

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135823.D
 Acq On : 17 Oct 2023 21:01
 Operator : CG\JU
 Sample : 04878-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 222

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 18 02:02:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	80756	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	293346	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	89890	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	56422m	20.000	ng	0.06
76) Chrysene-d12	13.998	240	113513	20.000	ng	# 0.05
86) Perylene-d12	15.451	264	153978	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	647124	128.834	ng	0.00
7) Phenol-d6	6.393	99	739357	117.972	ng	0.00
23) Nitrobenzene-d5	7.304	82	450465	84.457	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	92816	107.604	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	686274	119.368	ng	0.00
79) Terphenyl-d14	12.957	244	322724	52.651	ng	0.08
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.945	149	22190	4.130	ng	# 73

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

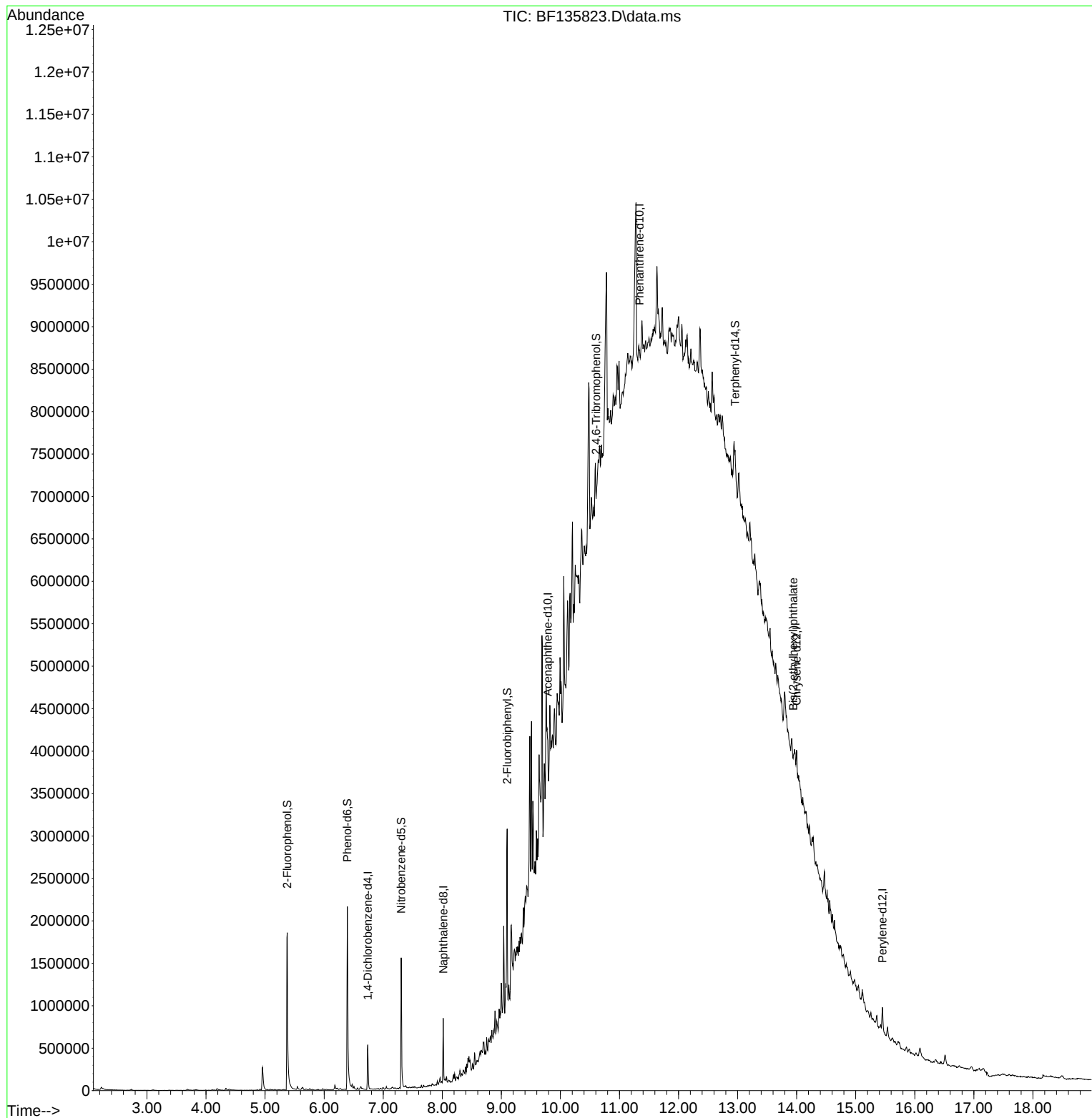
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
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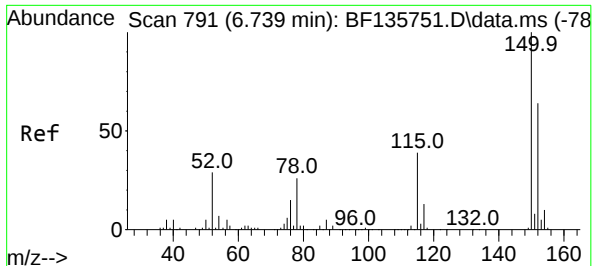
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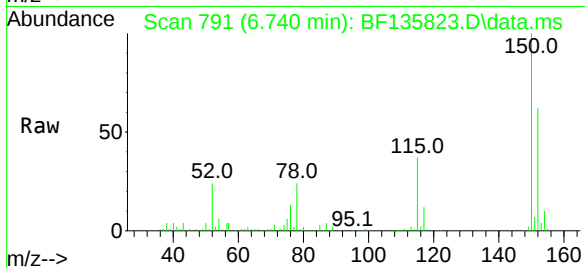
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

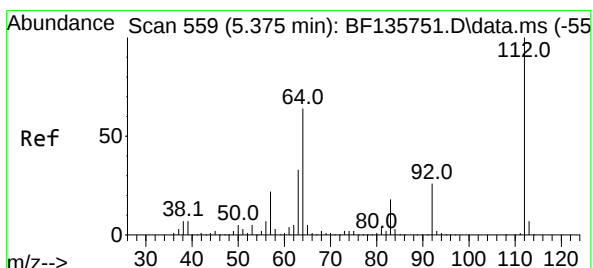
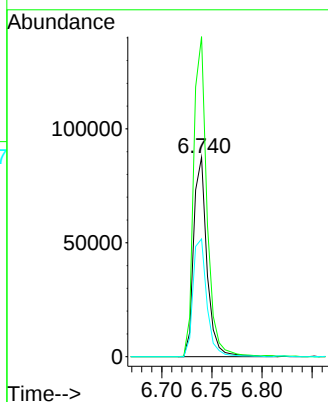
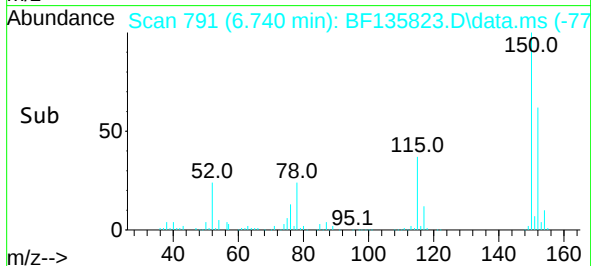
Instrument :
BNA_F
ClientSampleId :
222



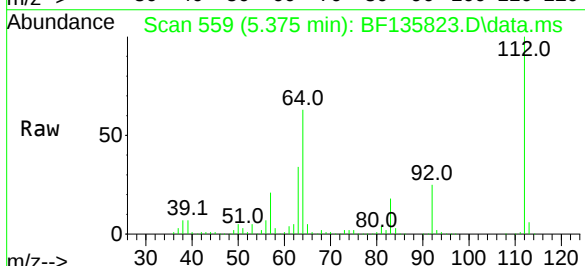
Tgt Ion:152 Resp: 80750
Ion Ratio Lower Upper
152 100
150 160.5 124.5 186.7
115 59.1 49.0 73.4

Manual Integrations
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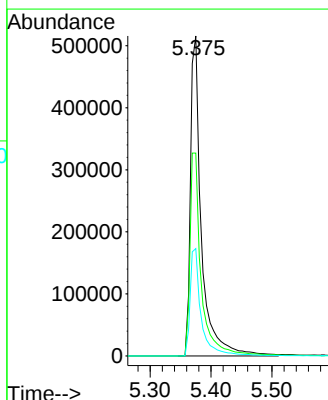
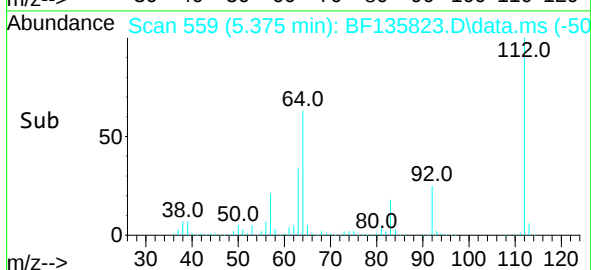
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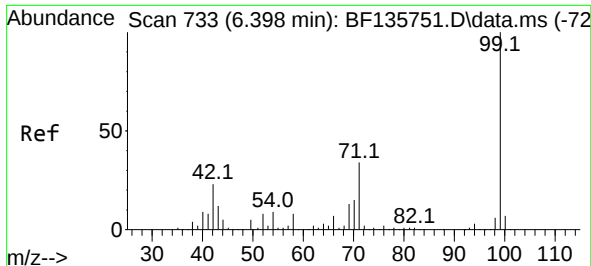


#5
2-Fluorophenol
Concen: 128.834 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01



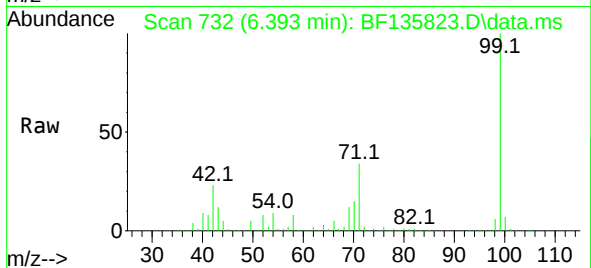
Tgt Ion:112 Resp: 647124
Ion Ratio Lower Upper
112 100
64 63.4 51.2 76.8
63 33.5 26.1 39.1





#7
Phenol-d6
Concen: 117.972 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

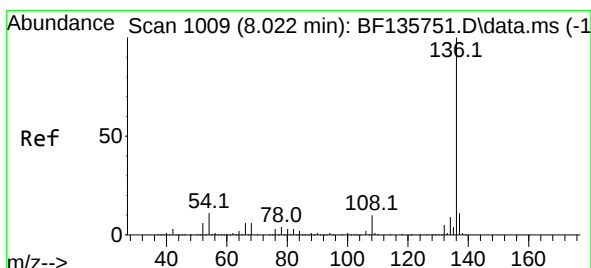
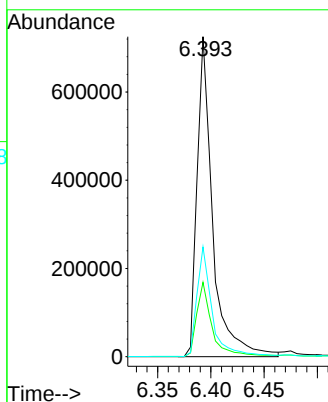
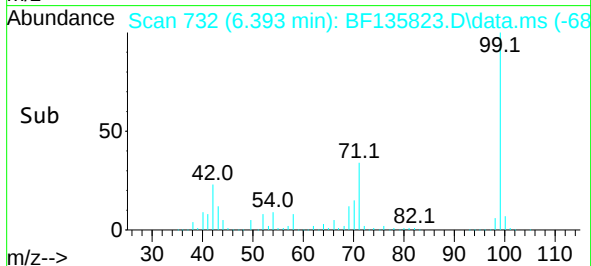
Instrument :
BNA_F
ClientSampleId :
222



Tgt Ion: 99 Resp: 73935
Ion Ratio Lower Upper
99 100
42 23.2 18.4 27.6
71 34.3 27.2 40.8

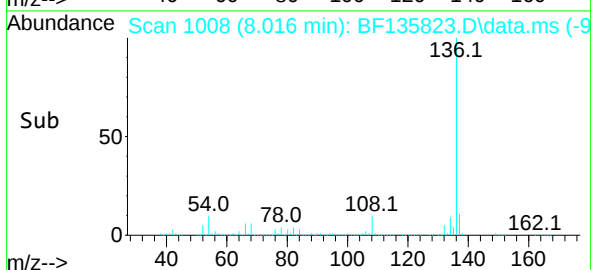
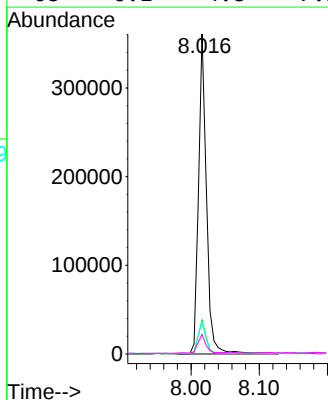
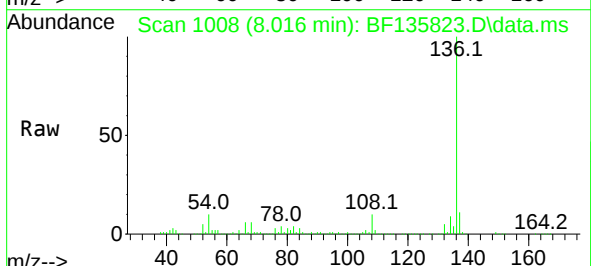
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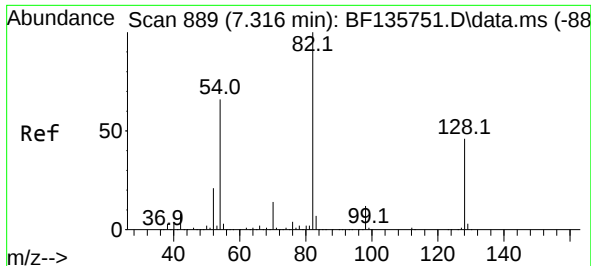
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

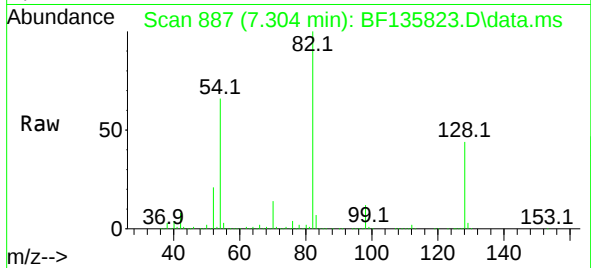
Tgt Ion:136 Resp: 293346
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.1 8.5 12.7
68 6.1 4.8 7.2





#23
Nitrobenzene-d5
Concen: 84.457 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

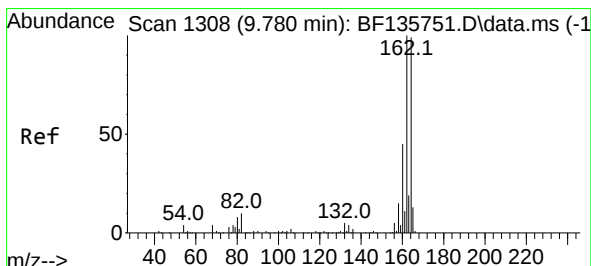
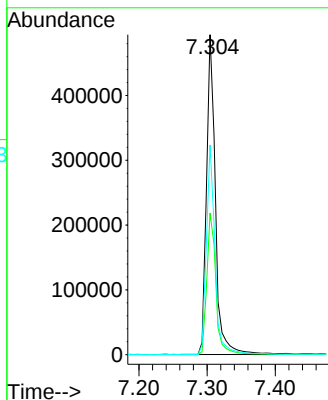
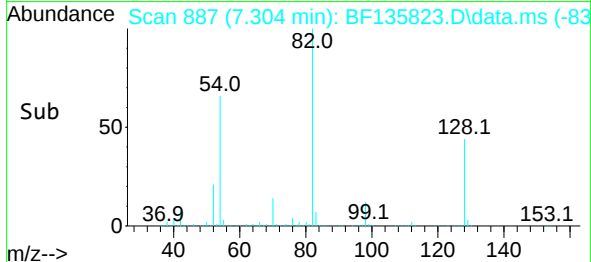
Instrument :
BNA_F
ClientSampleId :
222



Tgt Ion: 82 Resp: 45046
Ion Ratio Lower Upper
82 100
128 44.3 37.0 55.6
54 65.5 52.8 79.2

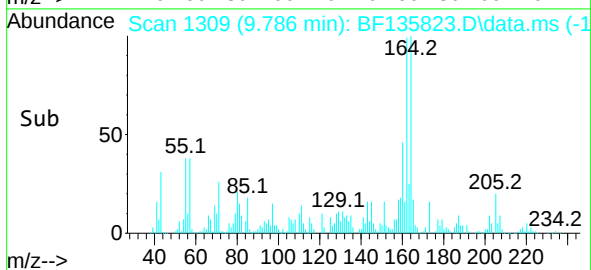
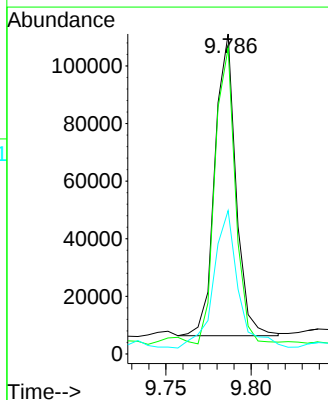
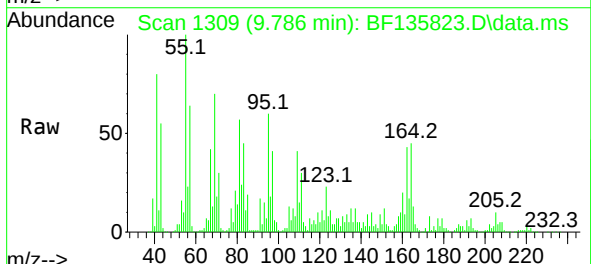
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Reviewed By :Yogesh Patel 10/18/2023
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

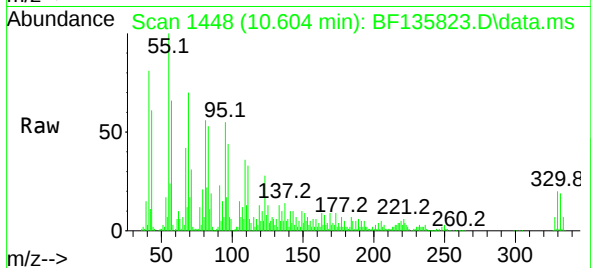
Tgt Ion:164 Resp: 89890
Ion Ratio Lower Upper
164 100
162 95.6 80.8 121.2
160 44.8 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 107.604 ng
RT: 10.604 min Scan# 1444
Delta R.T. 0.018 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

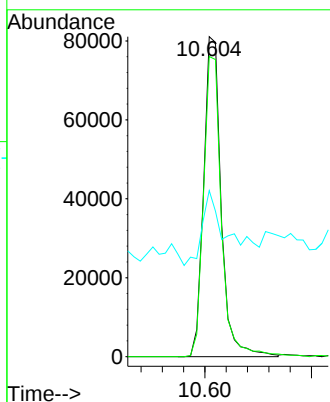
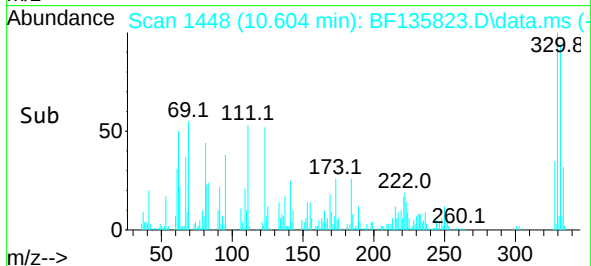
Instrument :
BNA_F
ClientSampleId :
222



Tgt Ion:330 Resp: 92810
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.4
141 35.2 25.8 38.6

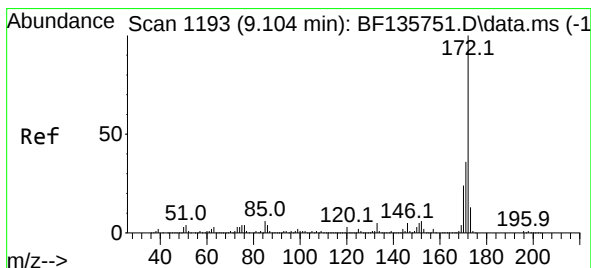
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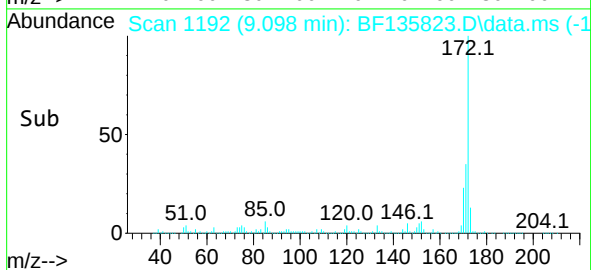
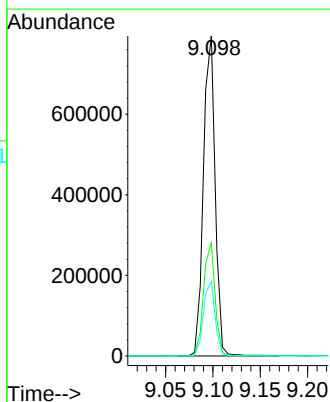
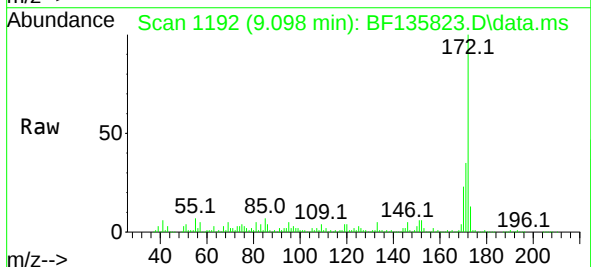
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ahmed

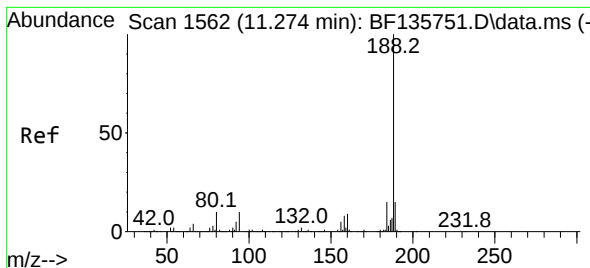
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#45
2-Fluorobiphenyl
Concen: 119.368 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

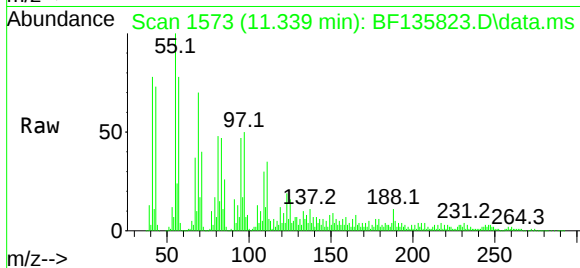
Tgt Ion:172 Resp: 686274
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.339 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

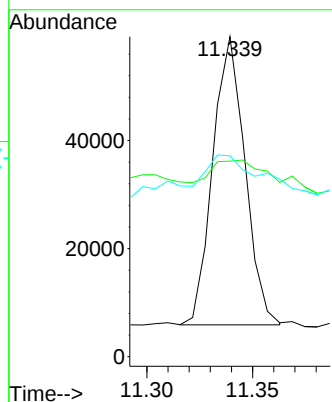
Instrument :
BNA_F
ClientSampleId :
222



Tgt Ion:188 Resp: 5642
Ion Ratio Lower Upper
188 100
94 61.1 8.0 12.0
80 62.8 8.3 12.5

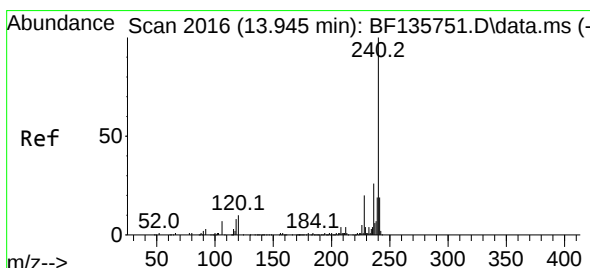
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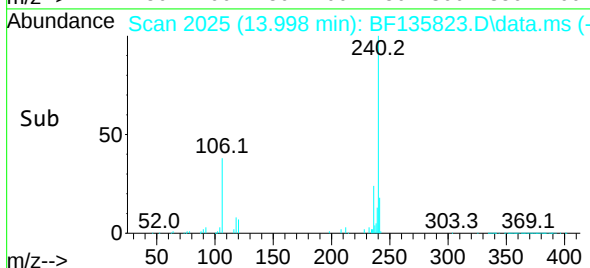
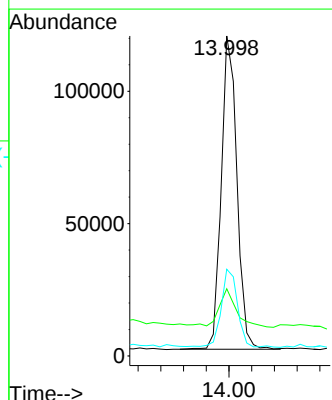
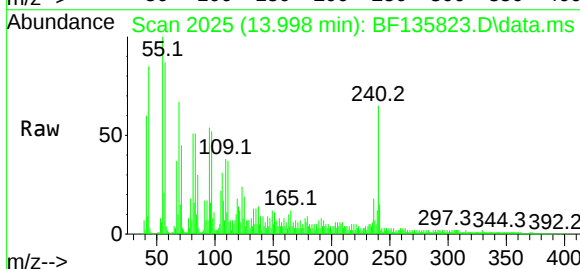
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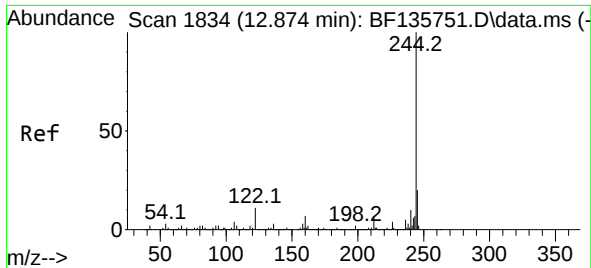
10/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.047 min
Lab File: BF135823.D
Acq: 17 Oct 2023 21:01

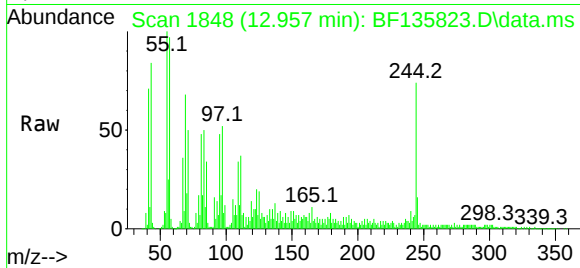
Tgt Ion:240 Resp: 113513
Ion Ratio Lower Upper
240 100
120 21.0 8.2 12.2
236 27.1 21.2 31.8





#79
 Terphenyl-d14
 Concen: 52.651 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.076 min
 Lab File: BF135823.D
 Acq: 17 Oct 2023 21:01

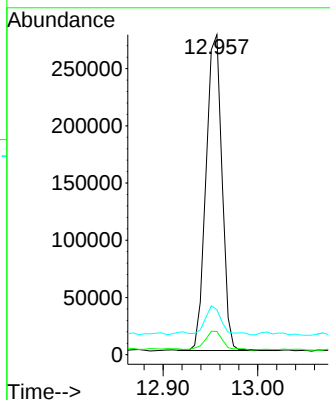
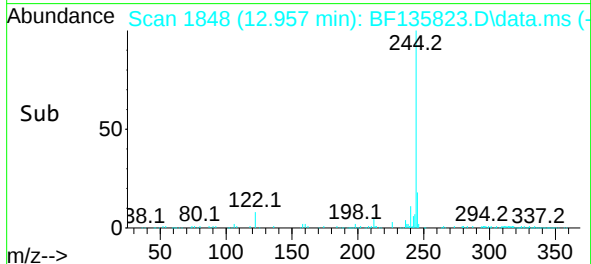
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 ClientSampleId :
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Tgt Ion:244 Resp: 322724
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 14.0 9.0 13.6

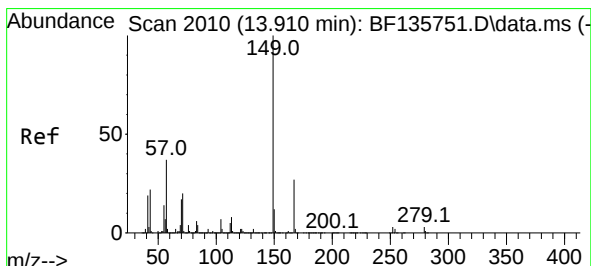
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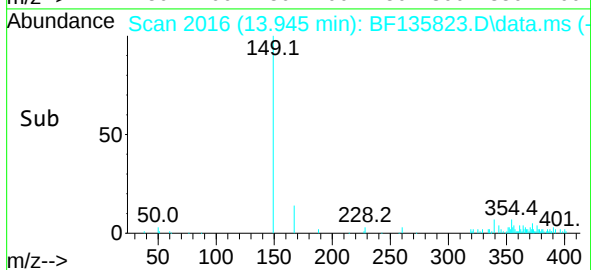
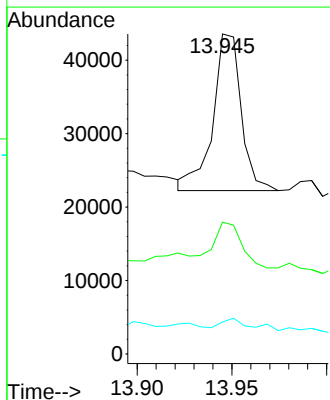
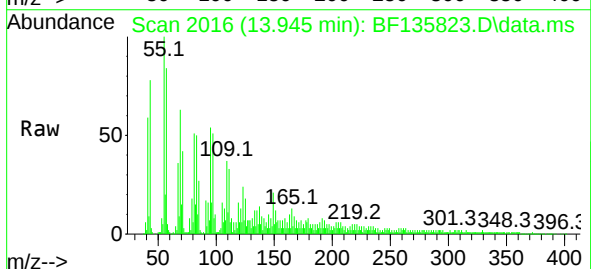
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 ahmed

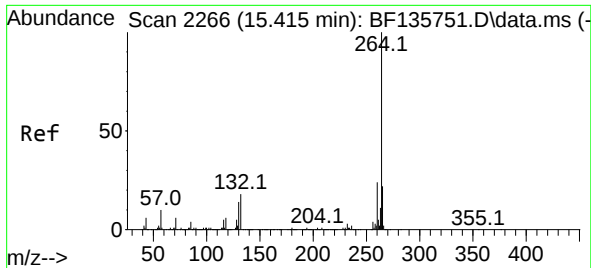
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.130 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. 0.029 min
 Lab File: BF135823.D
 Acq: 17 Oct 2023 21:01

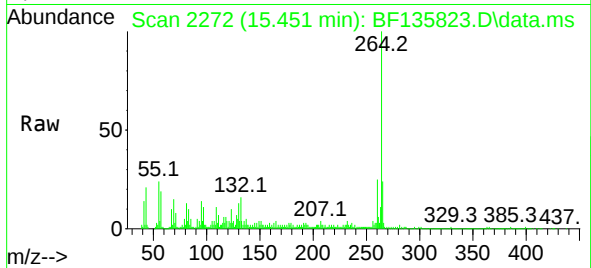
Tgt Ion:149 Resp: 22190
 Ion Ratio Lower Upper
 149 100
 167 41.2 21.3 31.9#
 279 10.0 2.7 4.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF135823.D
 Acq: 17 Oct 2023 21:01

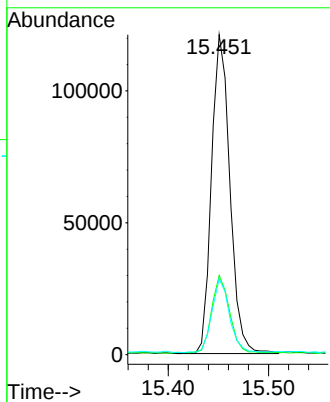
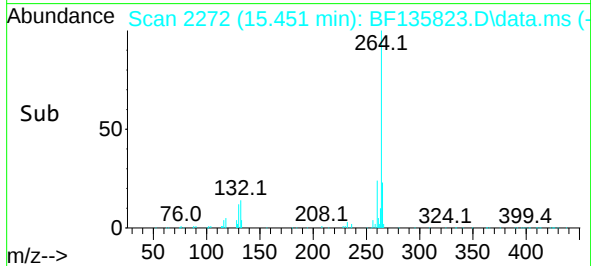
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Tgt Ion:264 Resp: 153978
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 23.7 17.4 26.2

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