

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135373.D
 Acq On : 21 Sep 2023 11:26
 Operator : CG\JU
 Sample : 04474-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-WATER

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/22/2023

Supervised By :mohammad
 ahmed

09/27/2023

Quant Time: Sep 21 12:05:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	131354	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	505590	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	228770	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	363236	20.000	ng	0.00
76) Chrysene-d12	13.939	240	248091	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	250455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	466197	57.725	ng	0.00
7) Phenol-d6	6.398	99	357724	34.834	ng	0.00
23) Nitrobenzene-d5	7.322	82	859428	92.352	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	247076	108.680	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1367350	90.176	ng	-0.01
79) Terphenyl-d14	12.880	244	904109	56.493	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.316	77	13222	2.260	ng	# 81
10) Phenol	6.410	94	23304	2.070	ng	96
15) Benzyl Alcohol	6.916	79	46291m	6.282	ng	
32) Benzoic acid	7.781	122	12249	2.192	ng	96

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

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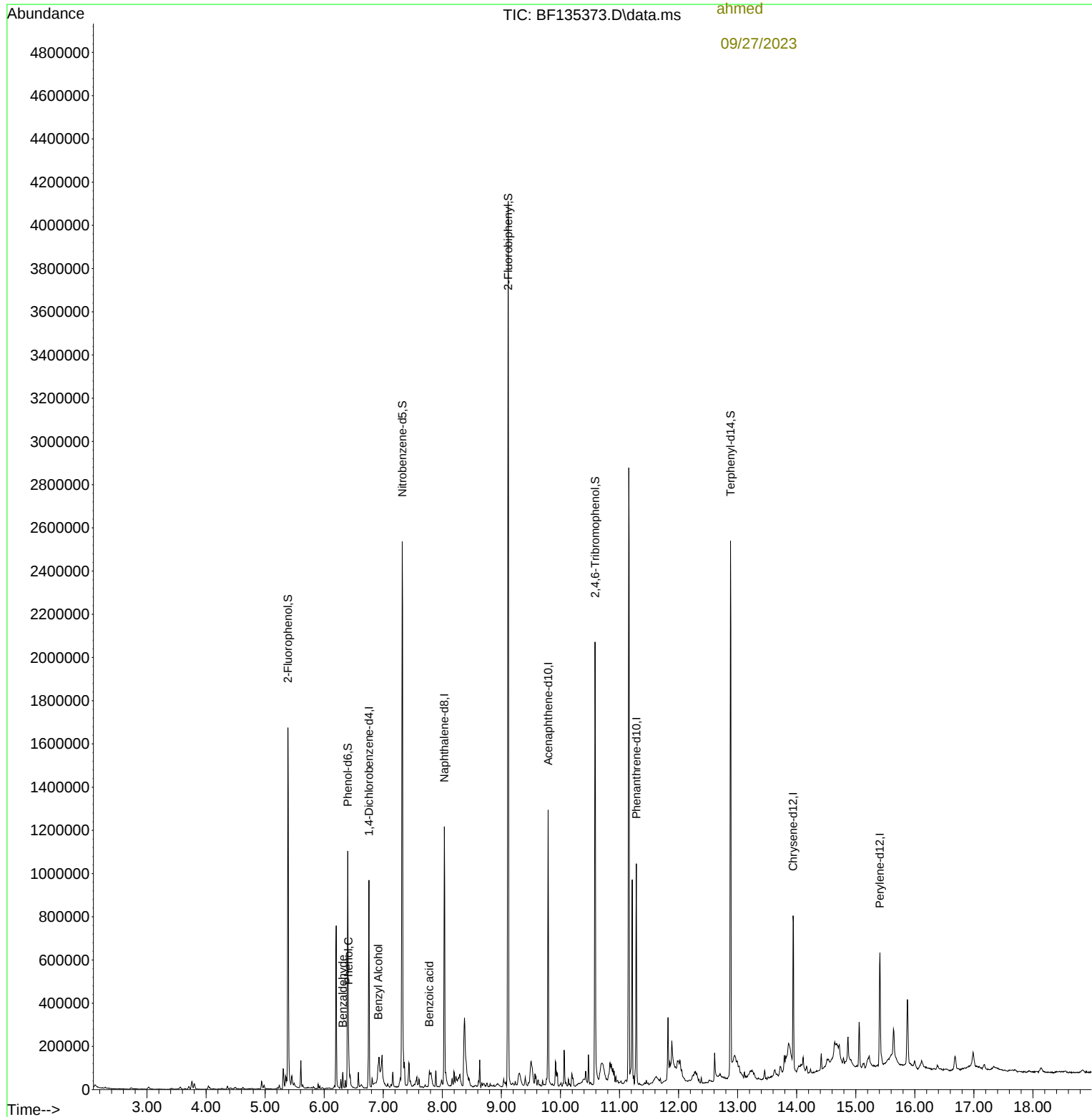
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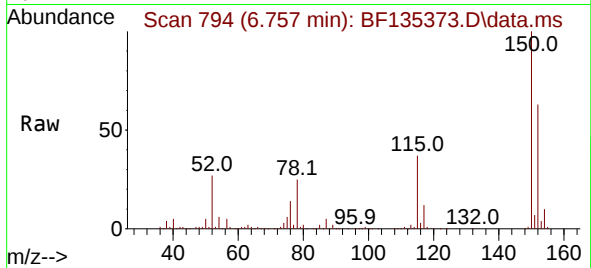
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

Instrument :
BNA_F
ClientSampleId :
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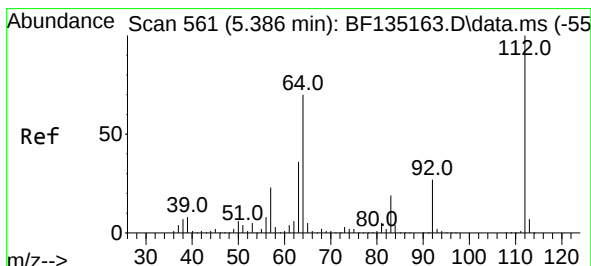
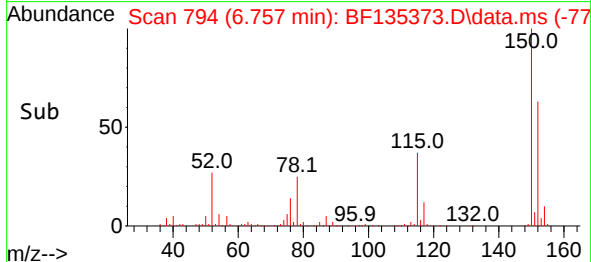
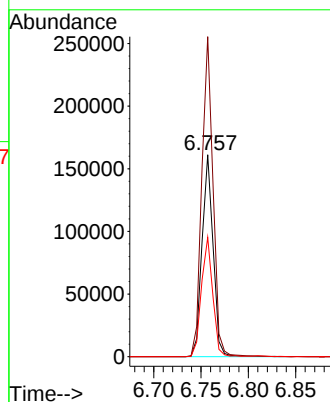
Tgt Ion:152 Resp: 131354
Ion Ratio Lower Upper
152 100
150 158.5 127.8 191.6
115 59.2 49.8 74.8

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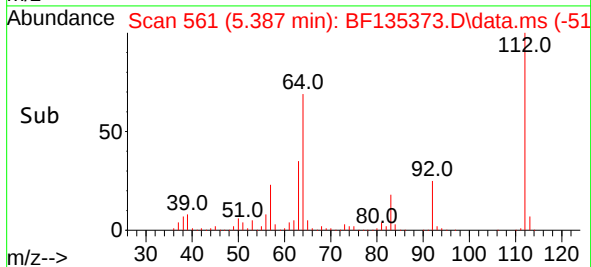
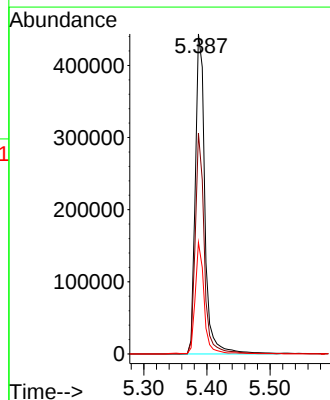
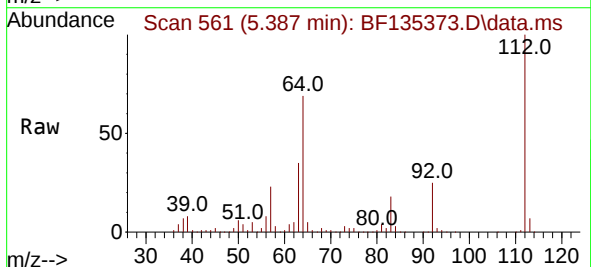
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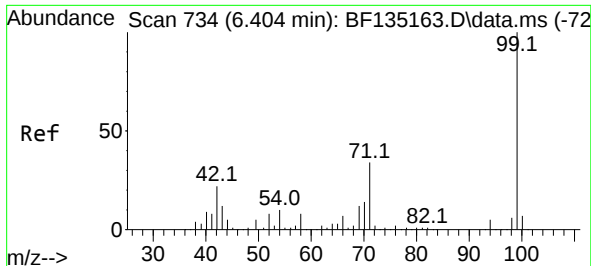
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#5
2-Fluorophenol
Concen: 57.725 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

Tgt Ion:112 Resp: 466197
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 34.9 29.0 43.6





#7

Phenol-d6

Concen: 34.834 ng

RT: 6.398 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135373.D

Acq: 21 Sep 2023 11:26

Instrument :

BNA_F

ClientSampleId :

H-2313-WATER

Tgt Ion: 99 Resp: 357724

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.9	26.9
71	29.6	27.0	40.6

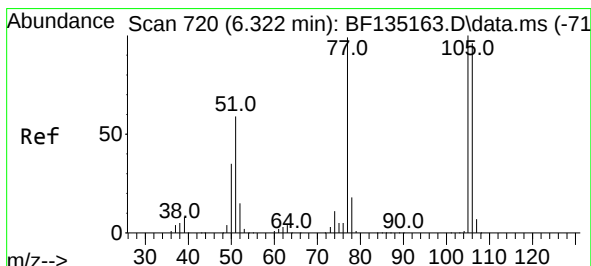
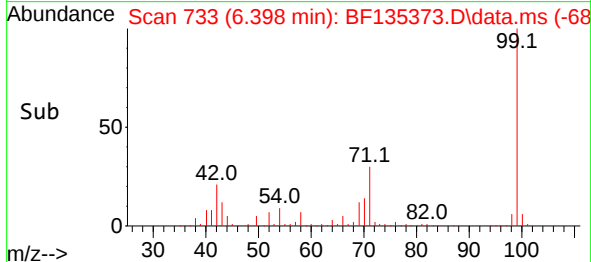
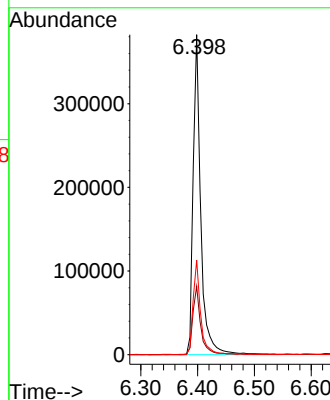
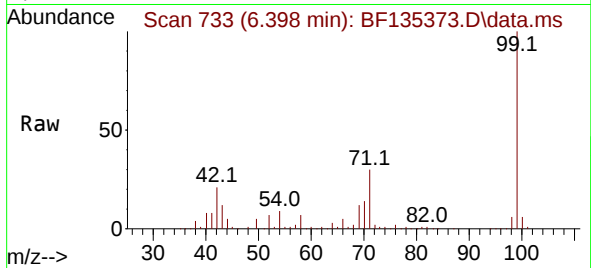
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#9

Benzaldehyde

Concen: 2.260 ng

RT: 6.316 min Scan# 719

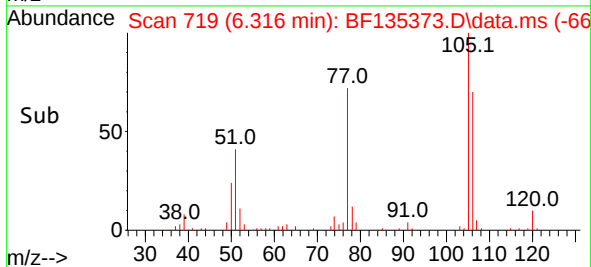
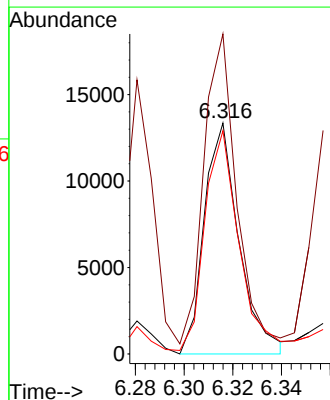
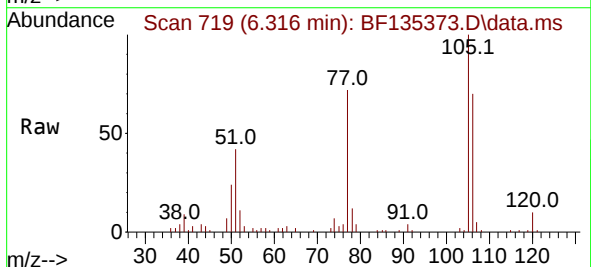
Delta R.T. -0.006 min

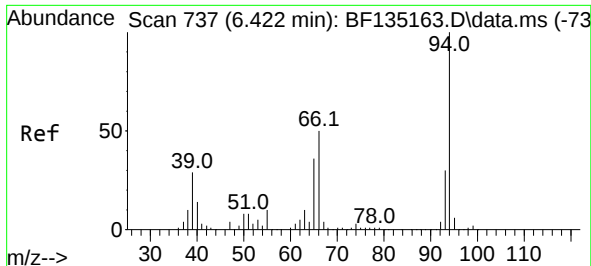
Lab File: BF135373.D

Acq: 21 Sep 2023 11:26

Tgt Ion: 77 Resp: 13222

Ion	Ratio	Lower	Upper
77	100		
105	138.6	81.4	121.4#
106	96.7	76.9	116.9





#10

Phenol

Concen: 2.070 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135373.D

Acq: 21 Sep 2023 11:26

Instrument :

BNA_F

ClientSampleId :

H-2313-WATER

Tgt Ion:	94	Resp:	23304
Ion Ratio	Lower	Upper	
94	100		
65	31.6	15.9	55.9
66	49.2	29.8	69.8

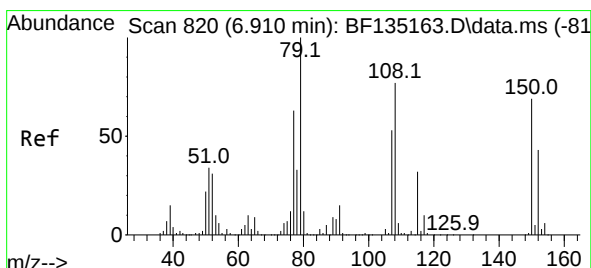
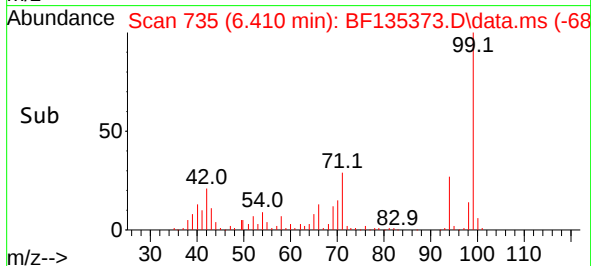
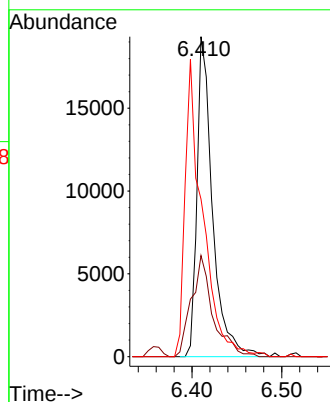
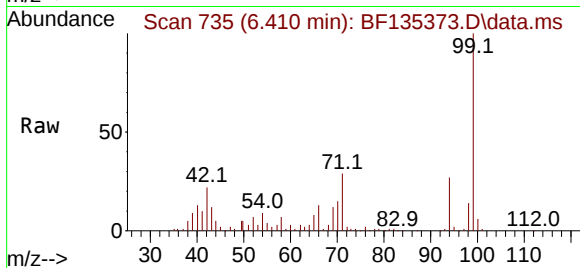
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ahmed

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#15

Benzyl Alcohol

Concen: 6.282 ng m

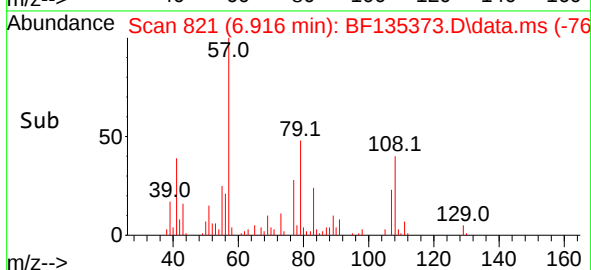
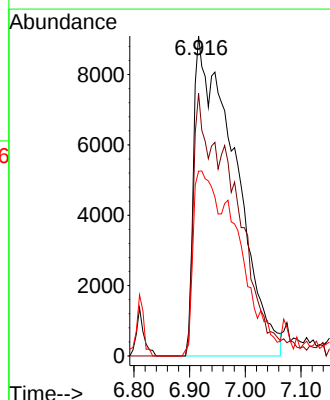
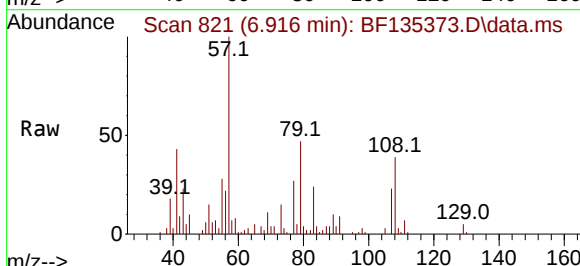
RT: 6.916 min Scan# 821

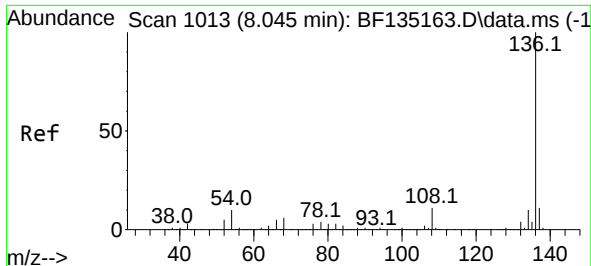
Delta R.T. 0.006 min

Lab File: BF135373.D

Acq: 21 Sep 2023 11:26

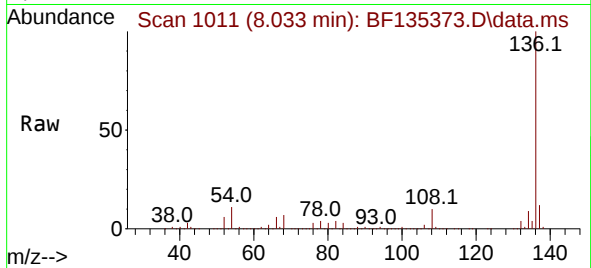
Tgt Ion:	79	Resp:	46291
Ion Ratio	Lower	Upper	
79	100		
108	82.0	61.2	91.8
77	57.7	50.5	75.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

Instrument :
BNA_F
ClientSampleId :
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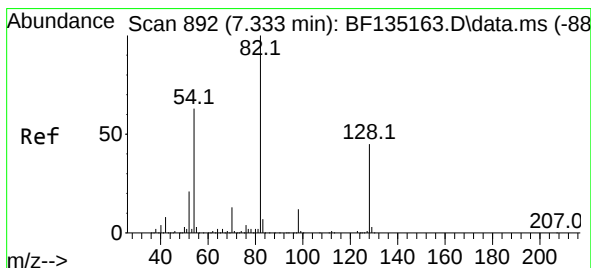
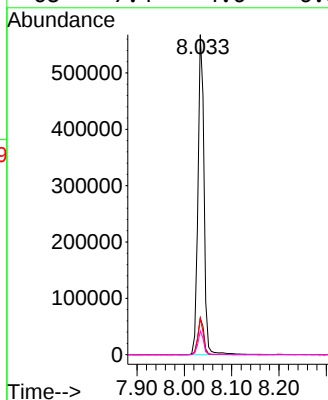
Tgt Ion:136 Resp: 505590
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 11.3 7.7 11.5
68 7.4 4.6 6.8

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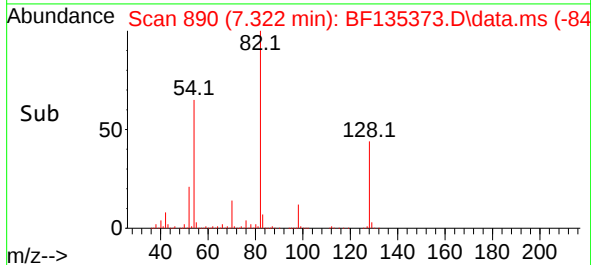
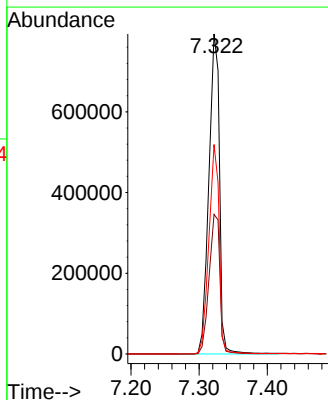
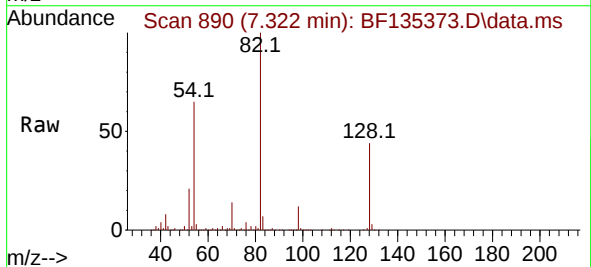
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ahmed

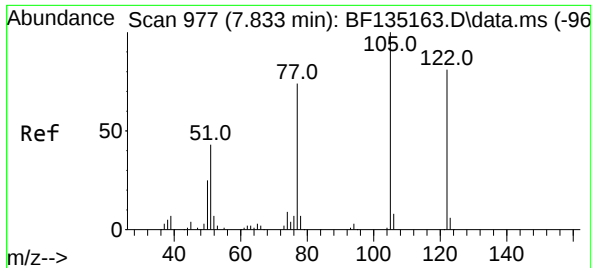
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#23
Nitrobenzene-d5
Concen: 92.352 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

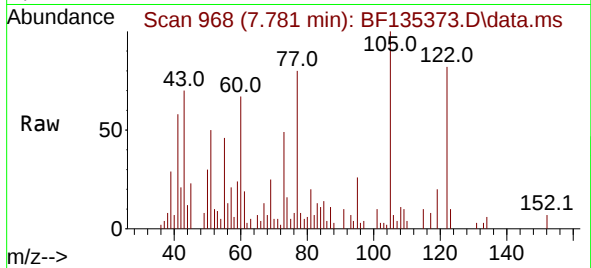
Tgt Ion: 82 Resp: 859428
Ion Ratio Lower Upper
82 100
128 43.6 35.8 53.6
54 65.4 50.6 76.0





#32
Benzoic acid
Concen: 2.192 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.053 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

Instrument :
BNA_F
ClientSampleId :
H-2313-WATER



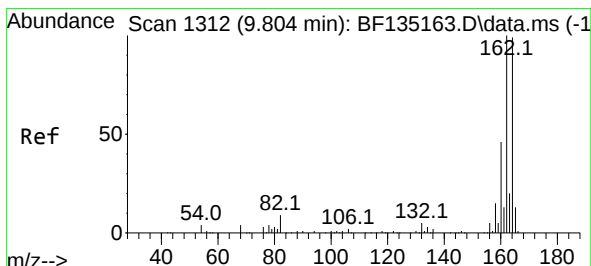
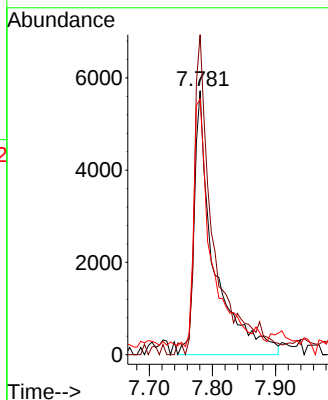
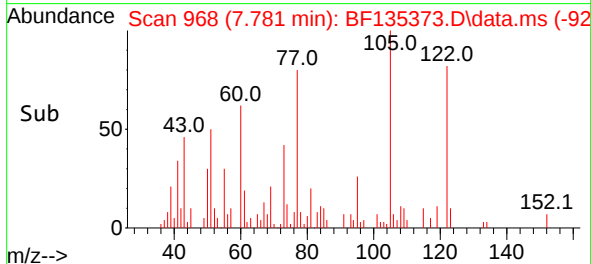
Tgt Ion:122 Resp: 12249
Ion Ratio Lower Upper
122 100
105 121.2 99.9 139.9
77 96.9 70.0 110.0

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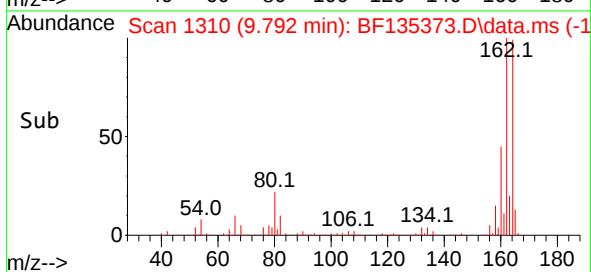
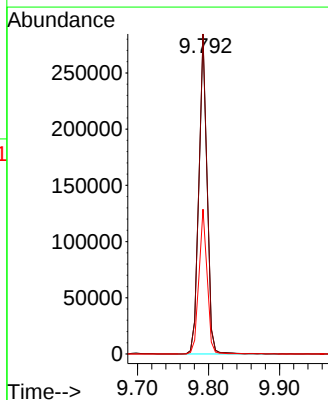
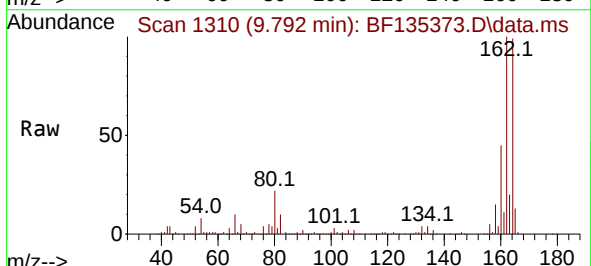
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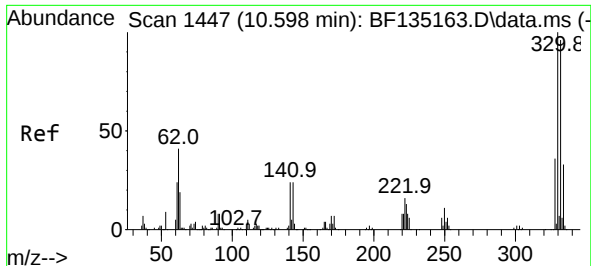
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

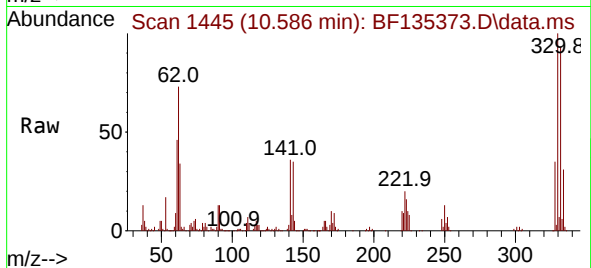
Tgt Ion:164 Resp: 228770
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 45.7 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 108.680 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

Instrument :
BNA_F
ClientSampleId :
H-2313-WATER



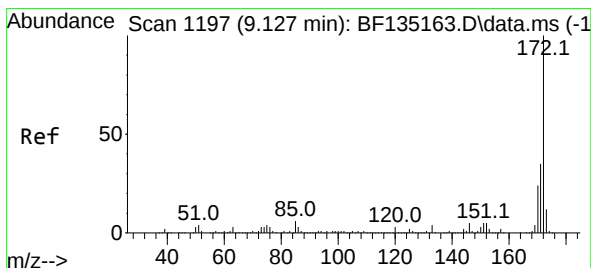
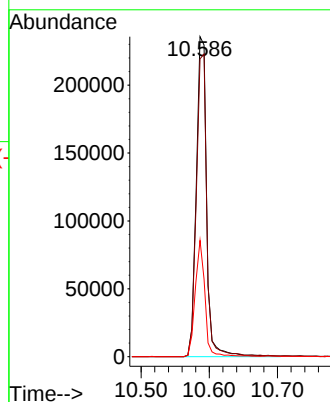
Tgt Ion: 330 Resp: 247070
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 34.1 25.8 38.8

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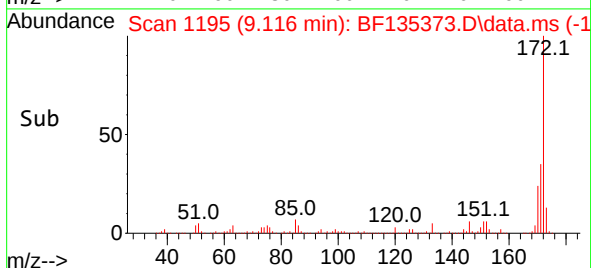
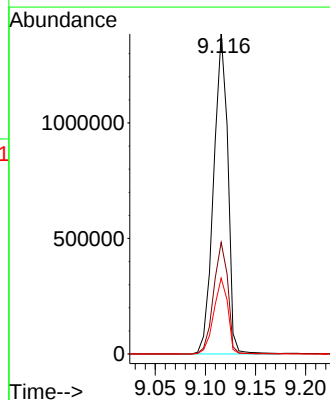
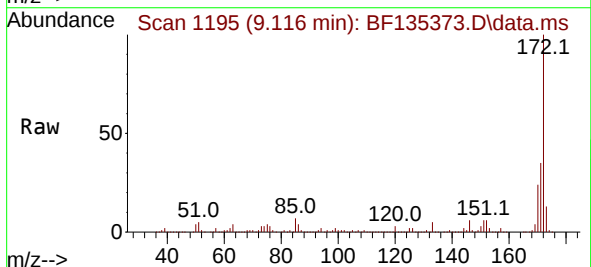
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ahmed

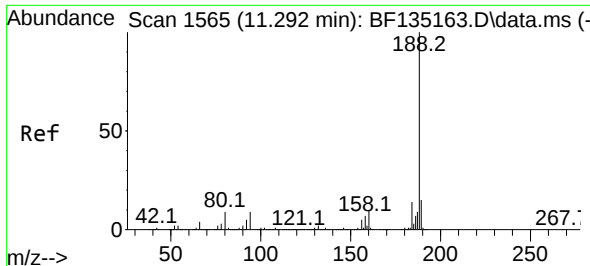
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#45
2-Fluorobiphenyl
Concen: 90.176 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

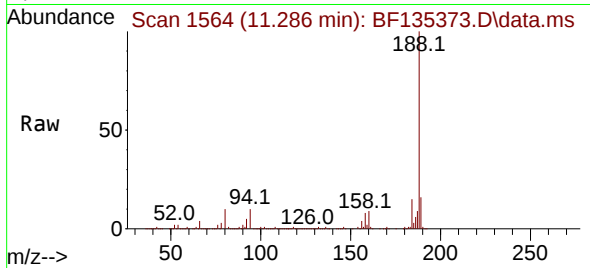
Tgt Ion: 172 Resp: 1367350
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.7 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

Instrument :
BNA_F
ClientSampleId :
H-2313-WATER



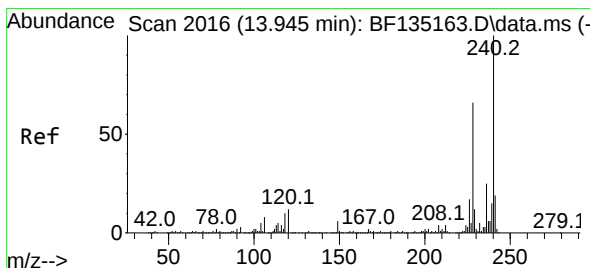
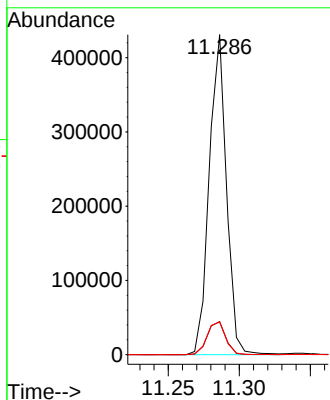
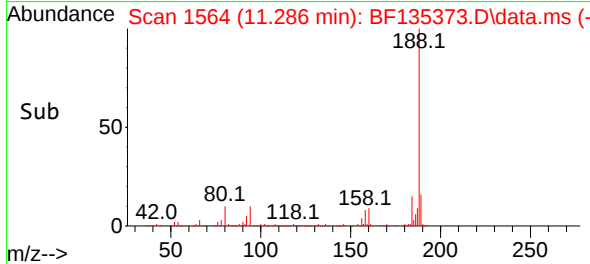
Tgt Ion:188 Resp: 363230
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.2 7.5 11.3

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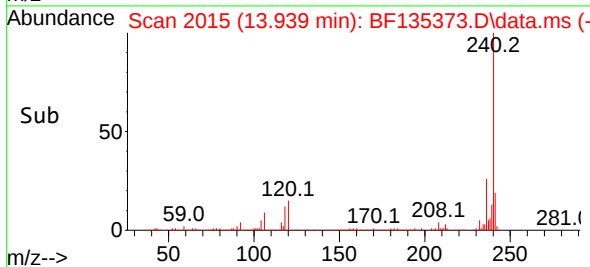
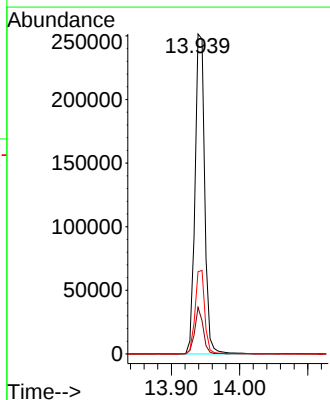
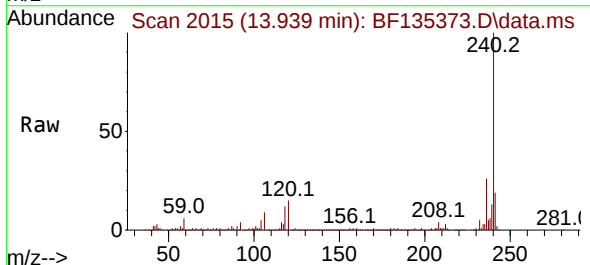
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ahmed

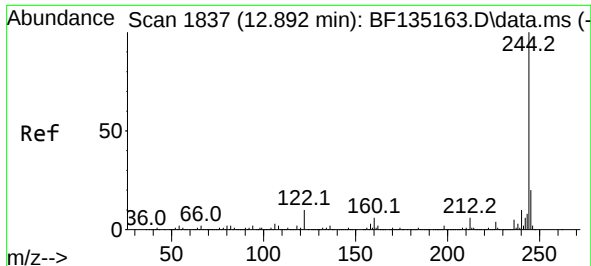
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135373.D
Acq: 21 Sep 2023 11:26

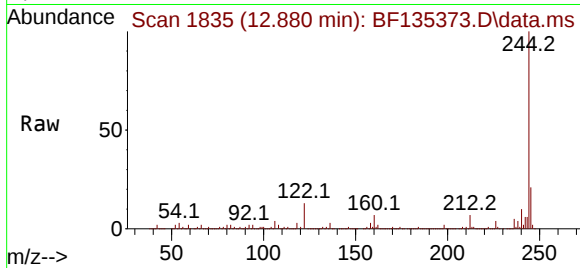
Tgt Ion:240 Resp: 248091
Ion Ratio Lower Upper
240 100
120 14.6 9.4 14.2#
236 25.7 19.8 29.8





#79
 Terphenyl-d14
 Concen: 56.493 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135373.D
 Acq: 21 Sep 2023 11:26

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-WATER



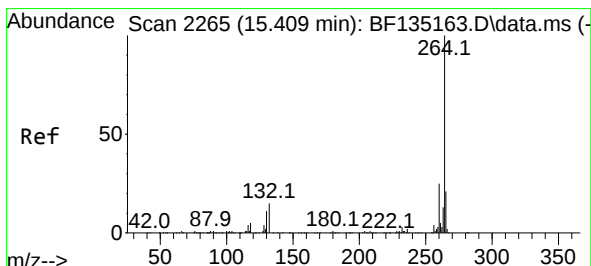
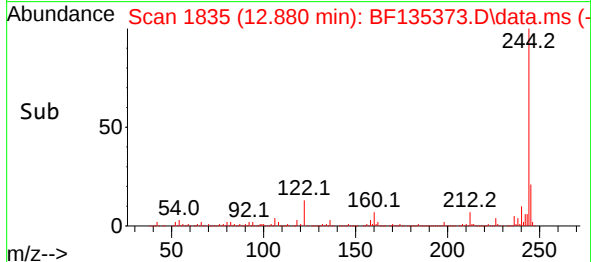
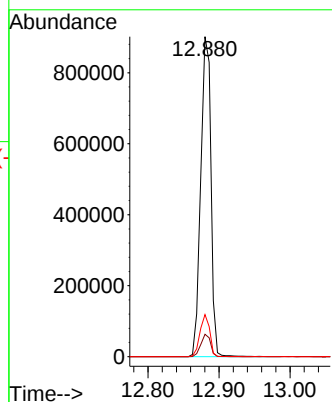
Tgt Ion:244 Resp: 904109
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 13.2 7.9 11.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/22/2023
 Supervised By :mohammad
 ahmed

09/27/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135373.D
 Acq: 21 Sep 2023 11:26

Tgt Ion:264 Resp: 250455
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.2 17.0 25.4

