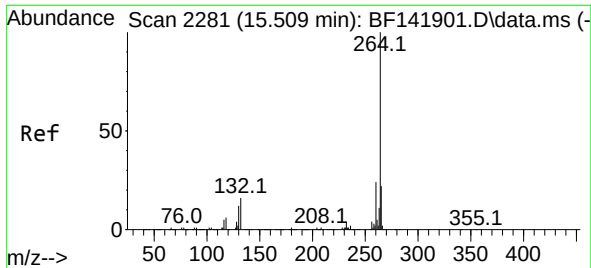
Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Tgt Ion:244 Resp: 840958

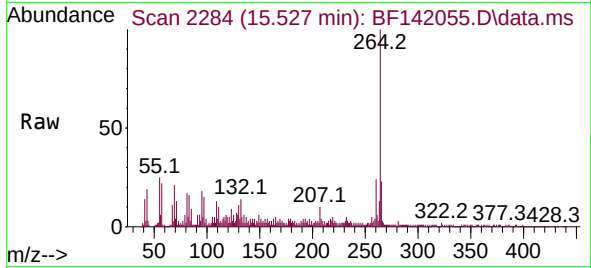
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.0	9.0
122	20.9	7.7	11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF142055.D
 Acq: 24 Mar 2025 15:25

Instrument :
 BNA_F
 ClientSampleId :
 N48965



Tgt Ion:264 Resp: 135098
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 22.5 17.5 26.3

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/25/2025
 Supervised By :Jagrut Upadhyay 03/25/2025

