

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133016.D
 Acq On : 25 Apr 2023 01:56
 Operator : CG\JU
 Sample : 02465-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-O

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 05:21:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	141656	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	562387	20.000	ng	#-0.01
39) Acenaphthene-d10	9.857	164	140137m	20.000	ng	0.06
64) Phenanthrene-d10	11.475	188	96430m	20.000	ng	0.21
76) Chrysene-d12	13.963	240	72151	20.000	ng	# 0.05
86) Perylene-d12	15.368	264	167138	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	632445	67.444	ng	-0.01
7) Phenol-d6	6.381	99	871015	74.834	ng	0.00
23) Nitrobenzene-d5	7.304	82	484663	46.517	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	77472m	54.970	ng	0.11
45) 2-Fluorobiphenyl	9.116	172	1007943	120.331	ng	0.00
79) Terphenyl-d14	13.039	244	217147	51.906	ng	0.18

Target Compounds Qvalue

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

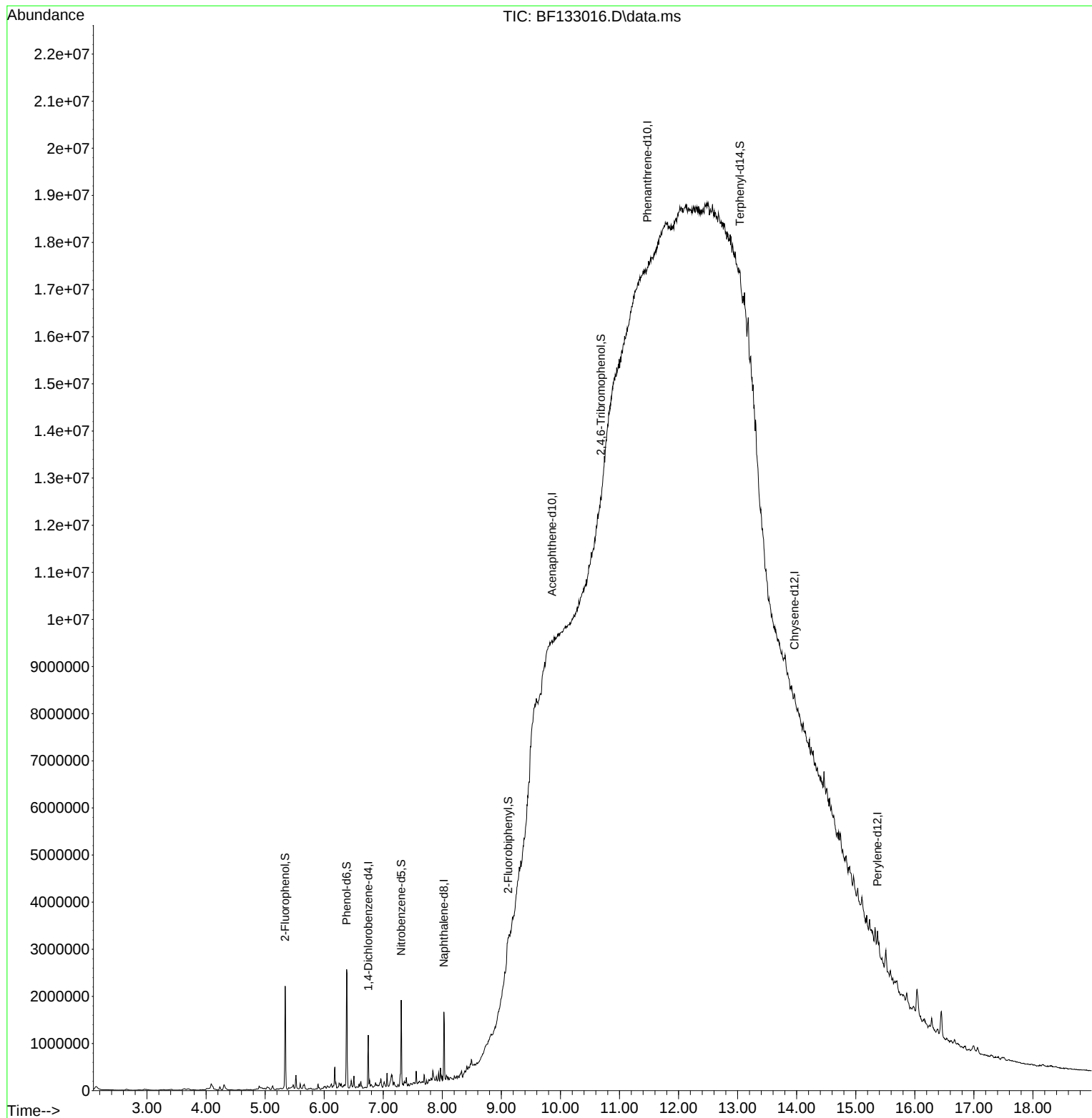
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF133016.D
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ALS Vial : 18 Sample Multiplier: 1

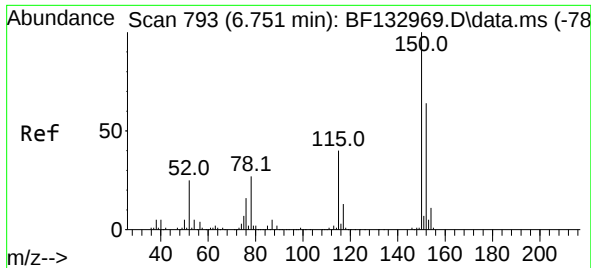
Instrument :
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ClientSampleId :
CONCRETE-O

Quant Time: Apr 25 05:21:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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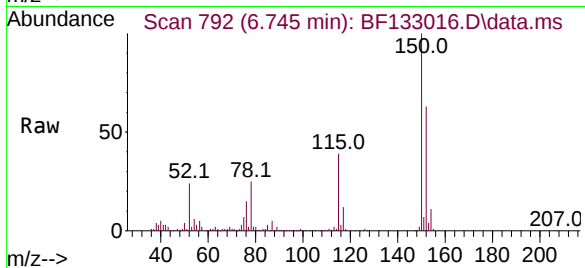
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

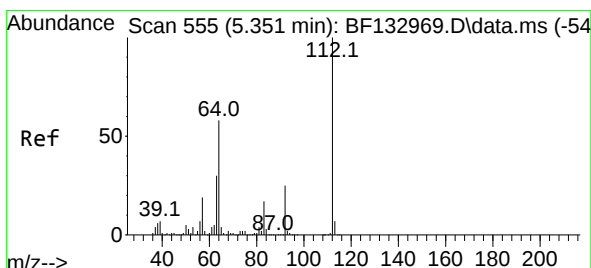
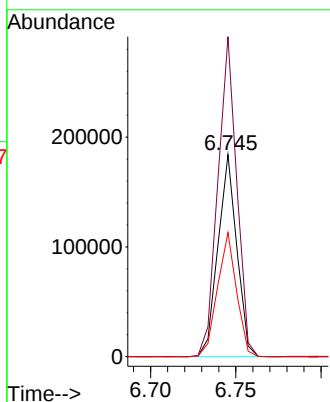
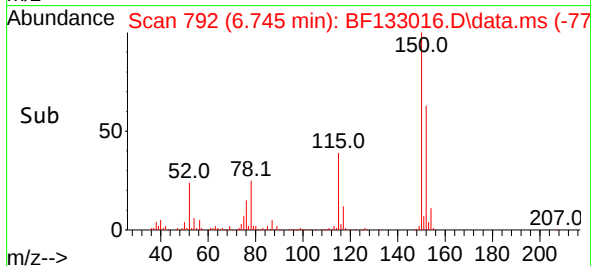
Instrument :
BNA_F
ClientSampleId :
CONCRETE-O



Tgt Ion:152 Resp: 141650
Ion Ratio Lower Upper
152 100
150 158.3 124.8 187.2
115 61.4 49.9 74.9

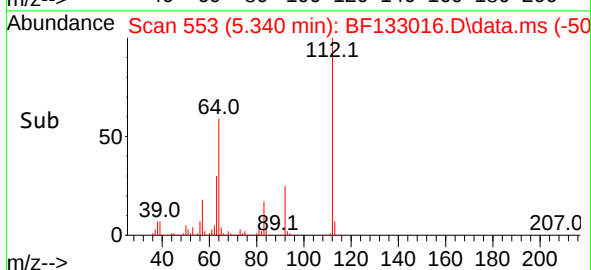
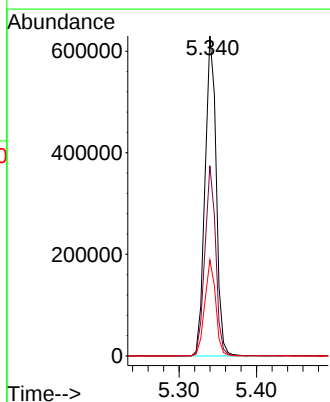
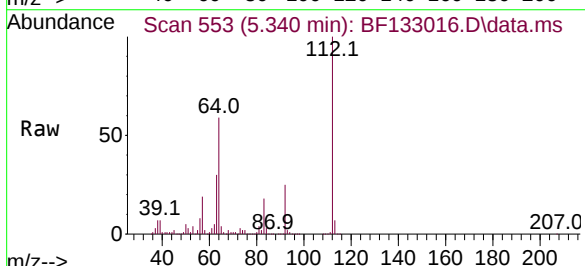
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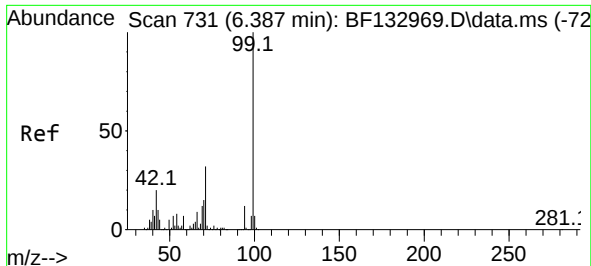
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#5
2-Fluorophenol
Concen: 67.444 ng
RT: 5.340 min Scan# 553
Delta R.T. -0.012 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

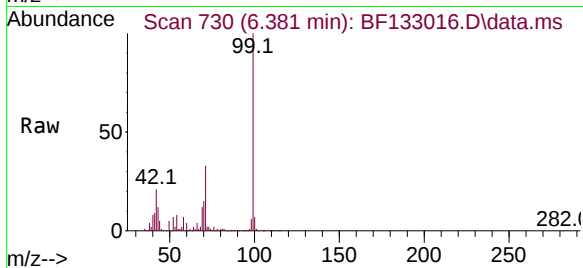
Tgt Ion:112 Resp: 632445
Ion Ratio Lower Upper
112 100
64 59.4 46.8 70.2
63 30.0 23.8 35.8





#7
Phenol-d6
Concen: 74.834 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

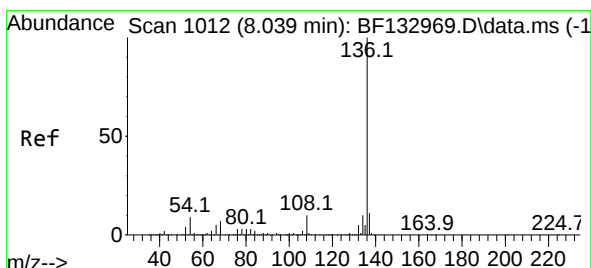
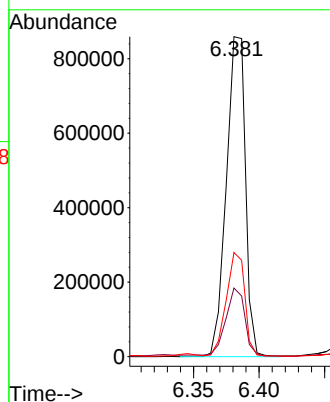
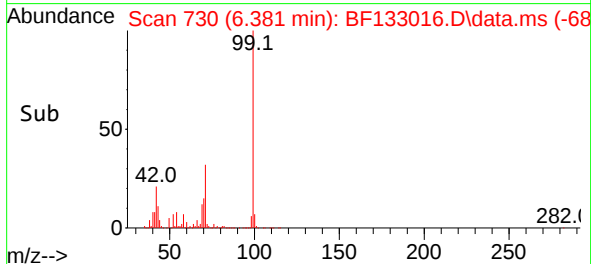
Instrument :
BNA_F
ClientSampleId :
CONCRETE-O



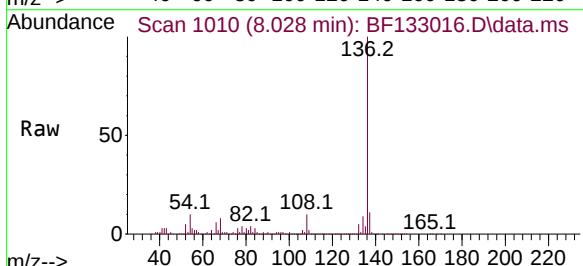
Tgt Ion: 99 Resp: 871015
Ion Ratio Lower Upper
99 100
42 21.5 16.3 24.5
71 32.5 25.6 38.4

Manual Integrations
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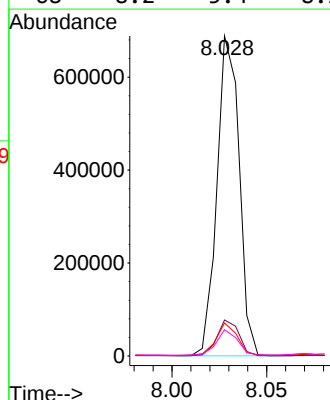
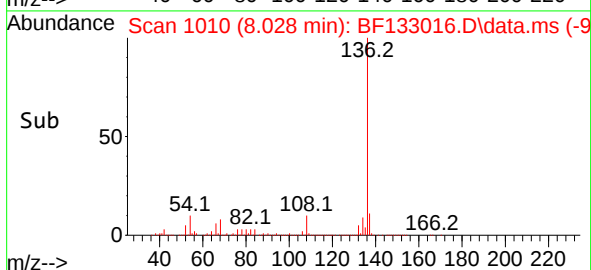
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

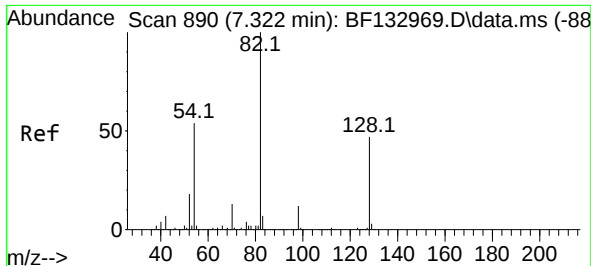


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56



Tgt Ion:136 Resp: 562387
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.3 7.0 10.4
68 8.2 5.4 8.2#





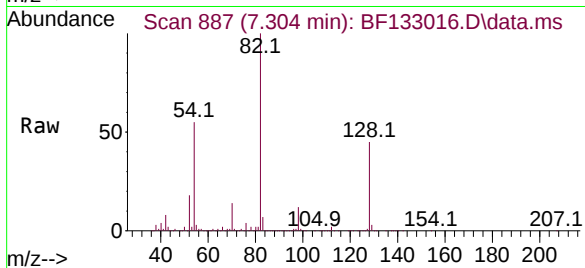
#23
Nitrobenzene-d5
Concen: 46.517 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-O

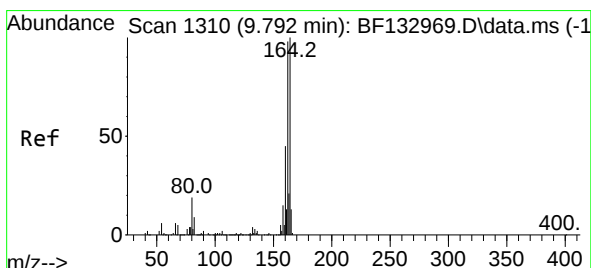
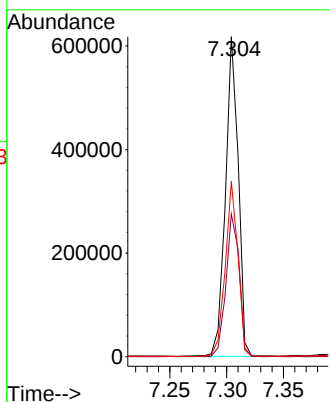
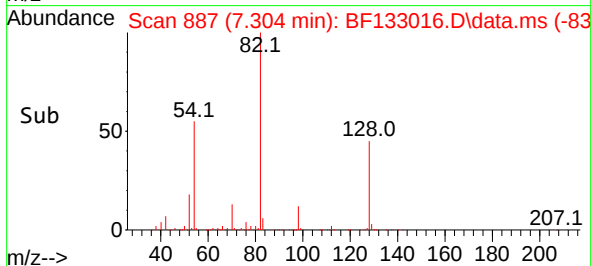


Tgt Ion: 82 Resp: 48466
Ion Ratio Lower Upper
82 100
128 44.6 37.7 56.5
54 54.7 43.0 64.4

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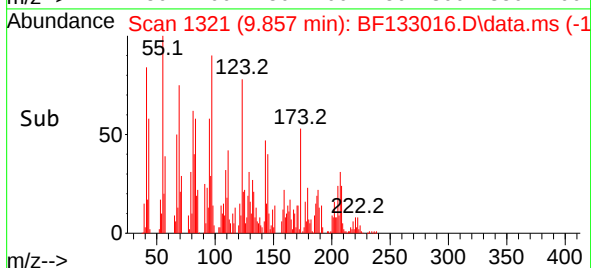
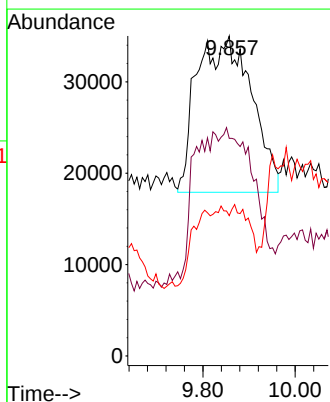
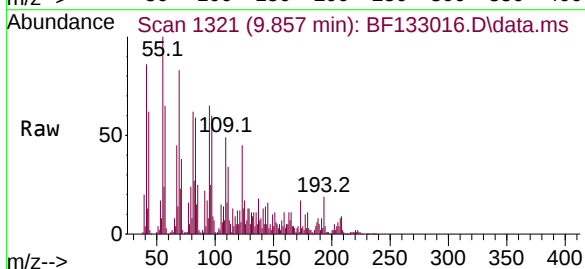
APPROVED

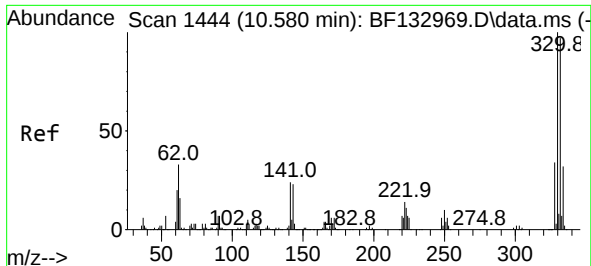
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.857 min Scan# 1321
Delta R.T. 0.065 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

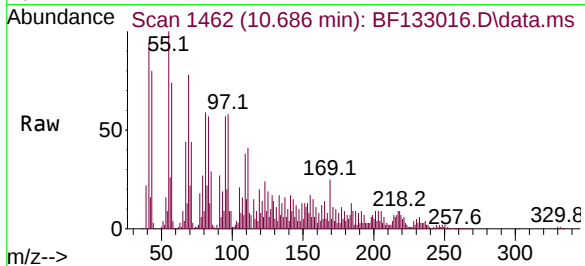
Tgt Ion:164 Resp: 140137
Ion Ratio Lower Upper
164 100
162 68.0 78.7 118.1#
160 43.9 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 54.970 ng m
RT: 10.686 min Scan# 1444
Delta R.T. 0.106 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

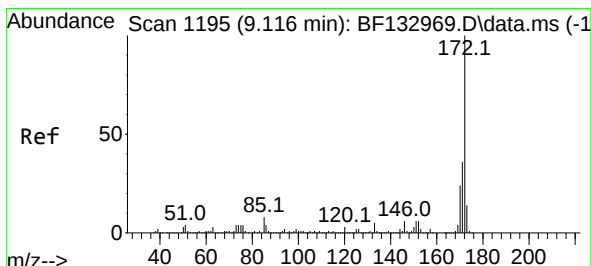
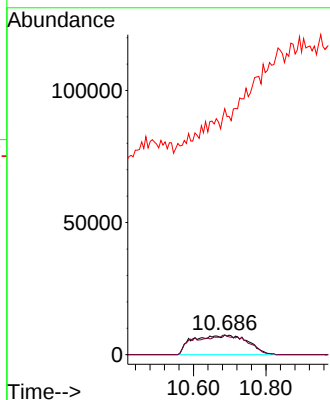
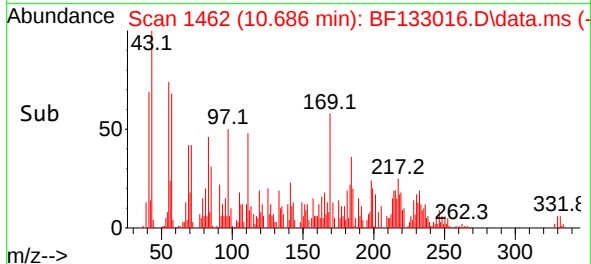
Instrument :
BNA_F
ClientSampleId :
CONCRETE-O



Tgt Ion:330 Resp: 77472
Ion Ratio Lower Upper
330 100
332 20.7 77.1 115.7
141 0.0 25.8 38.8

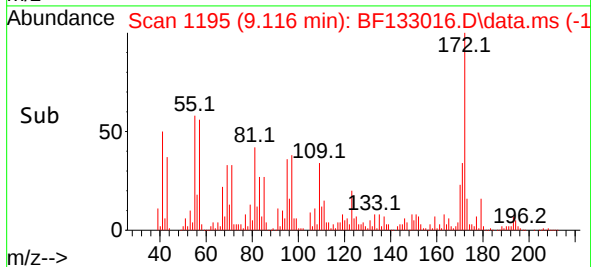
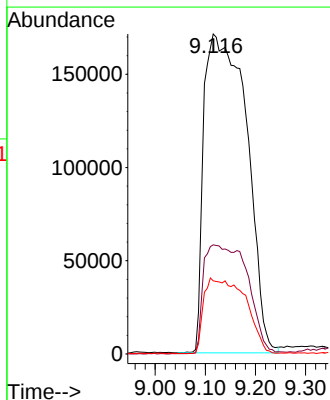
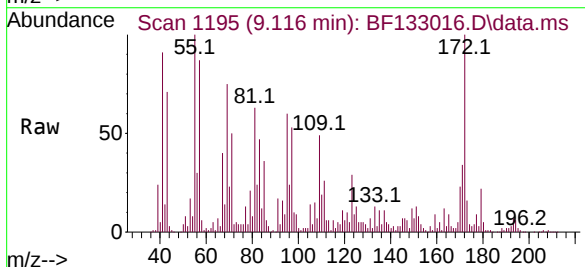
Manual Integrations
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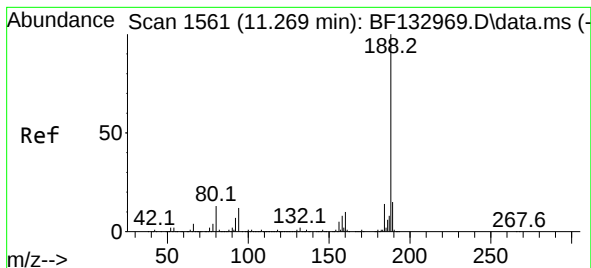
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#45
2-Fluorobiphenyl
Concen: 120.331 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

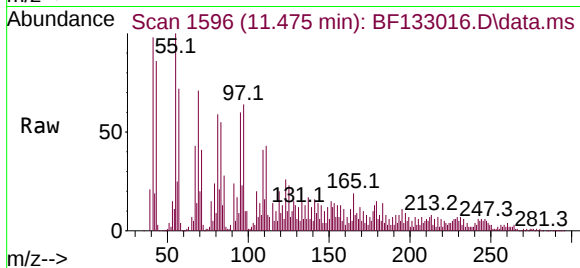
Tgt Ion:172 Resp: 1007943
Ion Ratio Lower Upper
172 100
171 34.1 28.8 43.2
170 22.8 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.475 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

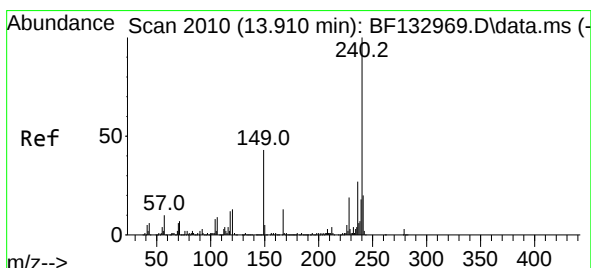
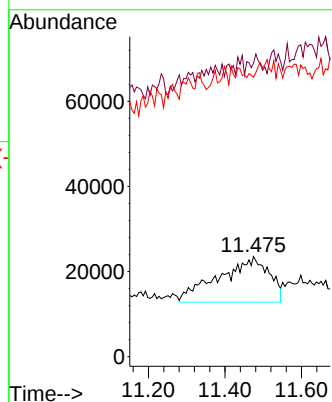
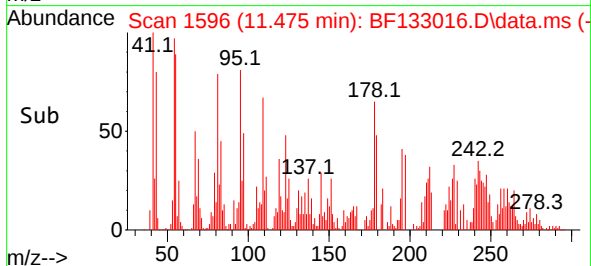
Instrument :
BNA_F
ClientSampleId :
CONCRETE-O



Tgt Ion:188 Resp: 96430
Ion Ratio Lower Upper
188 100
94 293.1 9.7 14.5#
80 279.0 10.4 15.6#

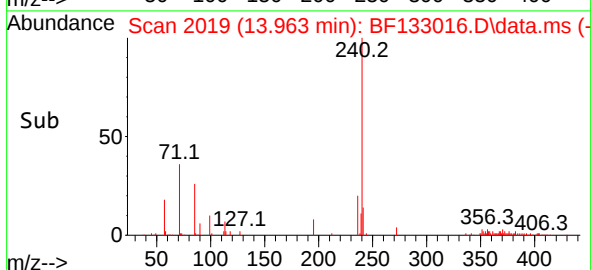
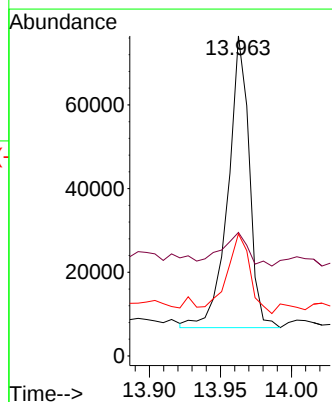
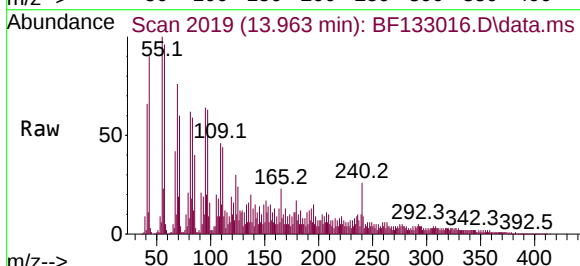
Manual Integrations
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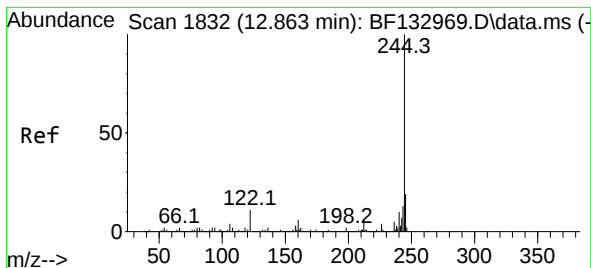
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.053 min
Lab File: BF133016.D
Acq: 25 Apr 2023 01:56

Tgt Ion:240 Resp: 72151
Ion Ratio Lower Upper
240 100
120 38.6 10.5 15.7#
236 38.2 21.5 32.3#





#79

Terphenyl-d14

Concen: 51.906 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.177 min

Lab File: BF133016.D

Acq: 25 Apr 2023 01:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-O

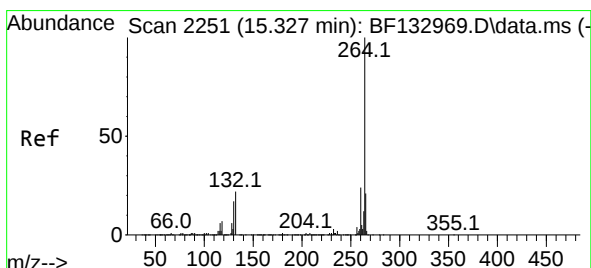
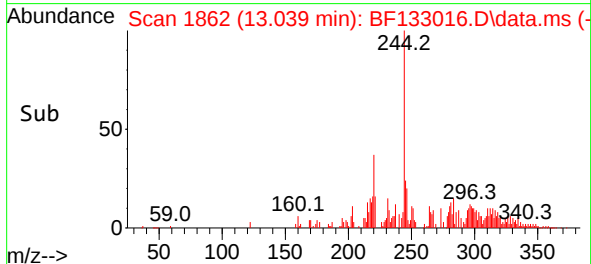
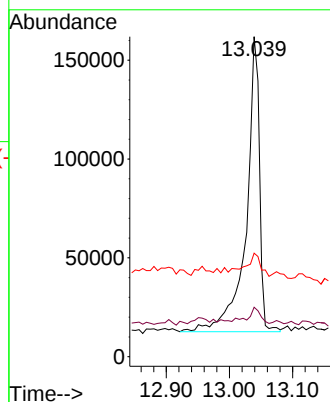
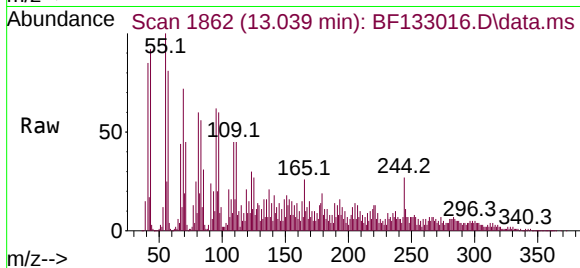
Tgt Ion:244 Resp: 21714

Ion	Ratio	Lower	Upper
244	100		
212	15.5	5.1	7.7
122	32.3	8.6	13.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.041 min

Lab File: BF133016.D

Acq: 25 Apr 2023 01:56

Tgt Ion:264 Resp: 167138

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.8	28.2
265	24.3	17.0	25.4

