

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140071.D
 Acq On : 26 Oct 2024 20:33
 Operator : RC/JU
 Sample : P4545-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:10:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	156039	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	577867	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	266450	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	350786	20.000	ng	0.00
76) Chrysene-d12	14.051	240	266263	20.000	ng	0.00
86) Perylene-d12	15.527	264	210921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	295864	29.683	ng	0.00
7) Phenol-d6	6.498	99	366336	28.377	ng	-0.01
23) Nitrobenzene-d5	7.445	82	233521	22.397	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	62883	25.231	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	411930	25.551	ng	-0.01
79) Terphenyl-d14	12.998	244	303213	18.556	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.627	202	87309	5.212	ng	94
78) Pyrene	12.857	202	81824	3.511	ng	97
81) Benzo(a)anthracene	14.039	228	47710	2.753	ng	93
83) Chrysene	14.074	228	47670	3.000	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	107964	13.772	ng	99
88) Benzo(b)fluoranthene	15.092	252	60012m	4.671	ng	
90) Benzo(a)pyrene	15.462	252	37004	3.500	ng	# 93
92) Benzo(g,h,i)perylene	17.468	276	28239	2.498	ng	97

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

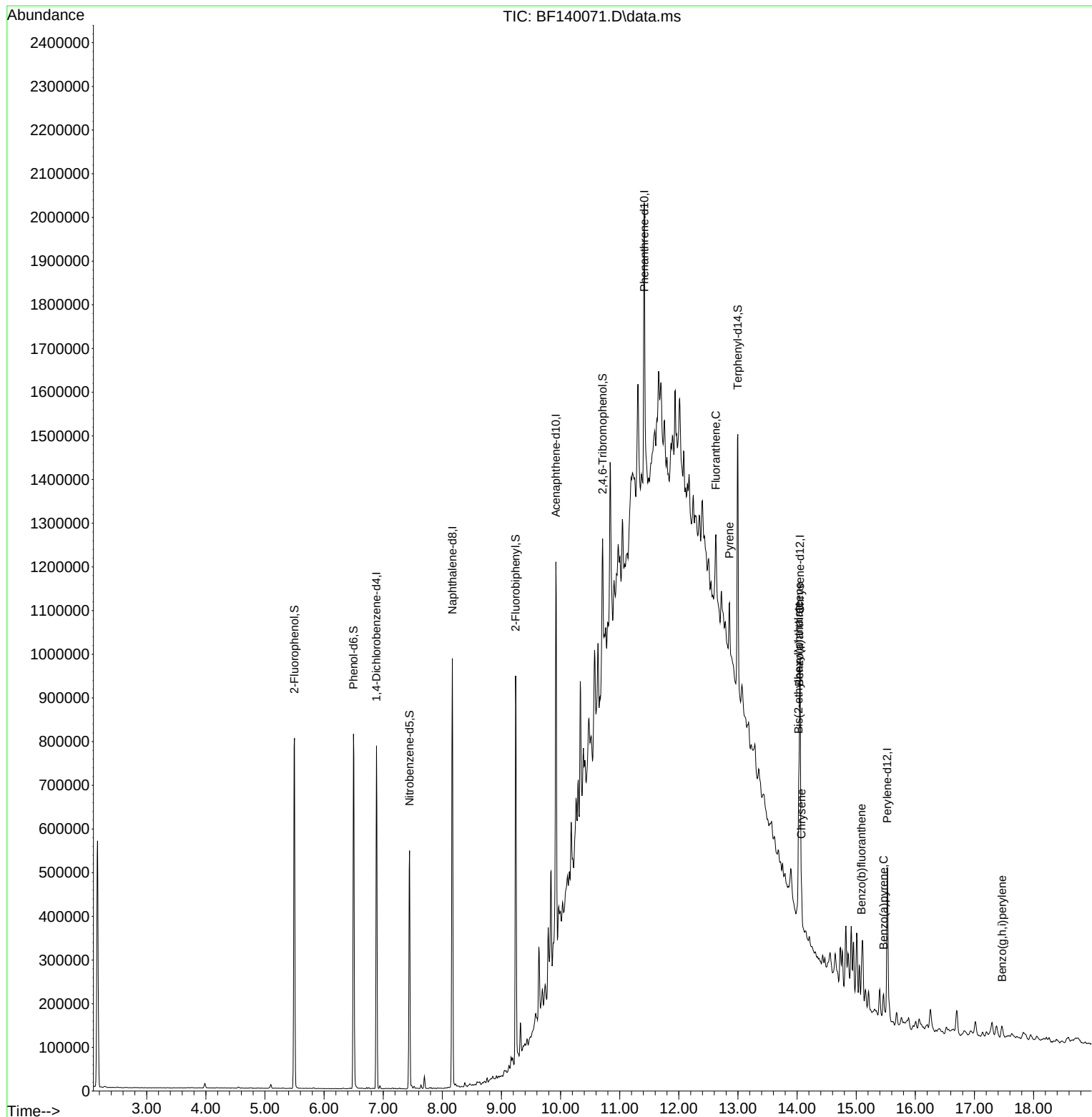
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140071.D
Acq On : 26 Oct 2024 20:33
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Sample : P4545-01 2X
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ALS Vial : 23 Sample Multiplier: 1

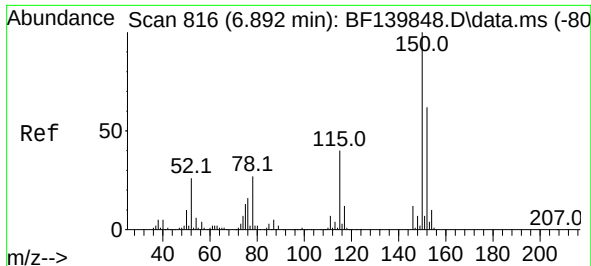
Instrument :
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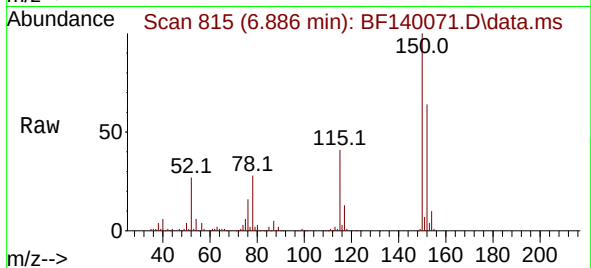
Quant Time: Oct 28 01:10:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

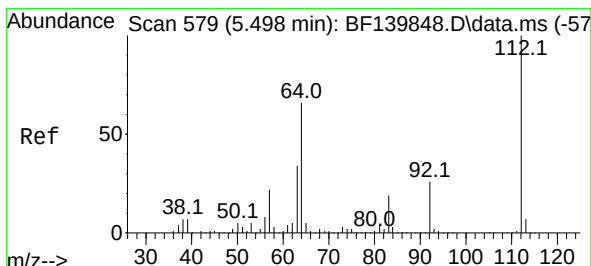
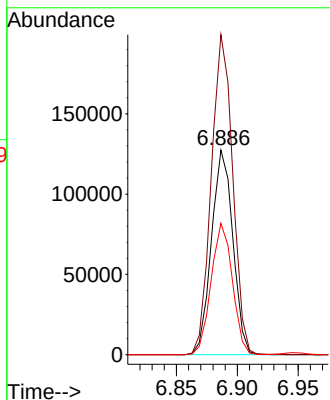
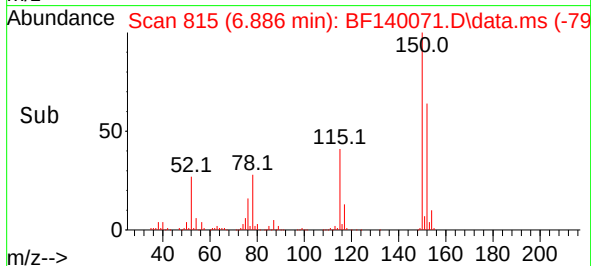
Instrument :
BNA_F
ClientSampleId :
VNJ-215



Tgt Ion:152 Resp: 156039
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 64.2 51.4 77.2

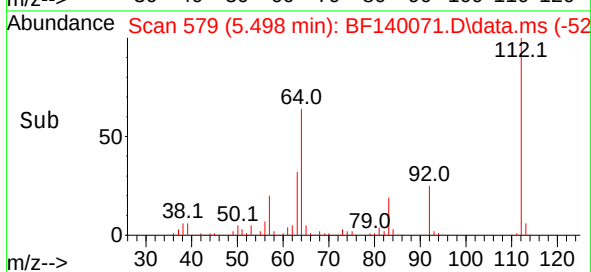
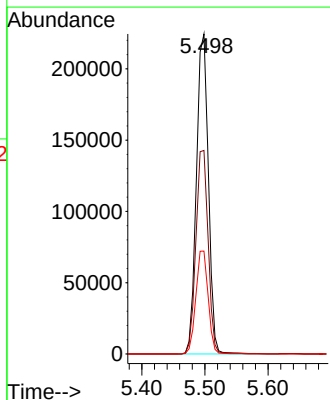
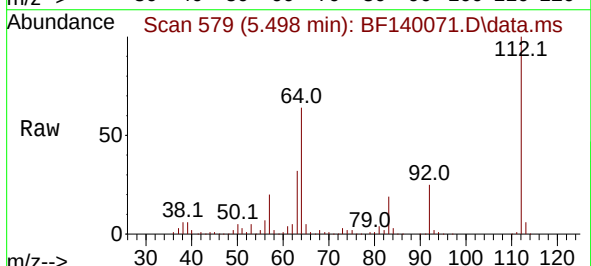
Manual Integrations
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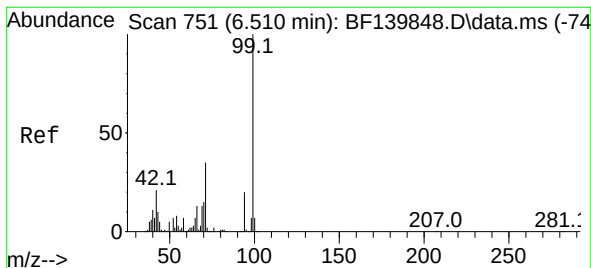
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#5
2-Fluorophenol
Concen: 29.683 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Tgt Ion:112 Resp: 295864
Ion Ratio Lower Upper
112 100
64 63.6 53.0 79.6
63 32.1 27.0 40.4





#7

Phenol-d6

Concen: 28.377 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF140071.D

Acq: 26 Oct 2024 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-215

Tgt Ion: 99 Resp: 366330

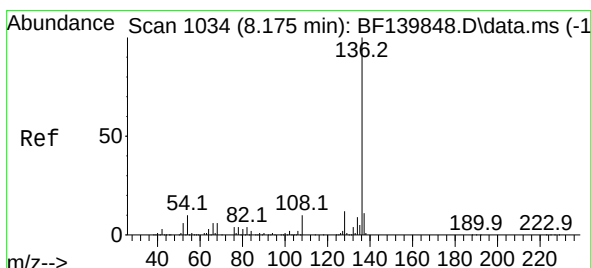
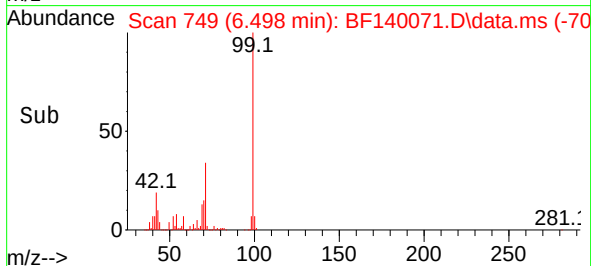
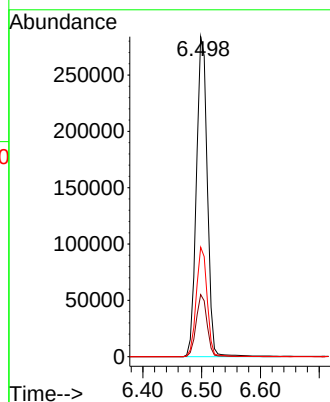
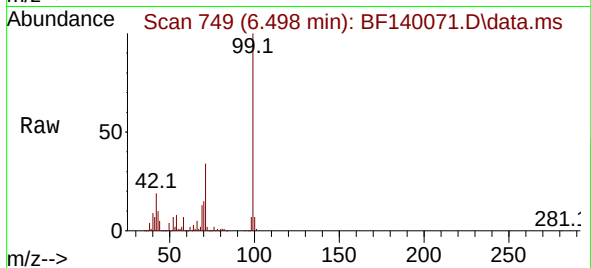
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.7	25.1
71	34.2	27.7	41.5

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Supervised By :mohammad ahmed 10/29/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

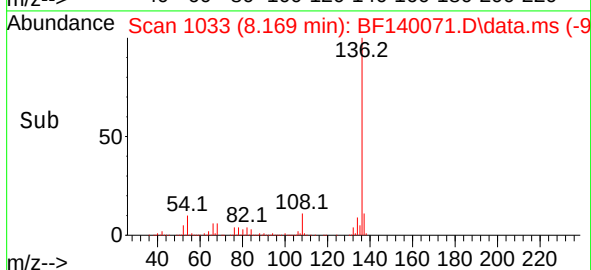
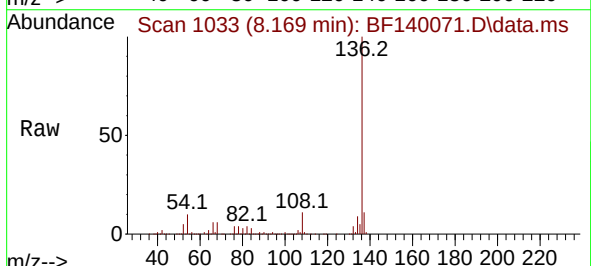
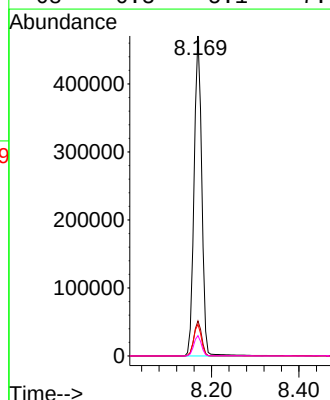
Delta R.T. -0.006 min

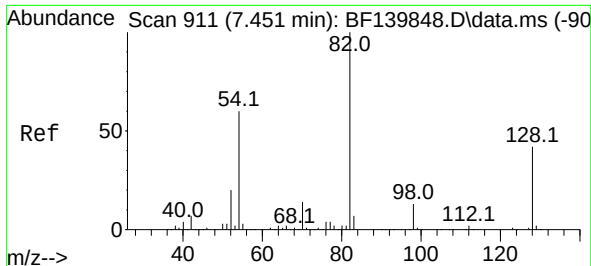
Lab File: BF140071.D

Acq: 26 Oct 2024 20:33

Tgt Ion:136 Resp: 577867

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.8	8.4	12.6
68	6.3	5.1	7.7





#23
Nitrobenzene-d5
Concen: 22.397 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Instrument :

BNA_F

ClientSampleId :

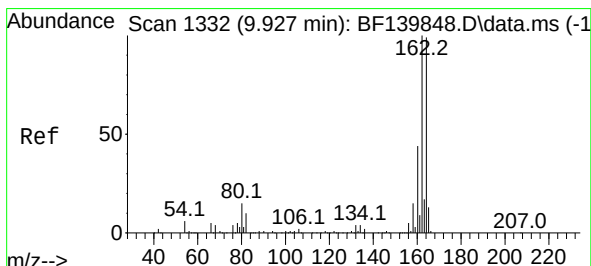
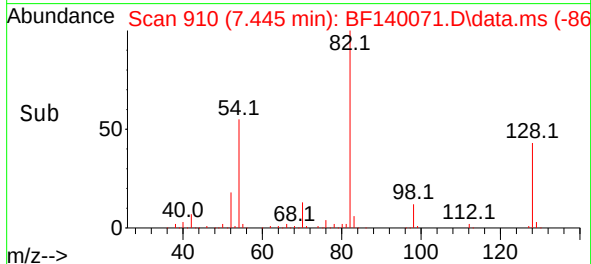
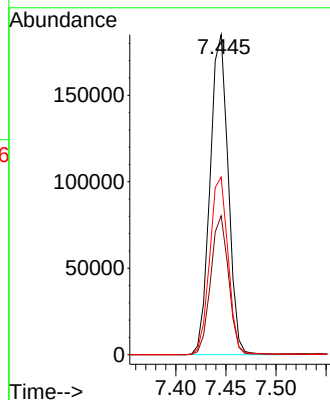
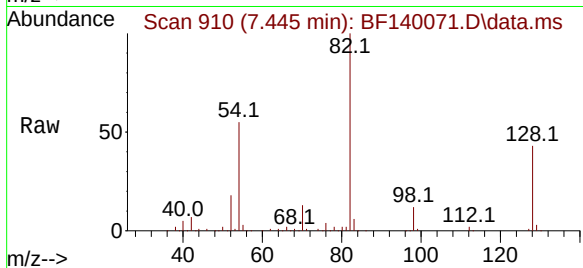
VNJ-215

Tgt Ion: 82 Resp: 23352
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.0
54 55.5 47.8 71.8

Manual Integrations

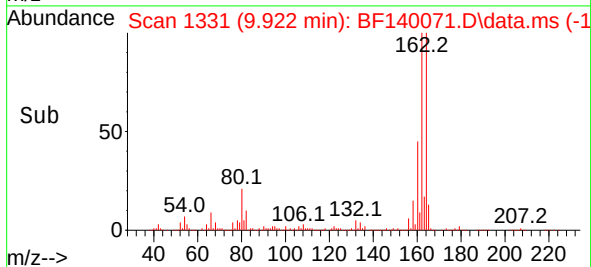
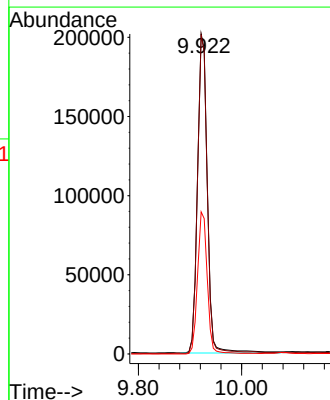
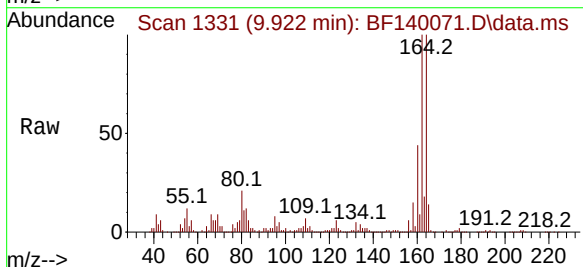
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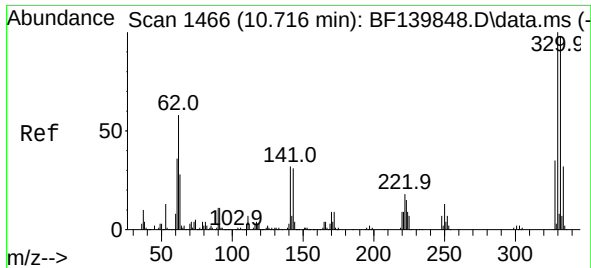
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Tgt Ion:164 Resp: 266450
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 44.4 35.4 53.0





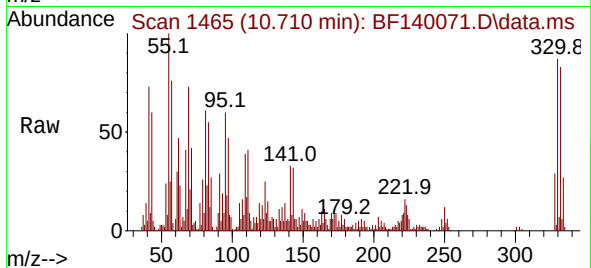
#42
2,4,6-Tribromophenol
Concen: 25.231 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-215



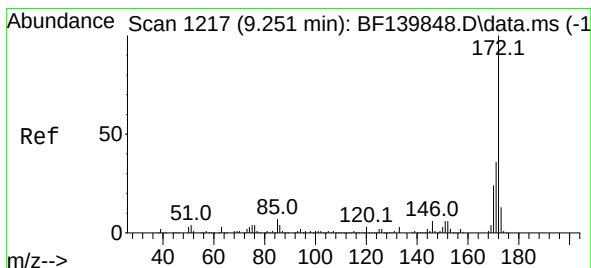
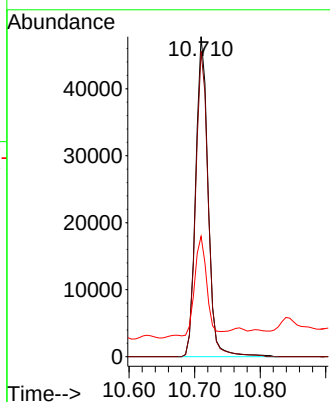
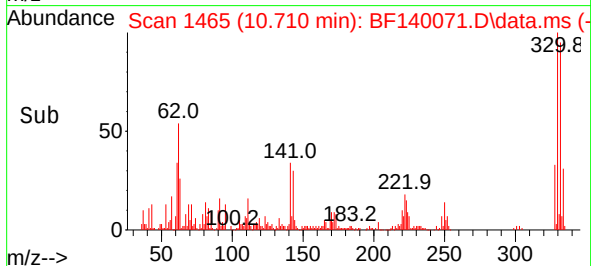
Tgt Ion:330 Resp: 6288
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 32.5 26.6 39.8

Manual Integrations

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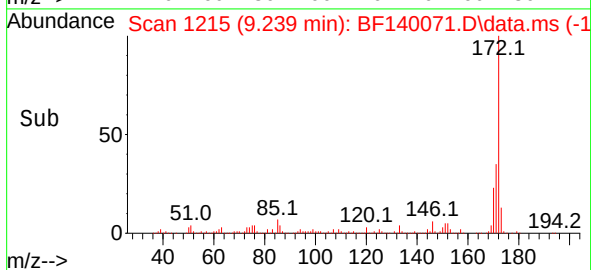
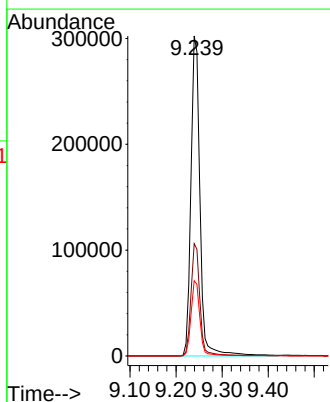
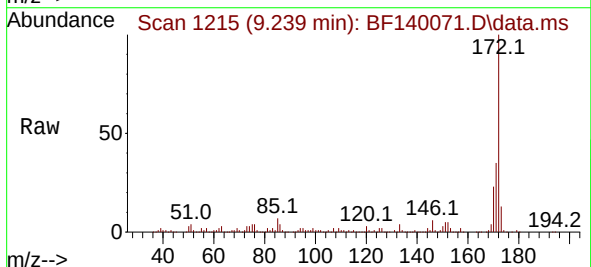
Reviewed By :Yogesh Patel 10/29/2024

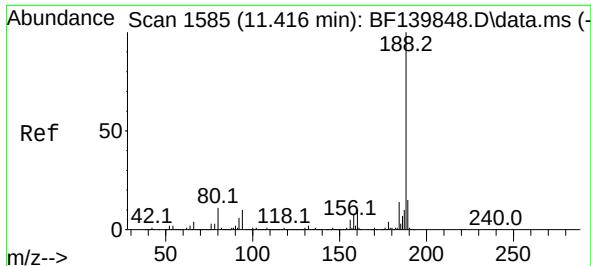
Supervised By :mohammad ahmed 10/29/2024



#45
2-Fluorobiphenyl
Concen: 25.551 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Tgt Ion:172 Resp: 411930
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.5 19.1 28.7





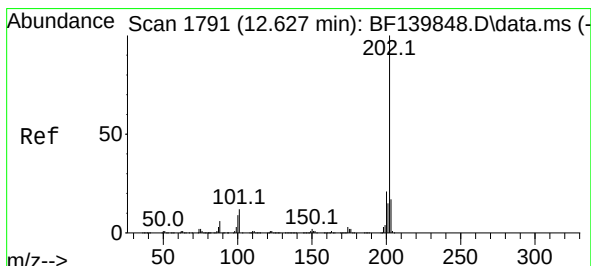
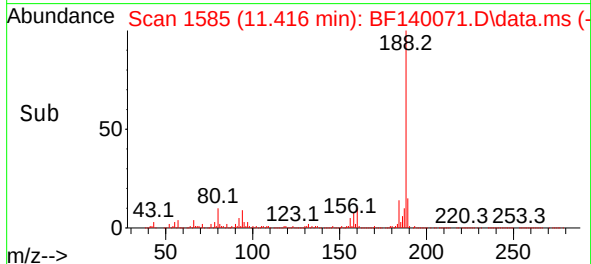
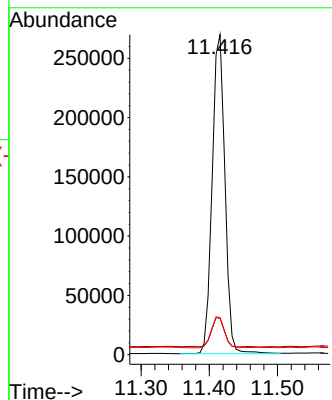
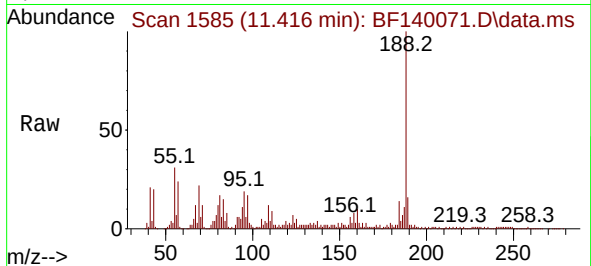
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Instrument :
BNA_F
ClientSampleId :
VNJ-215

Tgt Ion:188 Resp: 350780
Ion Ratio Lower Upper
188 100
94 11.4 7.9 11.9
80 11.6 9.0 13.4

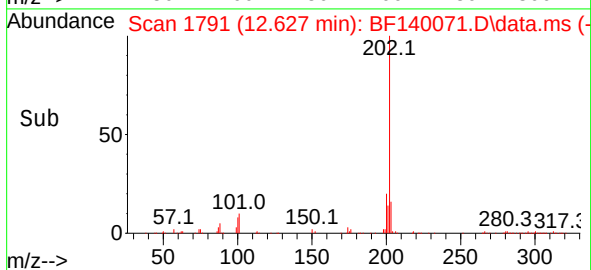
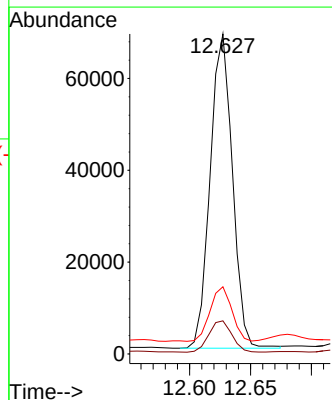
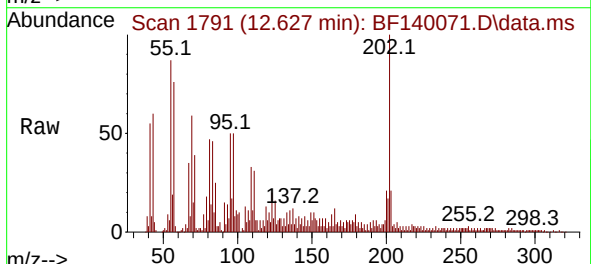
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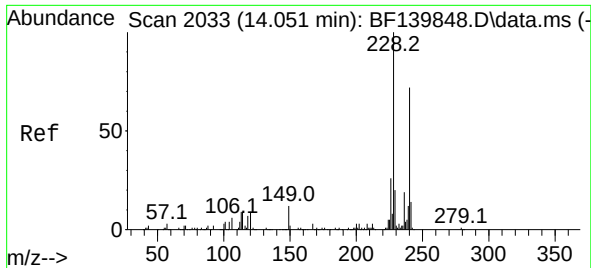
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#75
Fluoranthene
Concen: 5.212 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

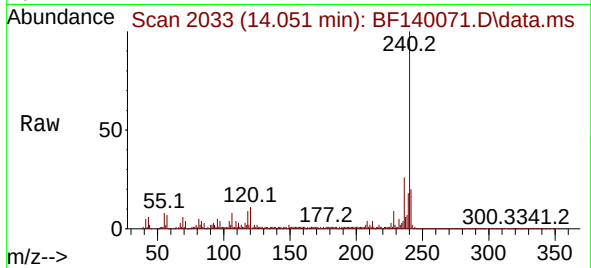
Tgt Ion:202 Resp: 87309
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.9
203 21.0 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

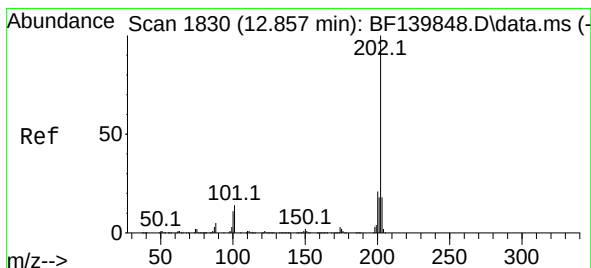
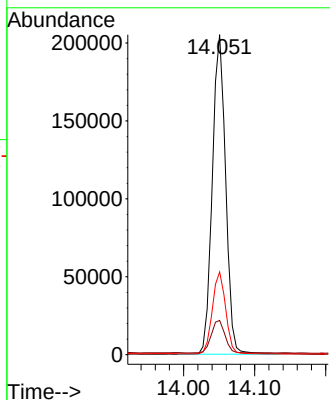
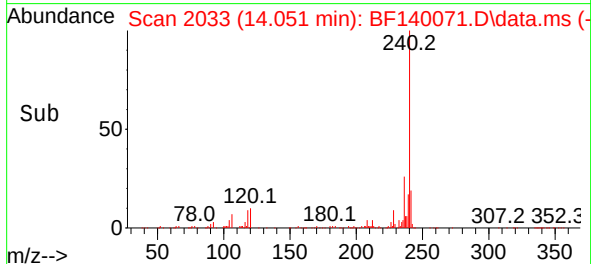
Instrument :
BNA_F
ClientSampleId :
VNJ-215



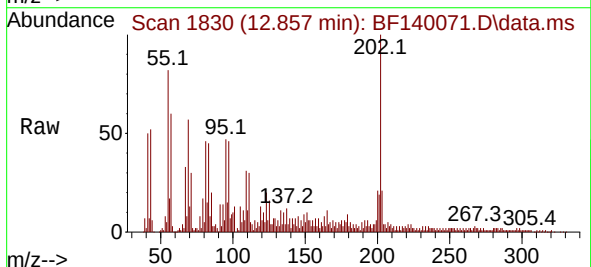
Tgt Ion:240 Resp: 266263
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 25.8 20.9 31.3

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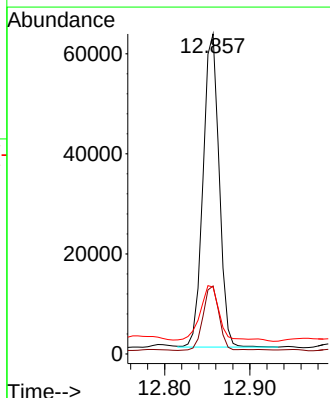
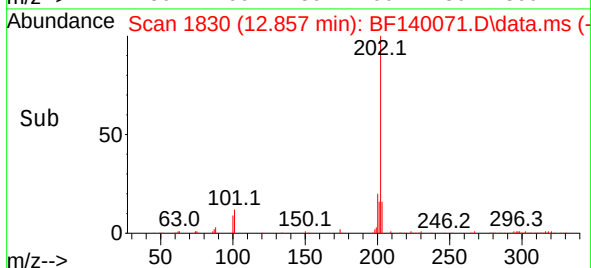
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

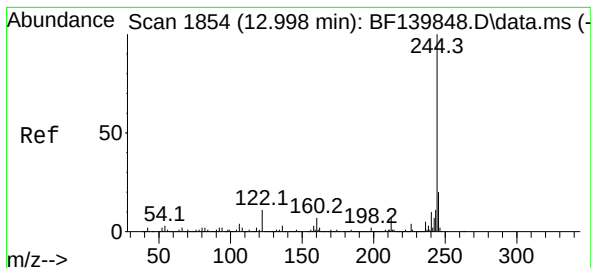


#78
Pyrene
Concen: 3.511 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33



Tgt Ion:202 Resp: 81824
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 20.9 14.2 21.4





#79

Terphenyl-d14

Concen: 18.556 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140071.D

Acq: 26 Oct 2024 20:33

Instrument :

BNA_F

ClientSampleId :

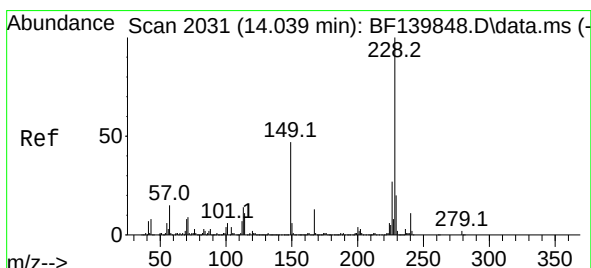
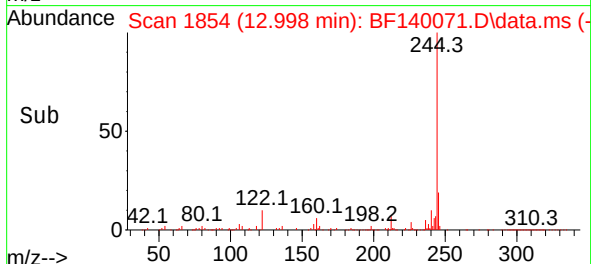
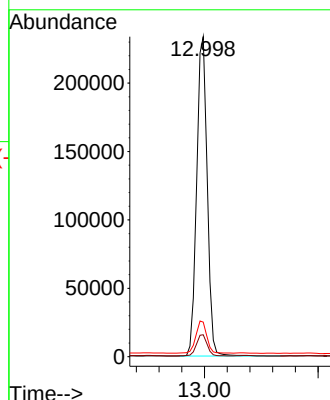
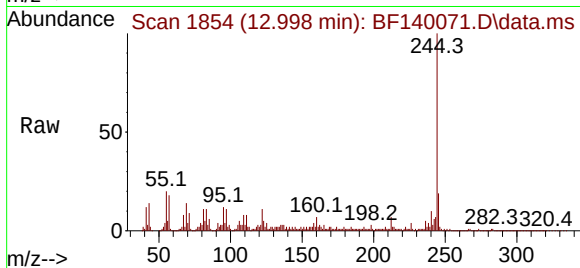
VNJ-215

Tgt Ion:244 Resp: 30321
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.8 8.6 13.0

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Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024



#81

Benzo(a)anthracene

Concen: 2.753 ng

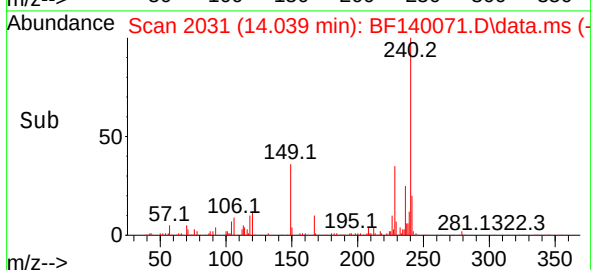
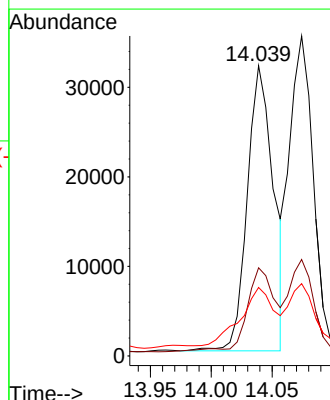
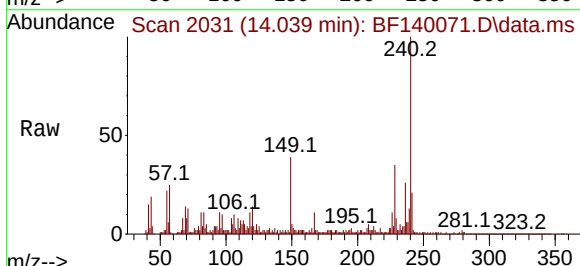
RT: 14.039 min Scan# 2031

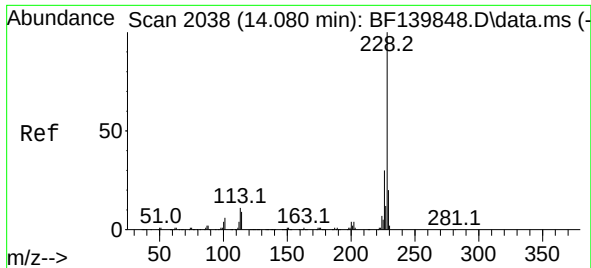
Delta R.T. 0.000 min

Lab File: BF140071.D

Acq: 26 Oct 2024 20:33

Tgt Ion:228 Resp: 47710
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.6 32.4
 229 23.6 16.1 24.1





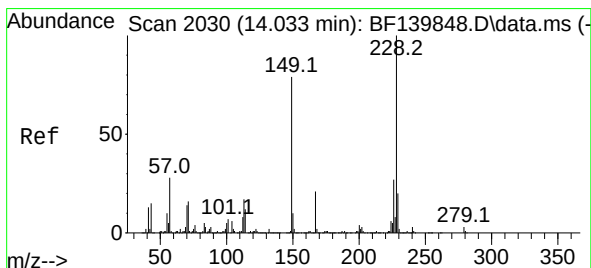
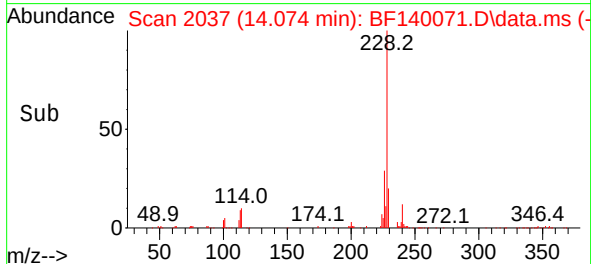
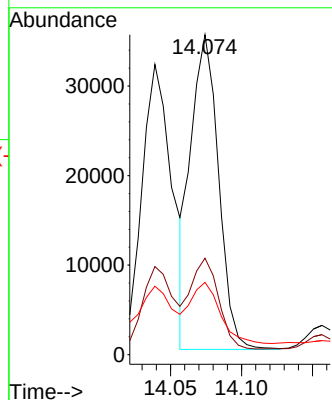
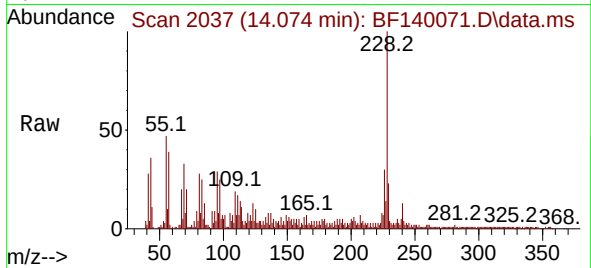
#83
Chrysene
Concen: 3.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Instrument :
BNA_F
ClientSampleId :
VNJ-215

Tgt Ion:228 Resp: 47670
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 22.6 15.8 23.6

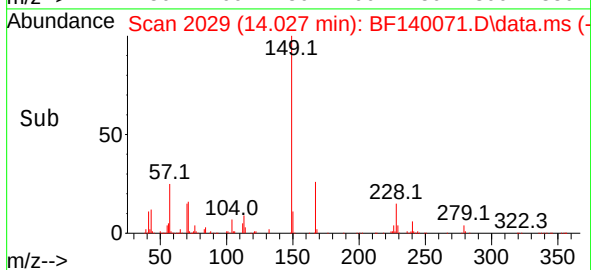
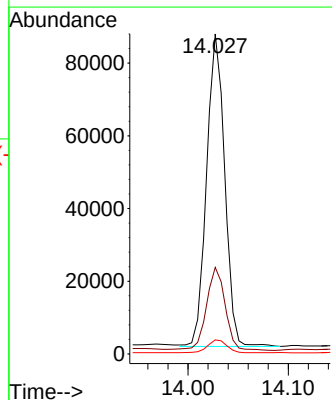
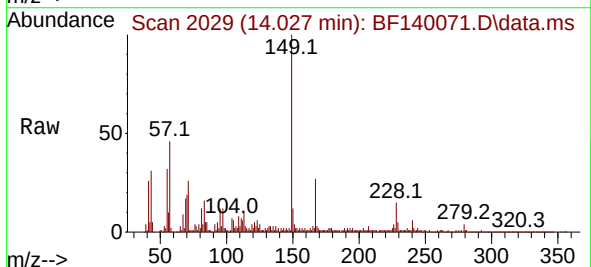
Manual Integrations
APPROVED

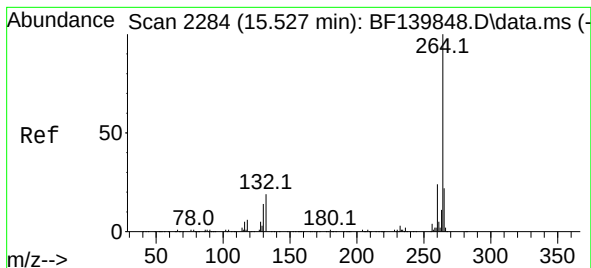
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 13.772 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

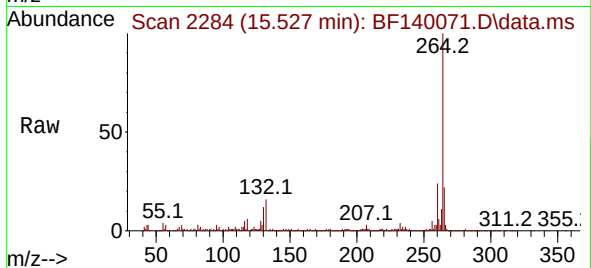
Tgt Ion:149 Resp: 107964
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.4 3.0 4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21092
Delta R.T. 0.000 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

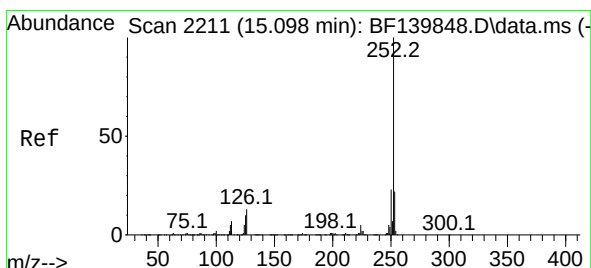
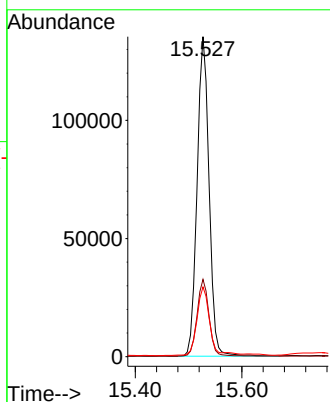
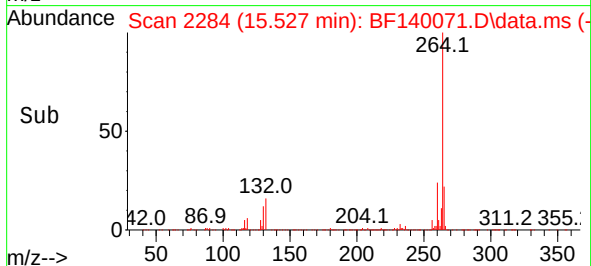
Instrument :
BNA_F
ClientSampleId :
VNJ-215



Tgt Ion:264 Resp: 21092
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.8 17.4 26.0

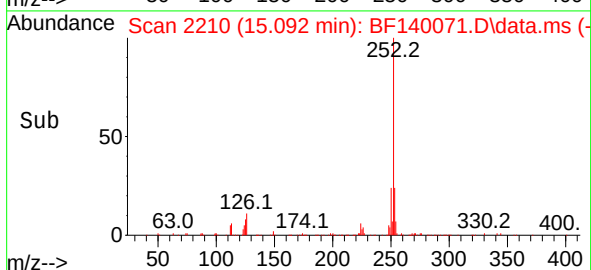
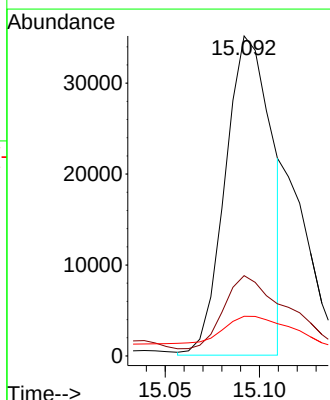
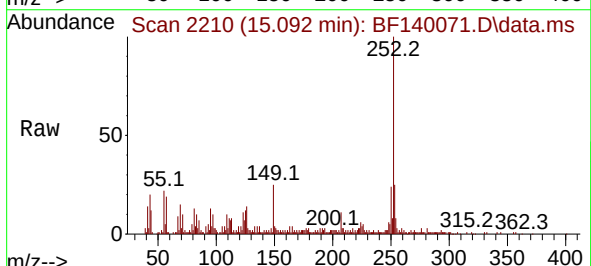
Manual Integrations
APPROVED

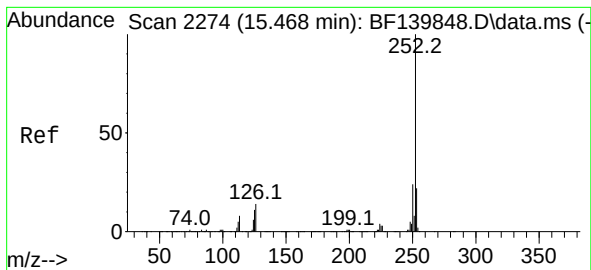
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#88
Benzo(b)fluoranthene
Concen: 4.671 ng m
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF140071.D
Acq: 26 Oct 2024 20:33

Tgt Ion:252 Resp: 60012
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 12.4 7.9 11.9#





#90

Benzo(a)pyrene

Concen: 3.500 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140071.D

Acq: 26 Oct 2024 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-215

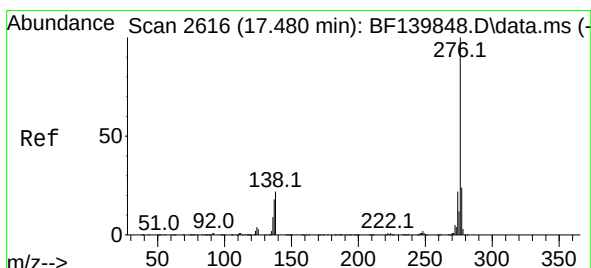
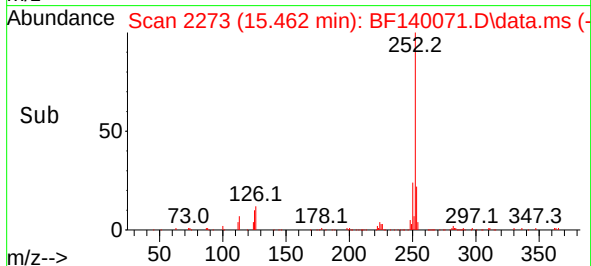
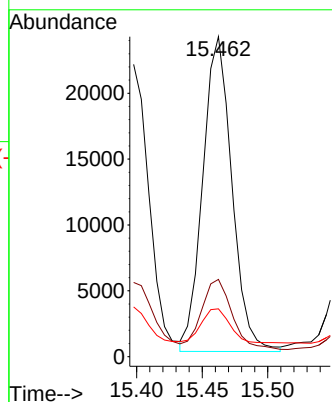
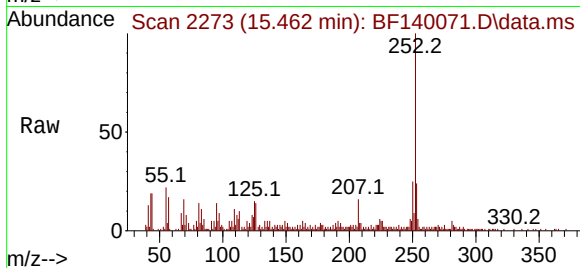
Tgt Ion:252 Resp: 37004
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.3 25.9
 125 14.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#92

Benzo(g,h,i)perylene

Concen: 2.498 ng

RT: 17.468 min Scan# 2614

Delta R.T. -0.012 min

Lab File: BF140071.D

Acq: 26 Oct 2024 20:33

Tgt Ion:276 Resp: 28239
 Ion Ratio Lower Upper
 276 100
 277 26.2 19.0 28.6
 138 22.3 17.4 26.0

