

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135529.D
 Acq On : 02 Oct 2023 16:06
 Operator : CG\JU
 Sample : 04672-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 02 16:25:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	174959	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	656676	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	310356	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	550892	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	273838	20.000	ng	0.00
86) Perylene-d12	15.392	264	311983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	918534	85.388	ng	0.00
7) Phenol-d6	6.392	99	1156347	84.539	ng	-0.01
23) Nitrobenzene-d5	7.310	82	713438	59.026	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	226075	73.301	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1150717	55.939	ng	-0.01
79) Terphenyl-d14	12.863	244	882333	49.949	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.292	178	59576	2.287	ng	98
75) Fluoranthene	12.492	202	184222	6.786	ng	99
78) Pyrene	12.721	202	200305	7.683	ng	98
81) Benzo(a)anthracene	13.915	228	59275	3.352	ng	99
83) Chrysene	13.951	228	77000	4.380	ng	98
88) Benzo(b)fluoranthene	14.968	252	78407m	4.643	ng	
90) Benzo(a)pyrene	15.333	252	42231	2.622	ng	# 95

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

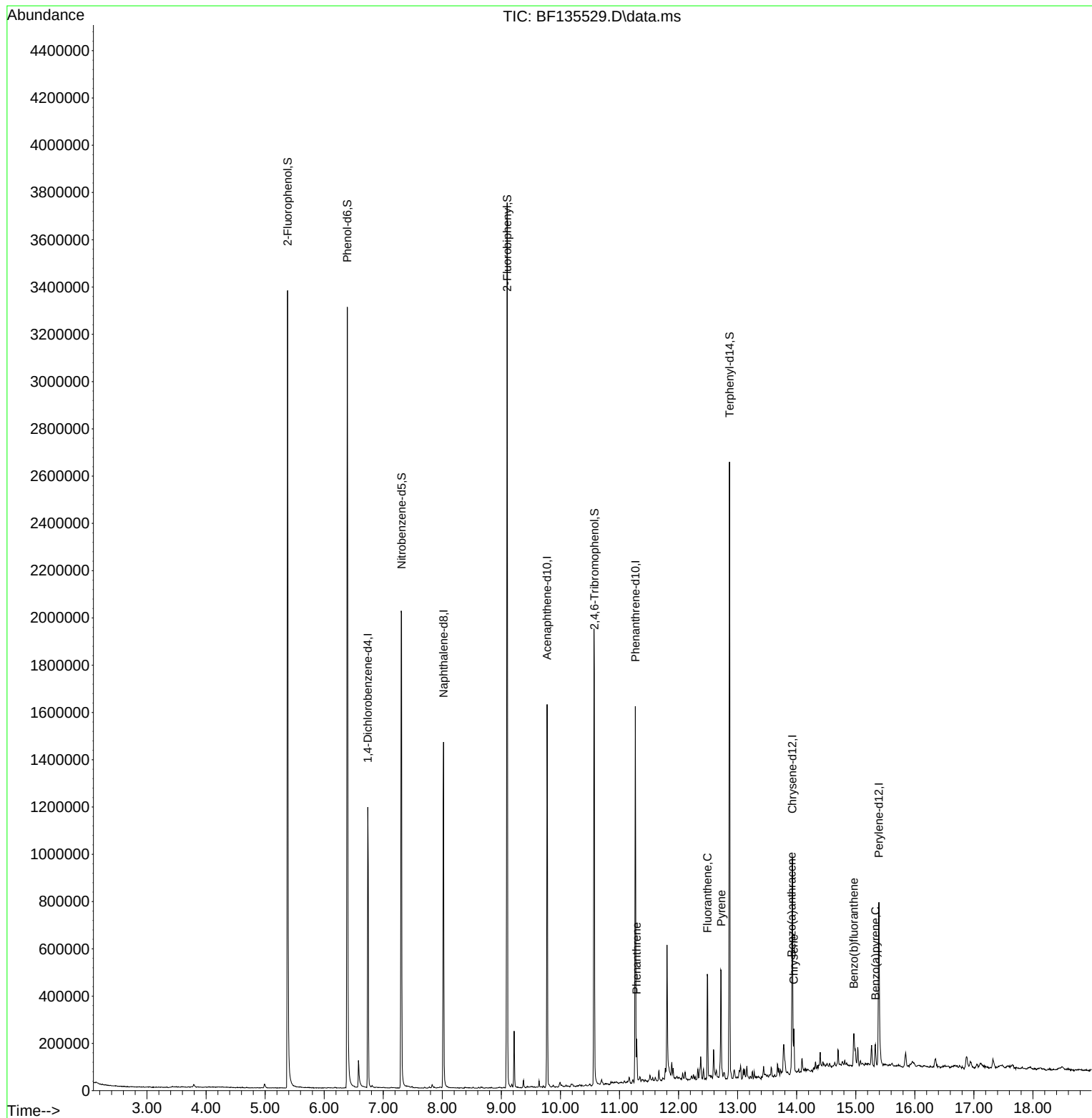
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135529.D
Acq On : 02 Oct 2023 16:06
Operator : CG\JU
Sample : 04672-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

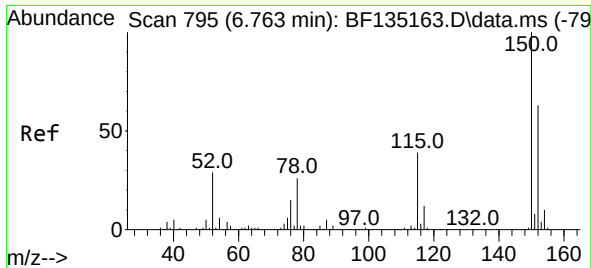
Instrument :
BNA_F
ClientSampleId :
VNJ-208

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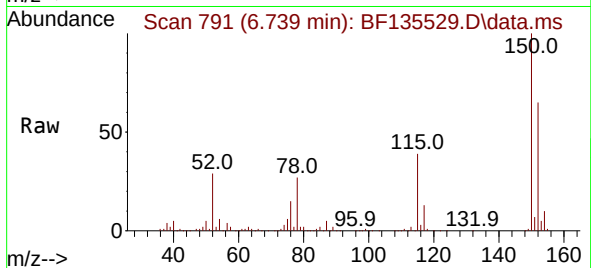
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 30 00:12:20 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

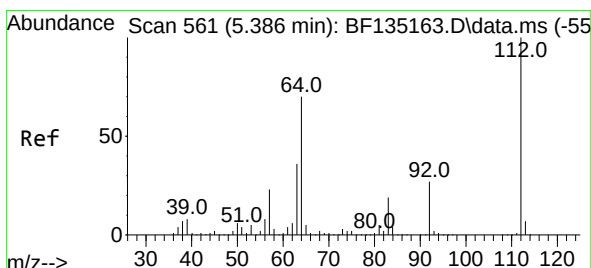
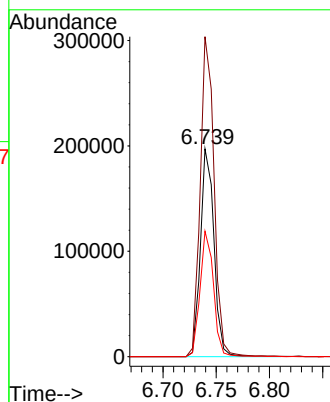
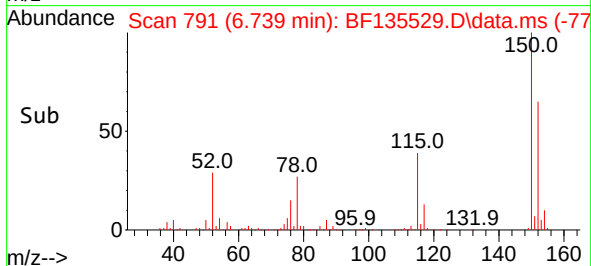
Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion:152 Resp: 174958
Ion Ratio Lower Upper
152 100
150 153.9 127.8 191.6
115 60.4 49.8 74.8

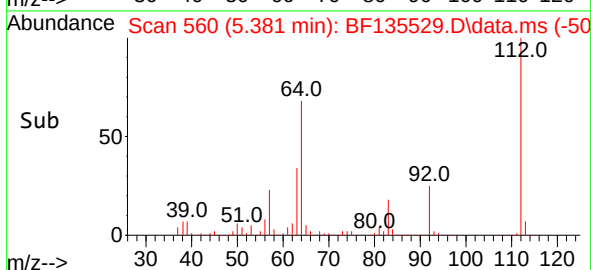
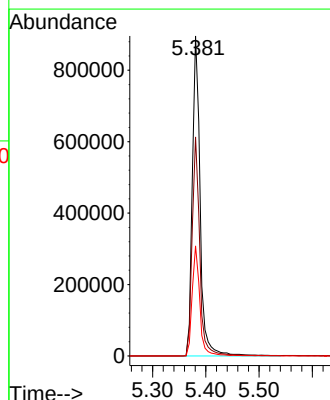
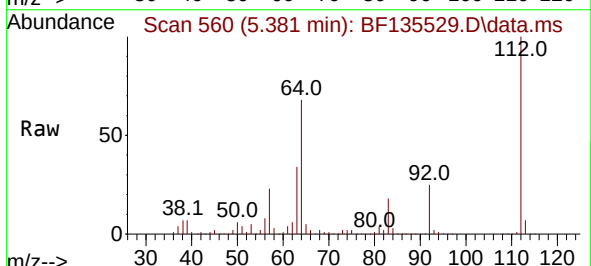
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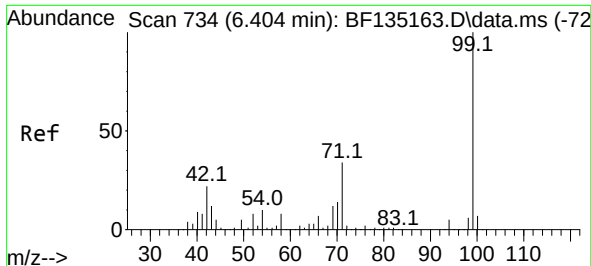
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#5
2-Fluorophenol
Concen: 85.388 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

Tgt Ion:112 Resp: 918534
Ion Ratio Lower Upper
112 100
64 68.4 55.9 83.9
63 34.4 29.0 43.6





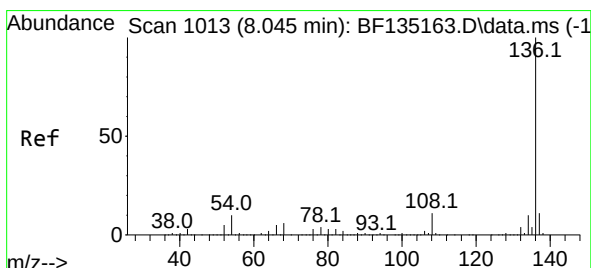
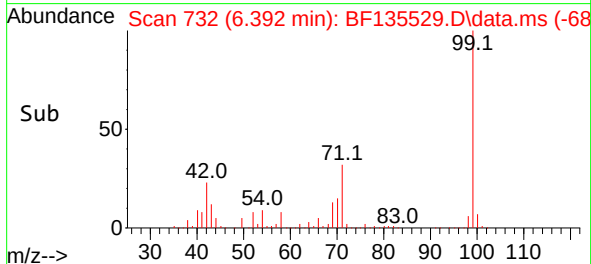
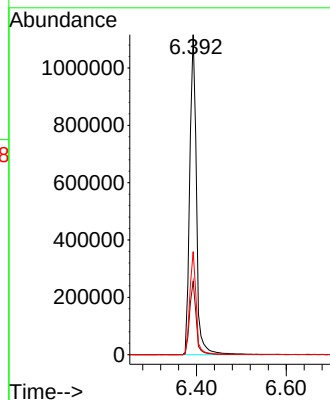
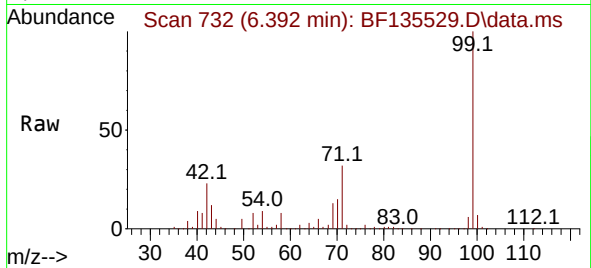
#7
Phenol-d6
Concen: 84.539 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

Instrument :
BNA_F
ClientSampleId :
VNJ-208

Tgt Ion: 99 Resp: 115634
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.2 27.0 40.6

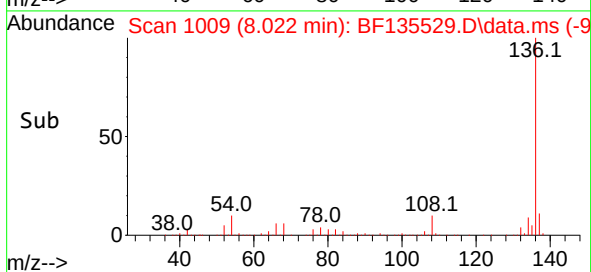
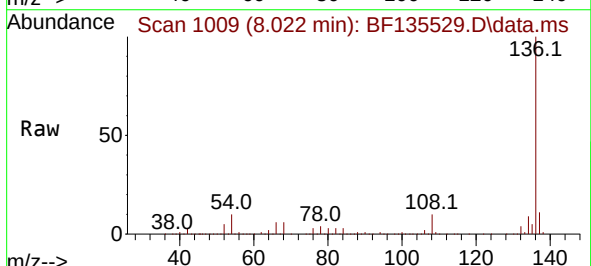
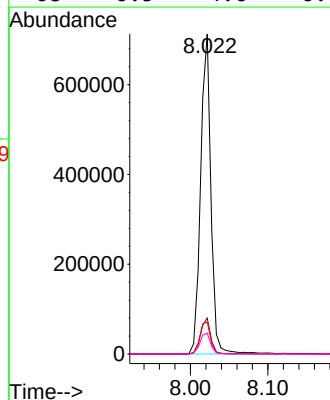
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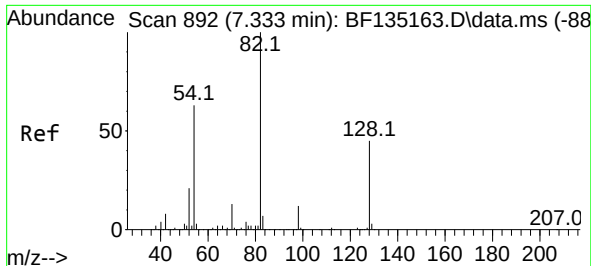
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

Tgt Ion:136 Resp: 656676
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.0 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 59.026 ng

RT: 7.310 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF135529.D

Acq: 02 Oct 2023 16:06

Instrument :

BNA_F

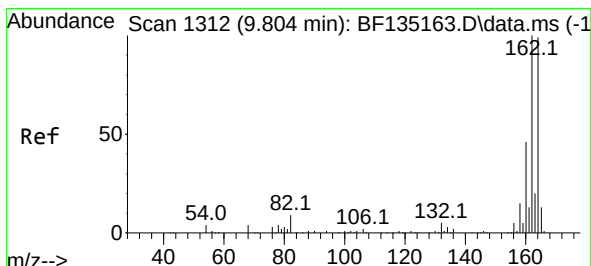
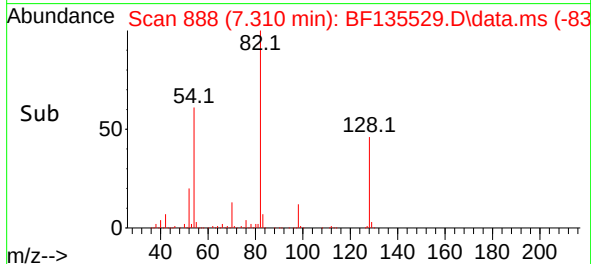
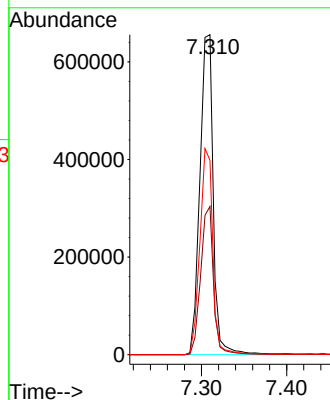
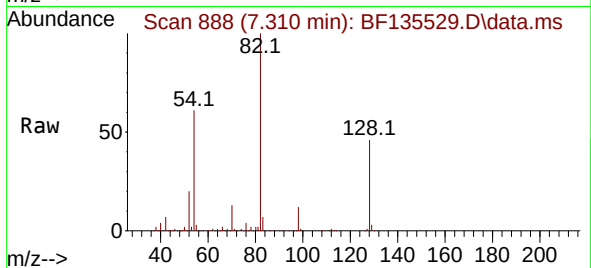
ClientSampleId :

VNJ-208

Tgt Ion: 82 Resp: 713438
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.8 53.6
 54 60.7 50.6 76.0

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 Supervised By :mohammad ahmed 10/04/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

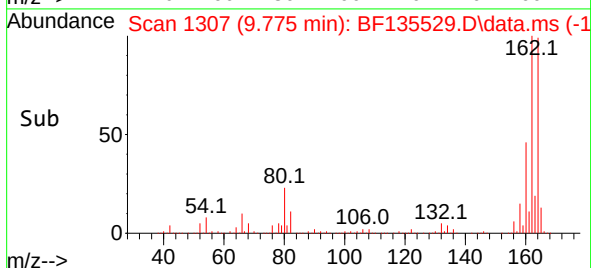
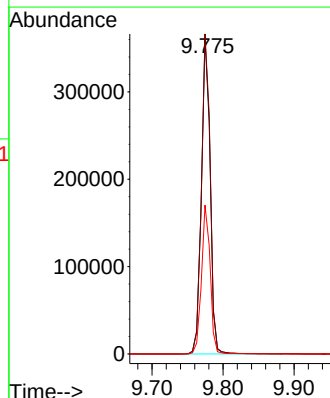
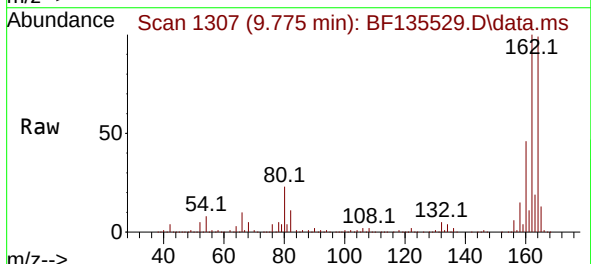
RT: 9.775 min Scan# 1307

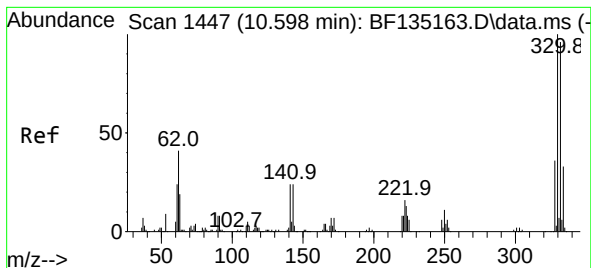
Delta R.T. -0.012 min

Lab File: BF135529.D

Acq: 02 Oct 2023 16:06

Tgt Ion:164 Resp: 310356
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.0 121.4
 160 47.0 37.0 55.4





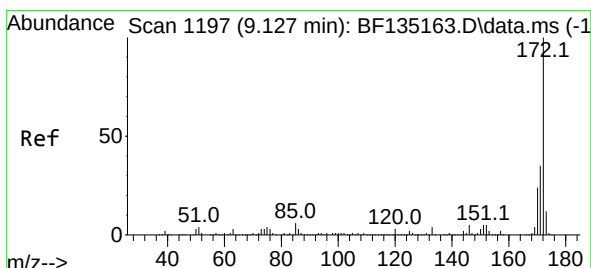
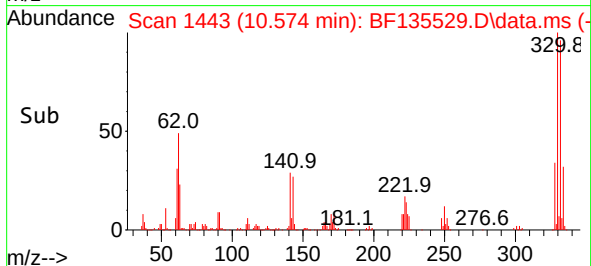
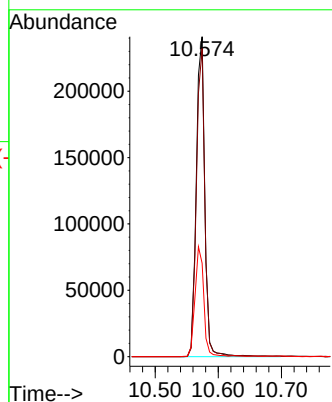
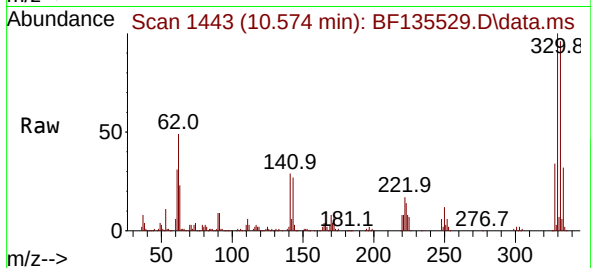
#42
2,4,6-Tribromophenol
Concen: 73.301 ng
RT: 10.574 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

Instrument :
BNA_F
ClientSampleId :
VNJ-208

Tgt Ion:330 Resp: 226075
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 35.2 25.8 38.8

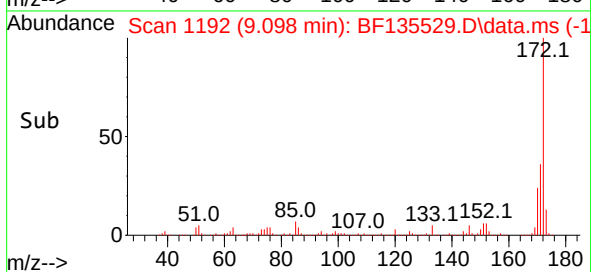
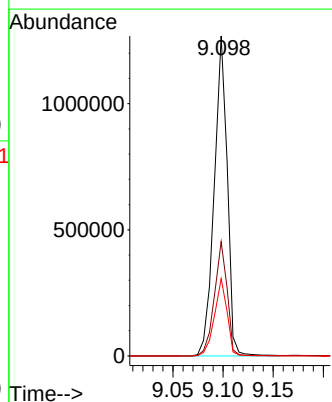
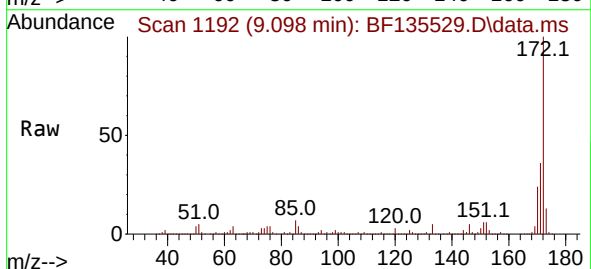
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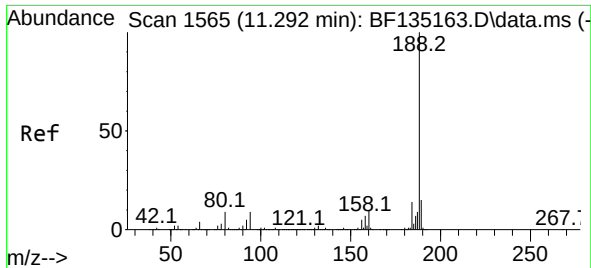
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#45
2-Fluorobiphenyl
Concen: 55.939 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

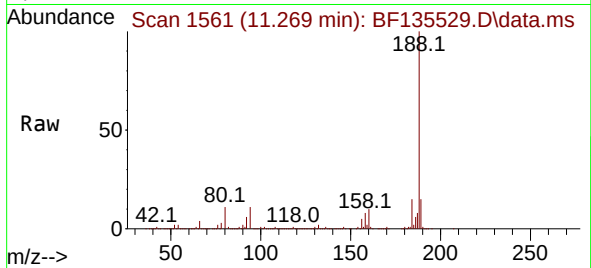
Tgt Ion:172 Resp: 1150717
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

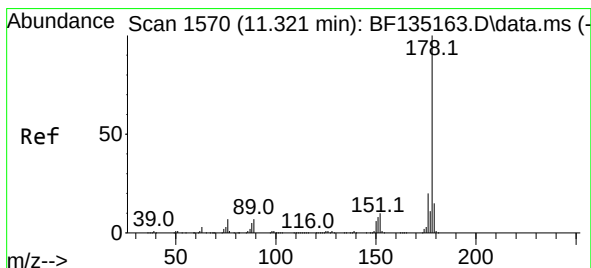
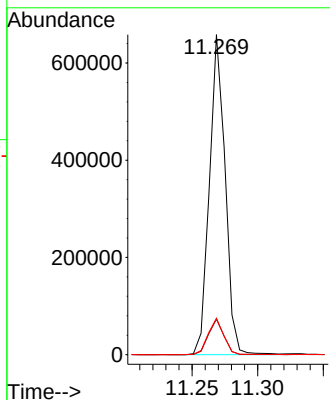
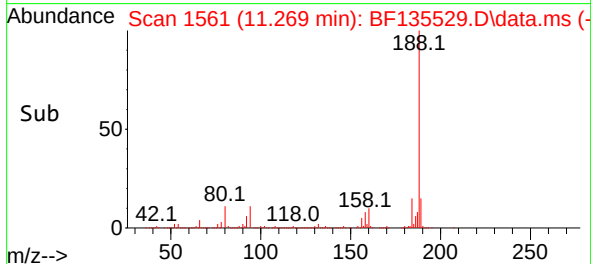
Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion:188 Resp: 550892
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6
80 11.4 7.5 11.3

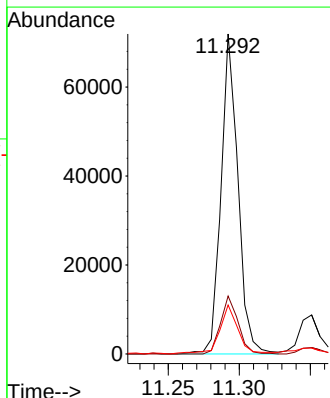
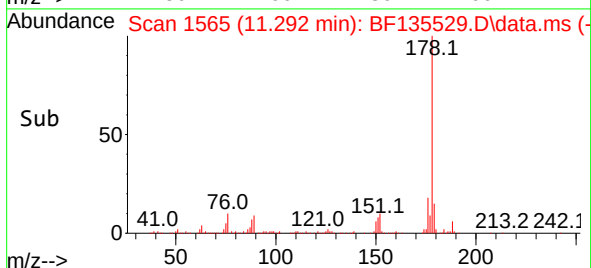
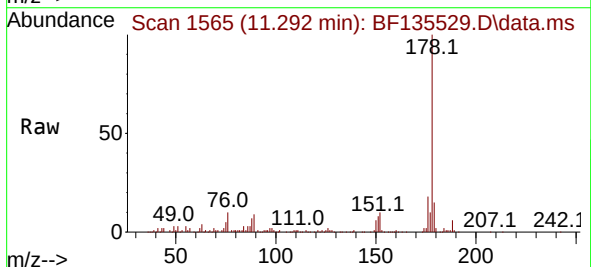
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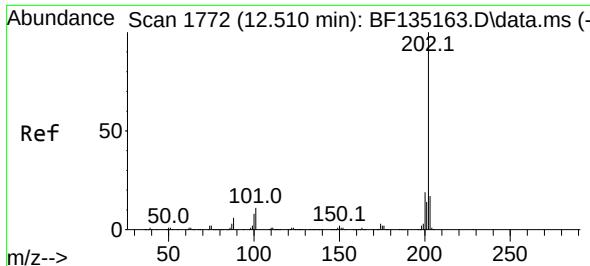
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#71
Phenanthrene
Concen: 2.287 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

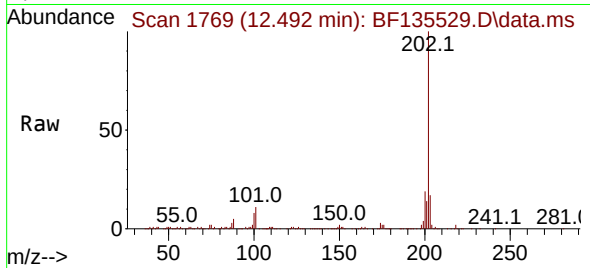
Tgt Ion:178 Resp: 59576
Ion Ratio Lower Upper
178 100
176 18.1 15.6 23.4
179 15.3 12.0 18.0





#75
Fluoranthene
Concen: 6.786 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

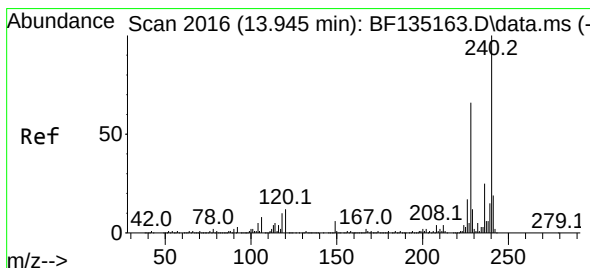
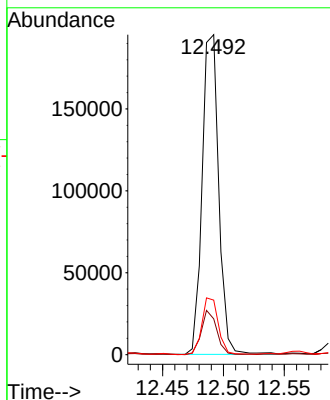
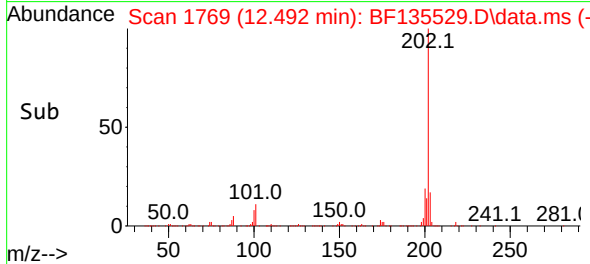
Instrument :
BNA_F
ClientSampleId :
VNJ-208



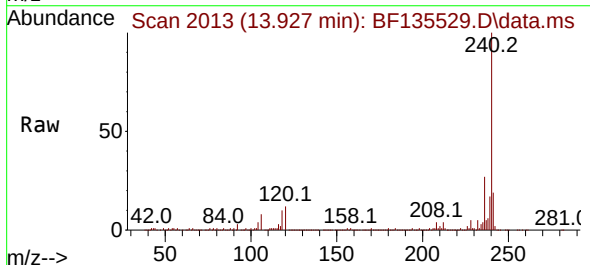
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Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 17.0 0.0 37.4

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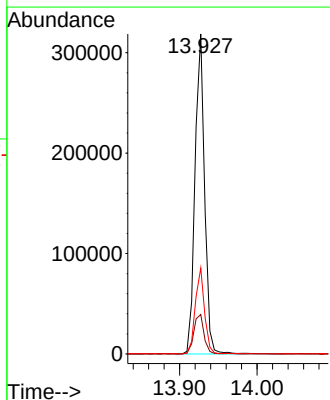
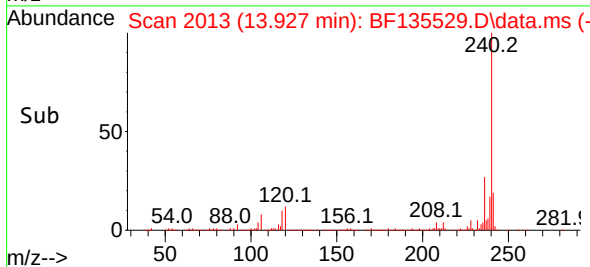
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

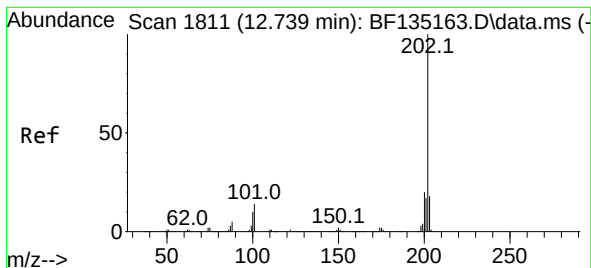


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06



Tgt Ion:240 Resp: 273838
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.9 19.8 29.8





#78

Pyrene

Concen: 7.683 ng

RT: 12.721 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF135529.D

Acq: 02 Oct 2023 16:06

Instrument :

BNA_F

ClientSampleId :

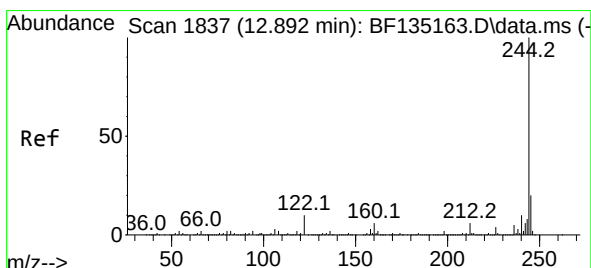
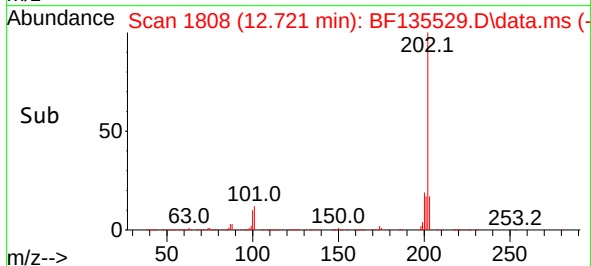
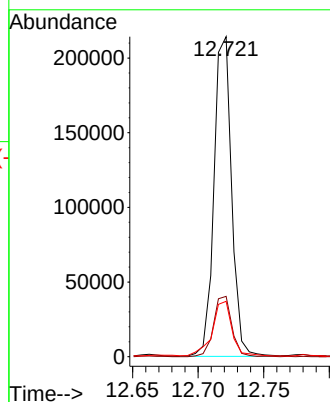
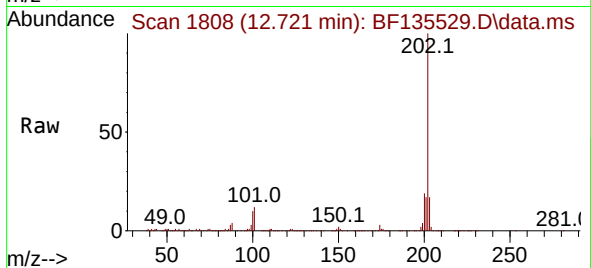
VNJ-208

Tgt Ion:202 Resp: 200305
 Ion Ratio Lower Upper
 202 100
 200 18.9 16.2 24.2
 203 17.3 14.2 21.4

Manual Integrations

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#79

Terphenyl-d14

Concen: 49.949 ng

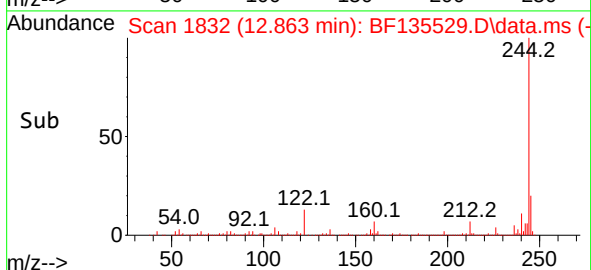
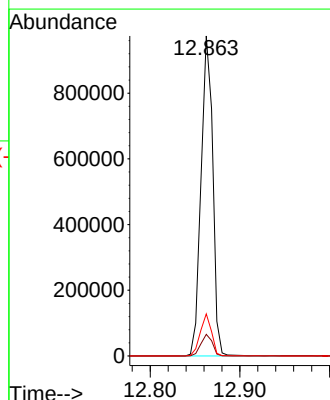
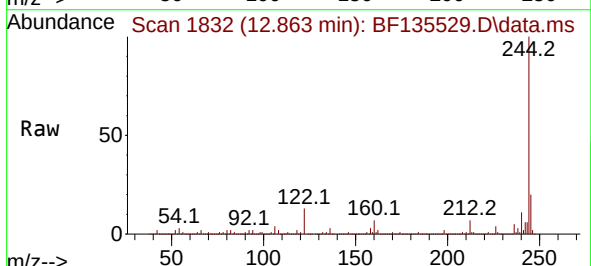
RT: 12.863 min Scan# 1832

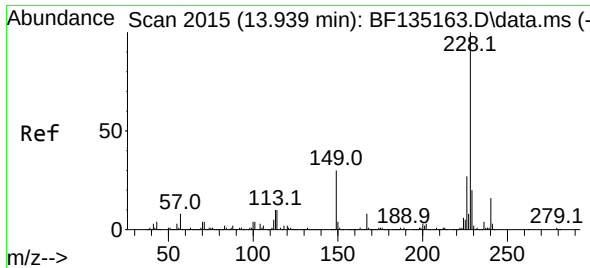
Delta R.T. -0.012 min

Lab File: BF135529.D

Acq: 02 Oct 2023 16:06

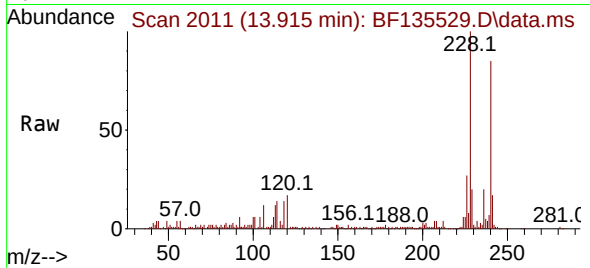
Tgt Ion:244 Resp: 882333
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 13.2 7.9 11.9





#81
Benzo(a)anthracene
Concen: 3.352 ng
RT: 13.915 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

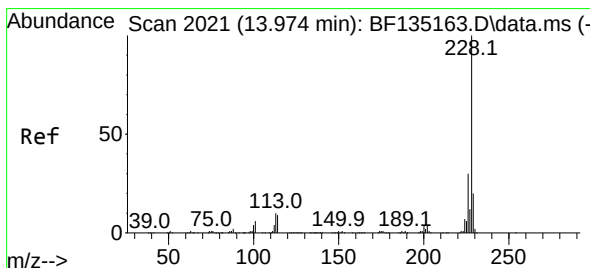
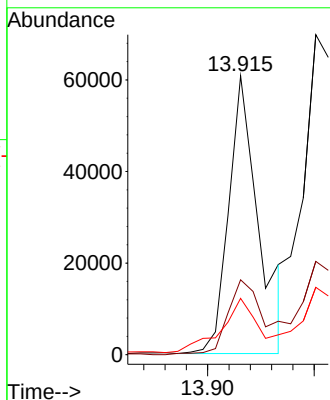
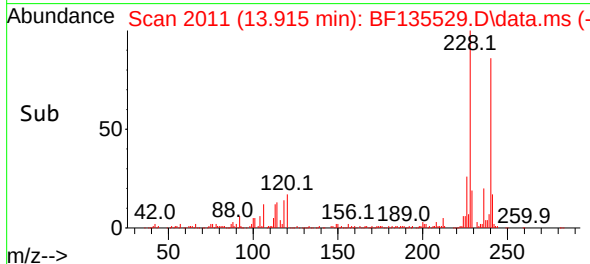
Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion:228 Resp: 59275
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.2 15.8 23.8

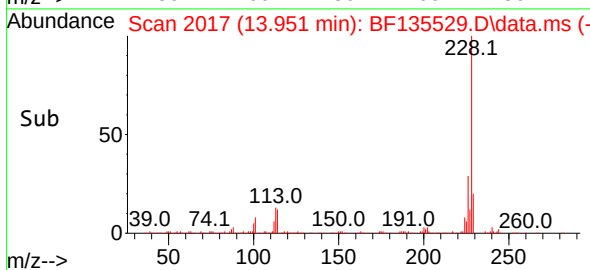
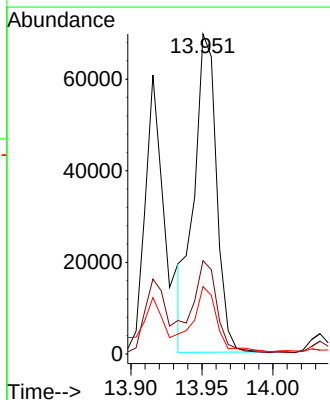
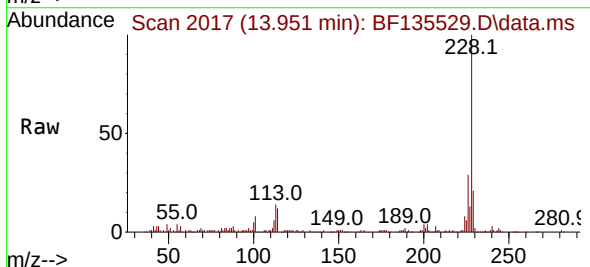
Manual Integrations
APPROVED

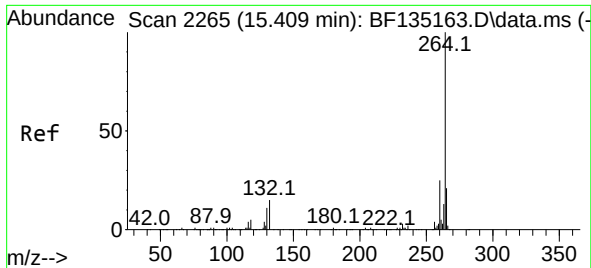
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#83
Chrysene
Concen: 4.380 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

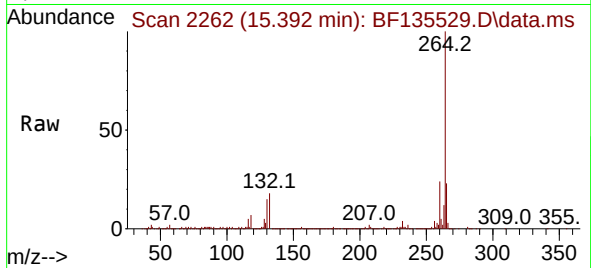
Tgt Ion:228 Resp: 77000
Ion Ratio Lower Upper
228 100
226 29.1 24.3 36.5
229 21.1 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21198
Delta R.T. -0.000 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

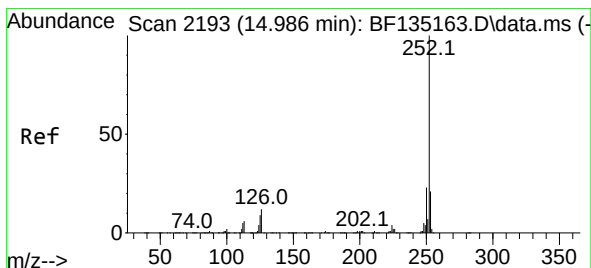
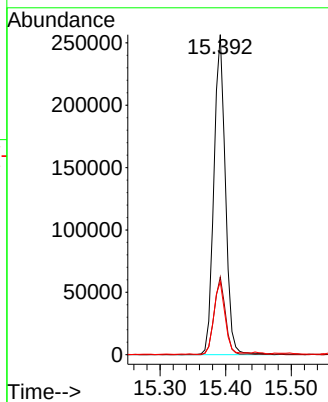
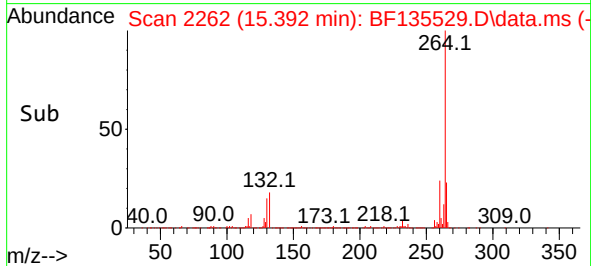
Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion:264 Resp: 31198
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 22.7 17.0 25.4

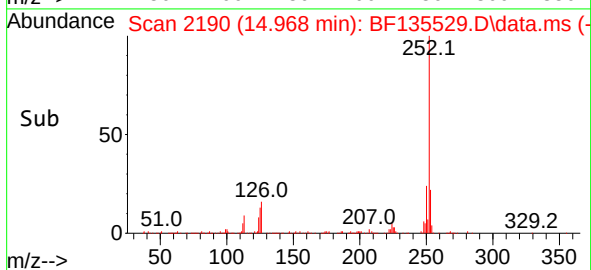
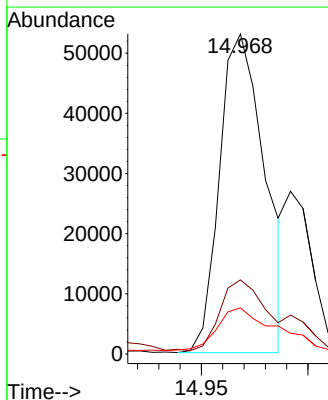
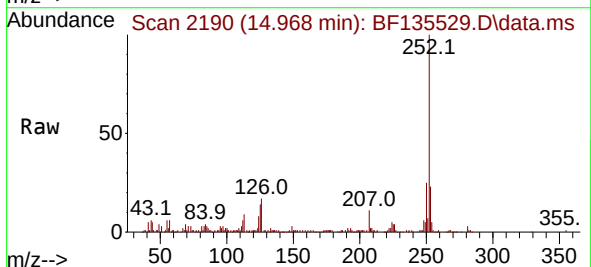
Manual Integrations
APPROVED

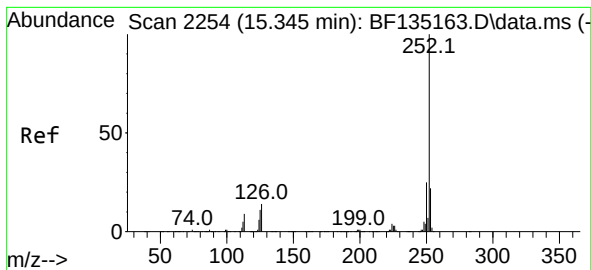
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#88
Benzo(b)fluoranthene
Concen: 4.643 ng m
RT: 14.968 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

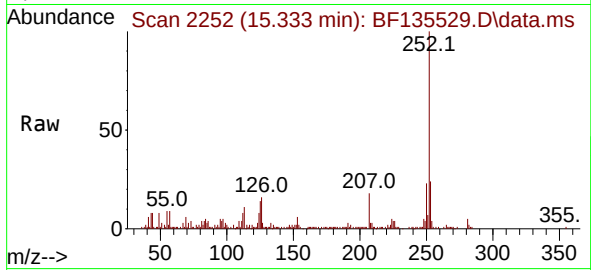
Tgt Ion:252 Resp: 78407
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 14.4 7.1 10.7#





#90
Benzo(a)pyrene
Concen: 2.622 ng
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135529.D
Acq: 02 Oct 2023 16:06

Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion:252 Resp: 4223
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 14.1 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

