

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124512.D
 Acq On : 1 Jul 2021 15:27
 Operator : JU/CG
 Sample : M2896-03DL 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-02DL

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:02:04 PM

Quant Time: Jul 01 15:53:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 14:15:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	31162	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	112542	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	65697	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	126795	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	73350	20.000	ng	0.00
86) Perylene-d12	15.280	264	73378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	6.351	99	1590	0.615	ng	0.01
23) Nitrobenzene-d5	7.257	82	1669	0.615	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	950	1.210	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	3155	0.588	ng	0.00
79) Terphenyl-d14	12.786	244	7484	1.528	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.357	94	24426	8.732	ng	89
17) 2-Methylphenol	6.957	107	21741m	12.338	ng	
20) 3+4-Methylphenols	7.116	107	45651	19.848	ng	# 72
27) 2,4-Dimethylphenol	7.634	122	30464	17.328	ng	# 89

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

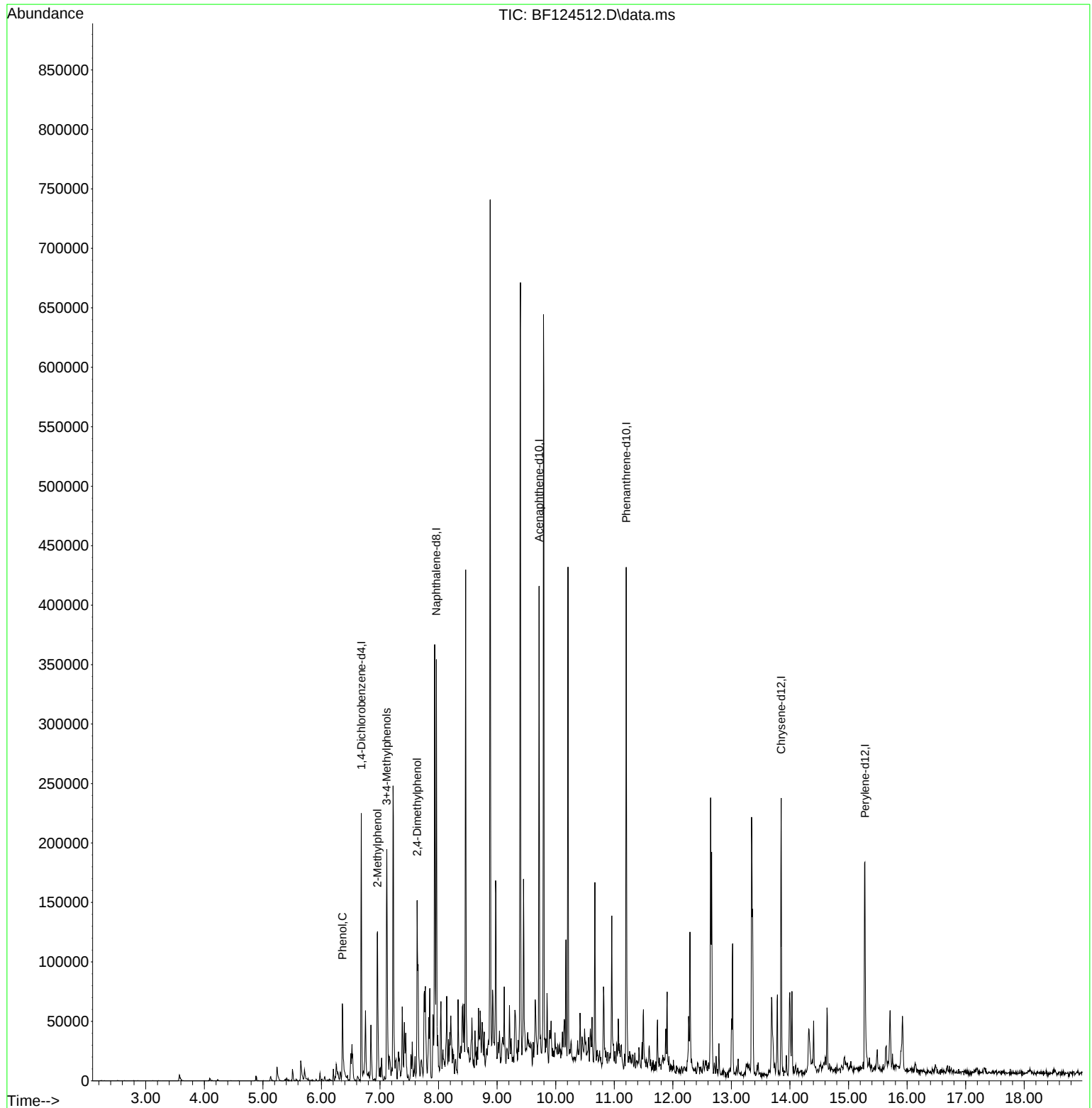
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
Data File : BF124512.D
Acq On : 1 Jul 2021 15:27
Operator : JU/CG
Sample : M2896-03DL 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

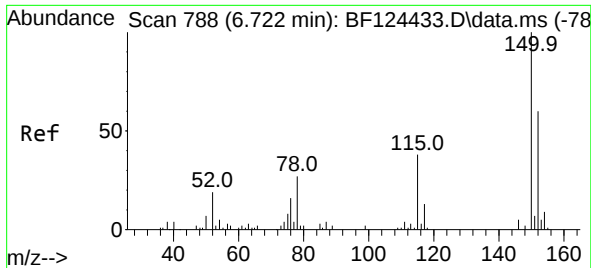
Instrument :
BNA_F
ClientSampleId :
FS-02DL

Manual Integrations
APPROVED

mohammad
7/2/2021 12:02:04 PM

Quant Time: Jul 01 15:53:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 14:15:13 2021
Response via : Initial Calibration





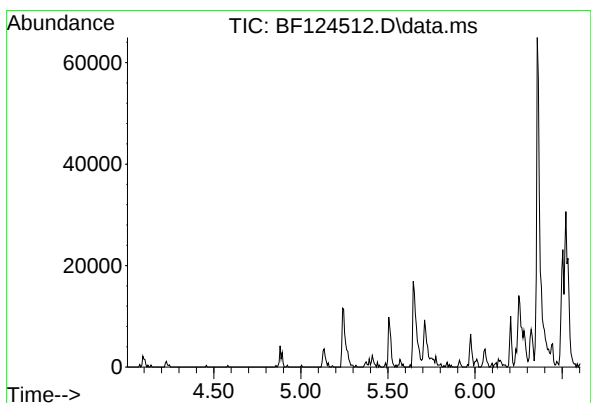
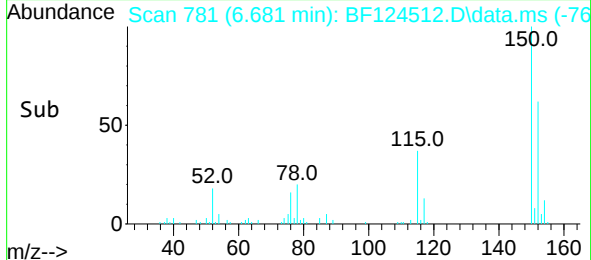
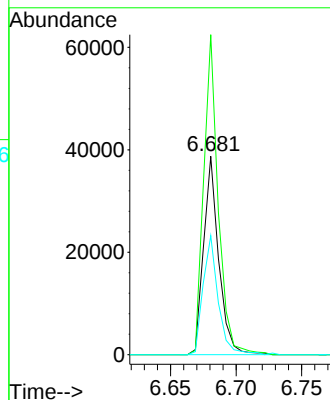
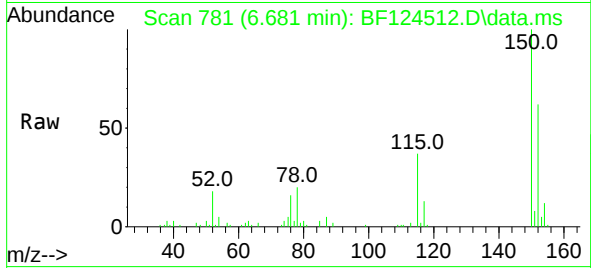
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.3	127.0	190.6
115	60.0	54.3	81.5

Instrument :
BNA_F
ClientSampleId :
FS-02DL

Manual Integrations
APPROVED

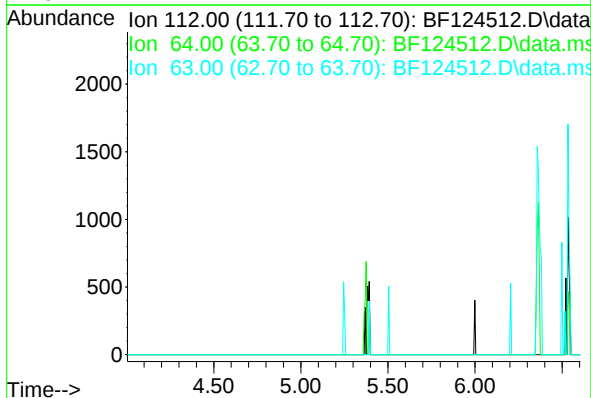
mohammad
7/2/2021 12:02:04 PM

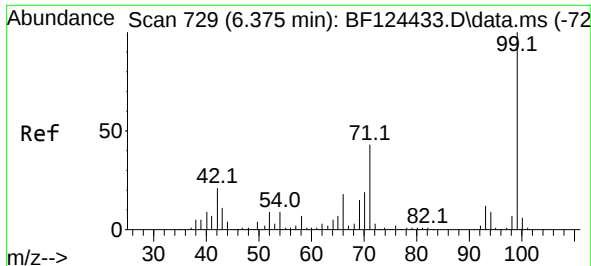


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.30 min

Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

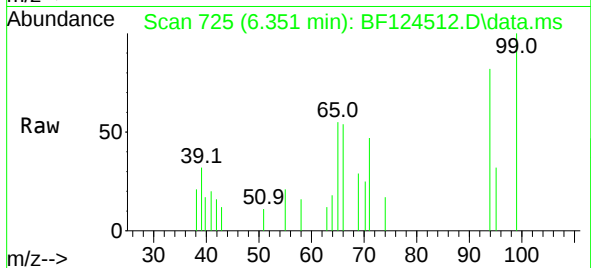
Tgt Ion	Sig	Exp Ratio
112	100	
64	76.7	
63	41.2	





#7
Phenol-d6
Concen: 0.615 ng
RT: 6.351 min Scan# 725
Delta R.T. 0.012 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

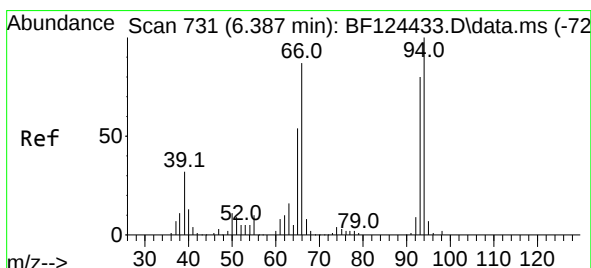
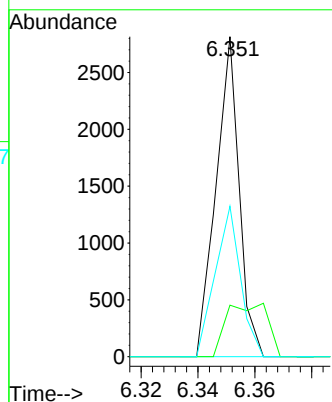
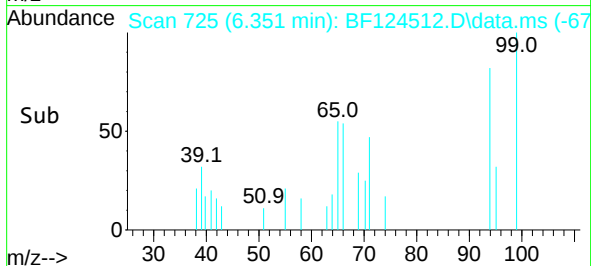
Instrument :
BNA_F
ClientSampleId :
FS-02DL



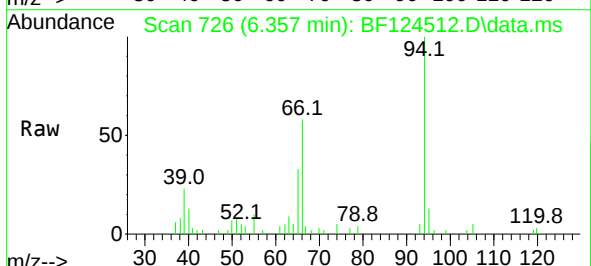
Tgt Ion: 99 Resp: 1590
Ion Ratio Lower Upper
99 100
42 16.1 19.8 29.8#
71 47.0 31.1 46.7#

Manual Integrations
APPROVED

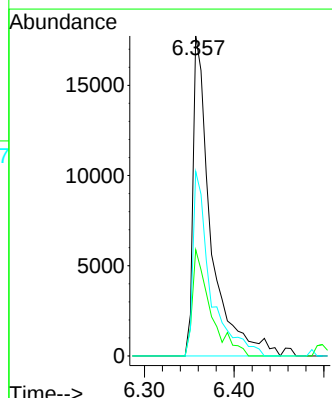
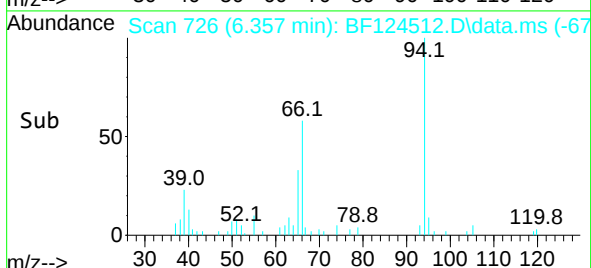
mohammad
7/2/2021 12:02:04 PM

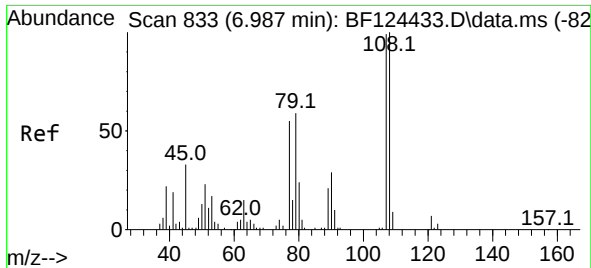


#10
Phenol
Concen: 8.732 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27



Tgt Ion: 94 Resp: 24426
Ion Ratio Lower Upper
94 100
65 33.2 18.1 58.1
66 57.7 29.0 69.0





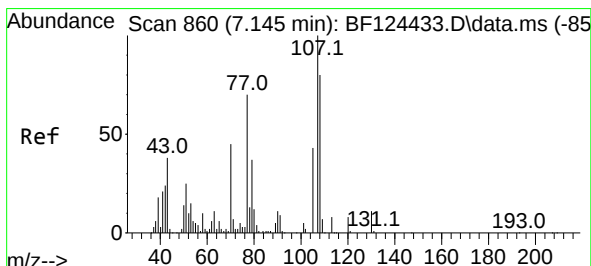
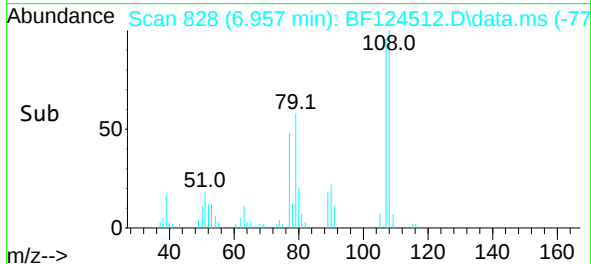
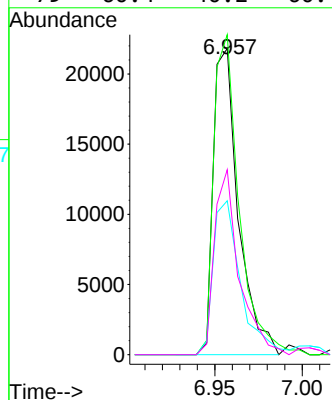
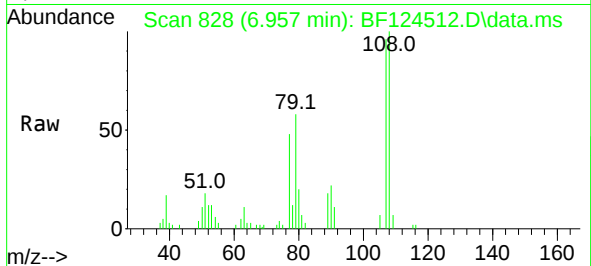
#17
2-Methylphenol
Concen: 12.338 ng m
RT: 6.957 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	104.5	89.8	134.8
77	50.3	40.9	61.3
79	60.4	40.2	60.4#

Instrument :
BNA_F
ClientSampleId :
FS-02DL

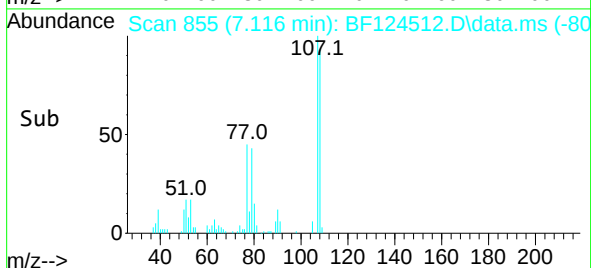
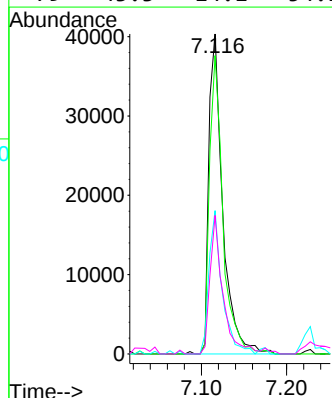
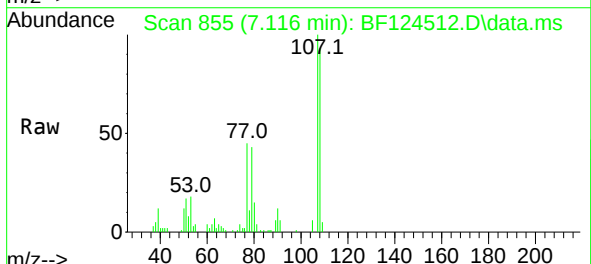
Manual Integrations
APPROVED

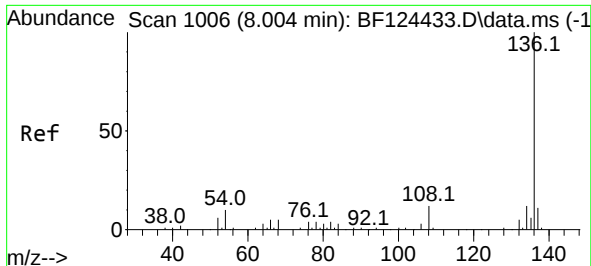
mohammad
7/2/2021 12:02:04 PM



#20
3+4-Methylphenols
Concen: 19.848 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

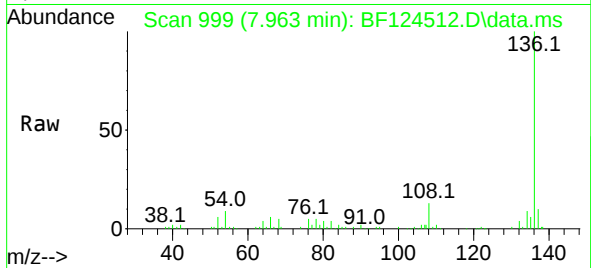
Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	71.5	111.5
77	44.8	82.0	122.0#
79	43.3	14.1	54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

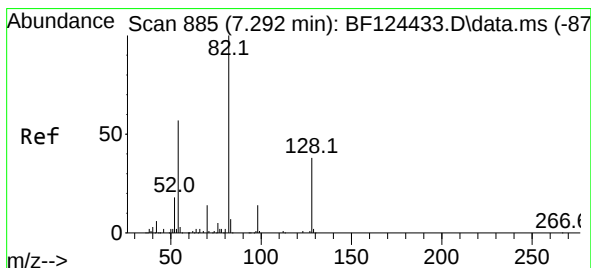
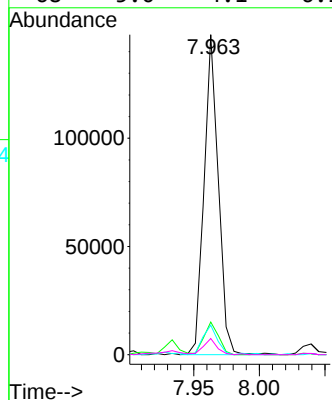
Instrument :
BNA_F
ClientSampleID :
FS-02DL



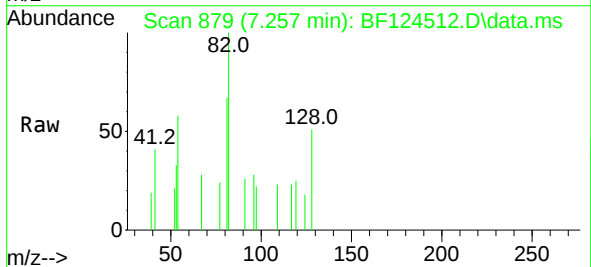
Tgt Ion:136 Resp: 112542
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 9.2 9.8 14.6#
68 5.0 4.1 6.1

Manual Integrations
APPROVED

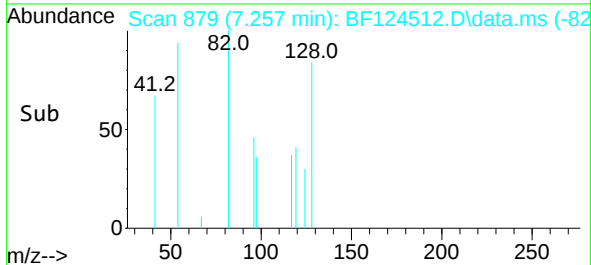
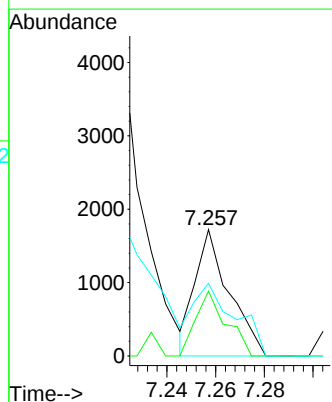
mohammad
7/2/2021 12:02:04 PM

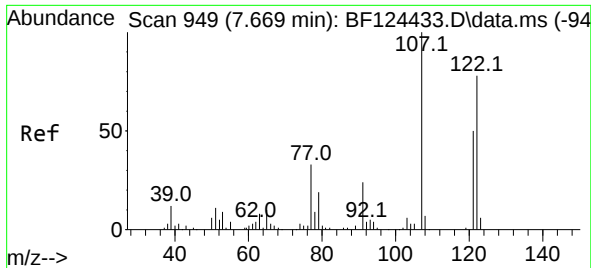


#23
Nitrobenzene-d5
Concen: 0.615 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27



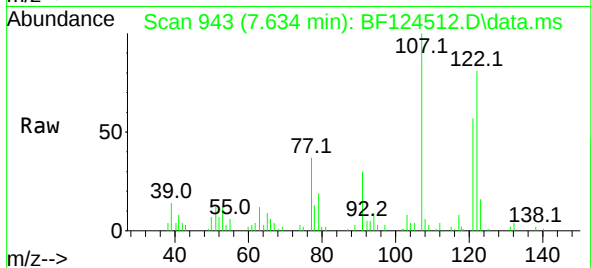
Tgt Ion: 82 Resp: 1669
Ion Ratio Lower Upper
82 100
128 51.3 29.4 44.2#
54 57.5 54.1 81.1





#27
2,4-Dimethylphenol
Concen: 17.328 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

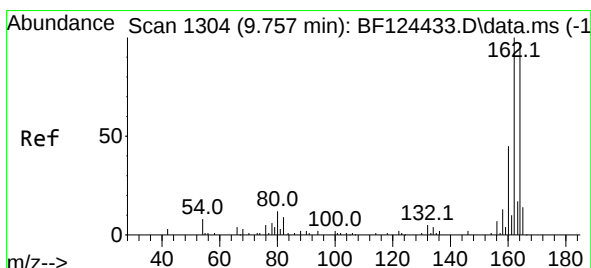
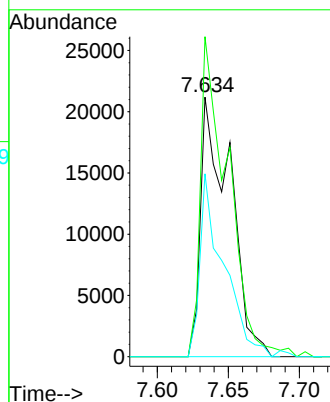
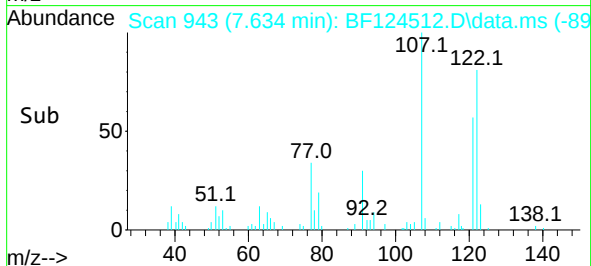
Instrument :
BNA_F
ClientSampleId :
FS-02DL



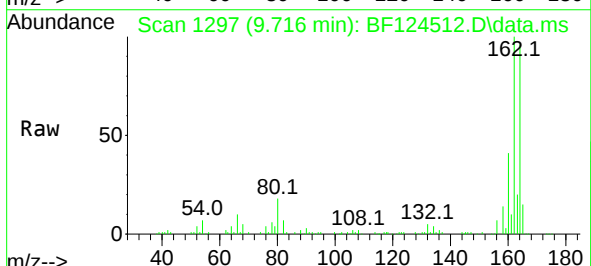
Tgt Ion:122 Resp: 30464
Ion Ratio Lower Upper
122 100
107 123.3 106.3 159.5
121 70.5 45.4 68.0#

Manual Integrations
APPROVED

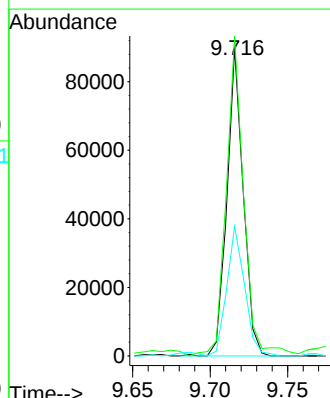
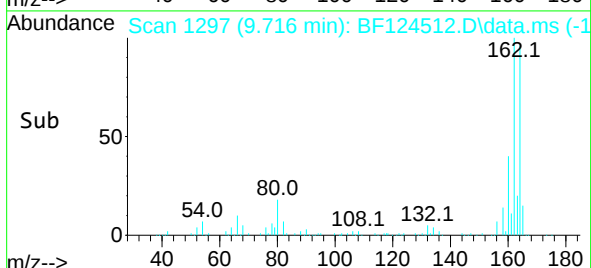
mohammad
7/2/2021 12:02:04 PM

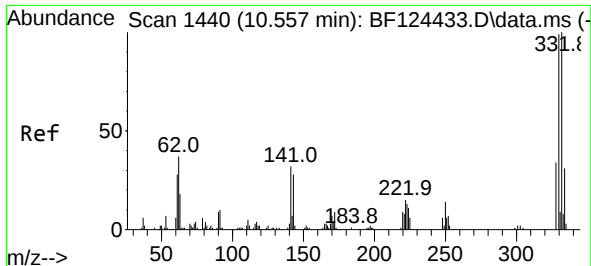


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27



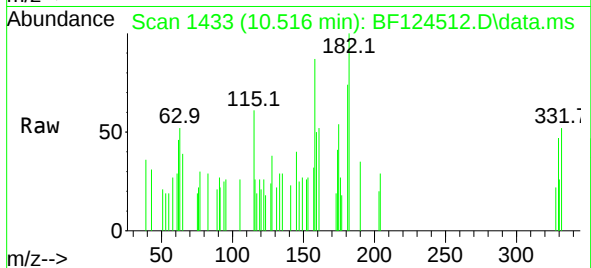
Tgt Ion:164 Resp: 65697
Ion Ratio Lower Upper
164 100
162 104.0 80.7 121.1
160 42.2 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 1.210 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

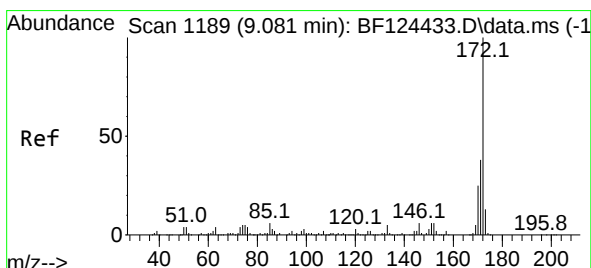
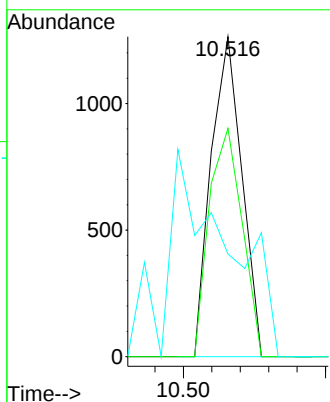
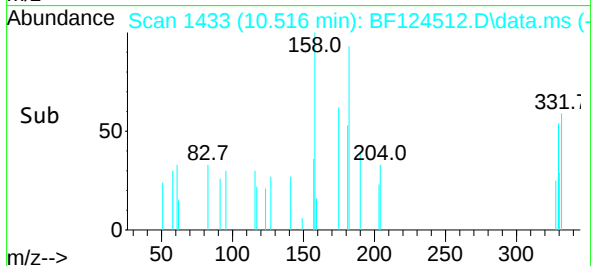
Instrument :
BNA_F
ClientSampleId :
FS-02DL



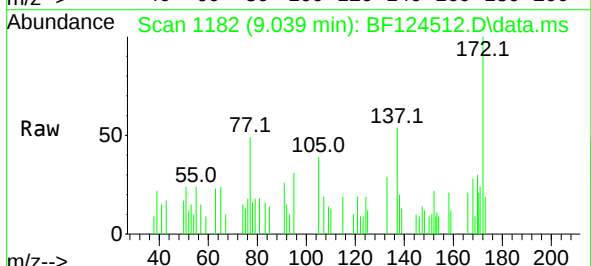
Tgt Ion:330 Resp: 950
Ion Ratio Lower Upper
330 100
332 76.2 77.1 115.7#
141 129.4 27.9 41.9#

Manual Integrations
APPROVED

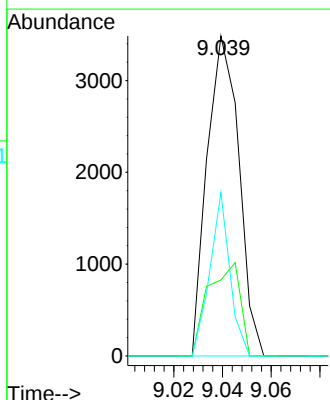
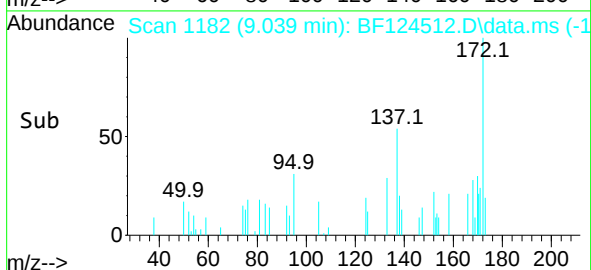
mohammad
7/2/2021 12:02:04 PM

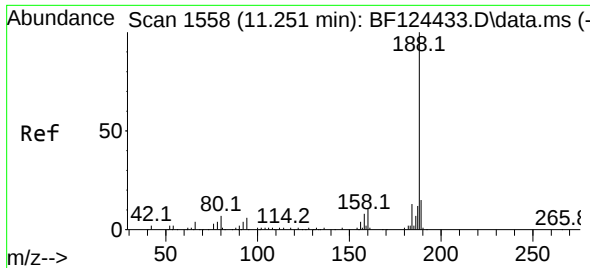


#45
2-Fluorobiphenyl
Concen: 0.588 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27



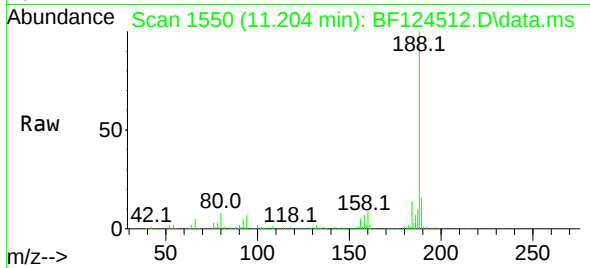
Tgt Ion:172 Resp: 3155
Ion Ratio Lower Upper
172 100
171 23.7 28.1 42.1#
170 51.1 19.2 28.8#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

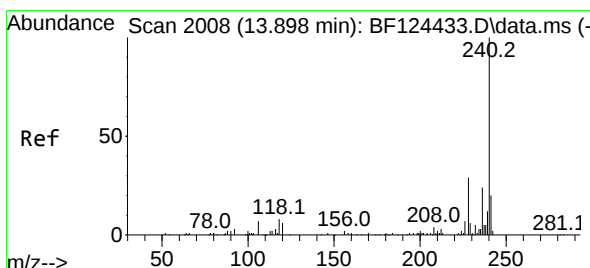
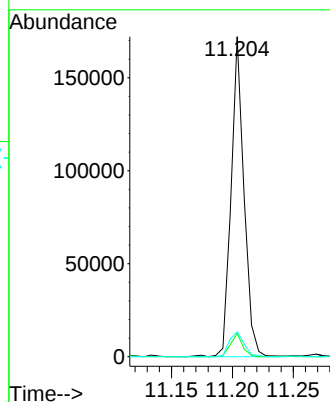
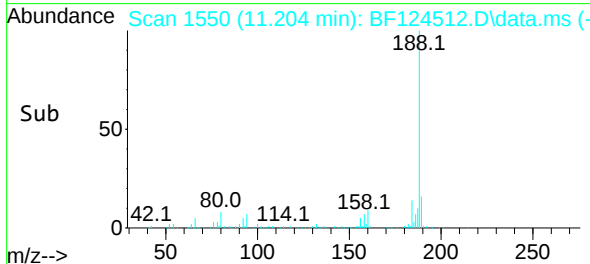
Instrument :
BNA_F
ClientSampleId :
FS-02DL



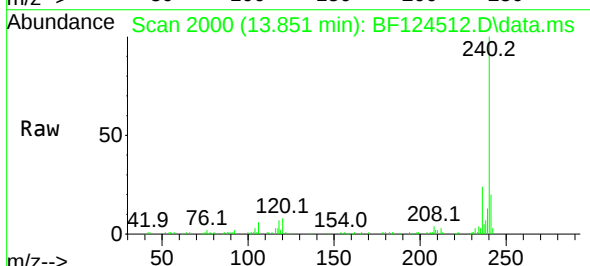
Tgt Ion:188 Resp: 126795
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.8 8.2 12.2#

Manual Integrations
APPROVED

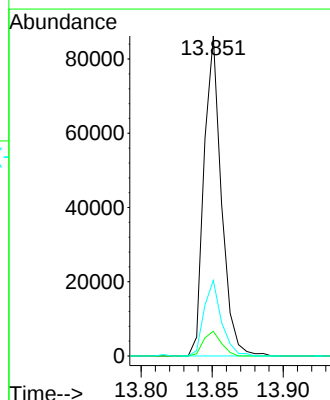
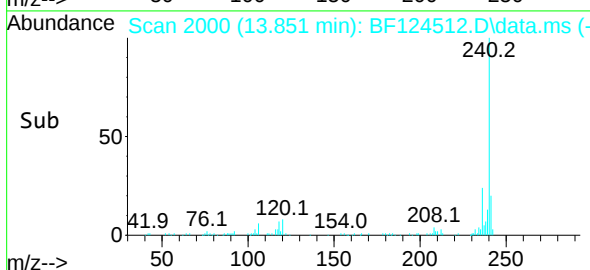
mohammad
7/2/2021 12:02:04 PM

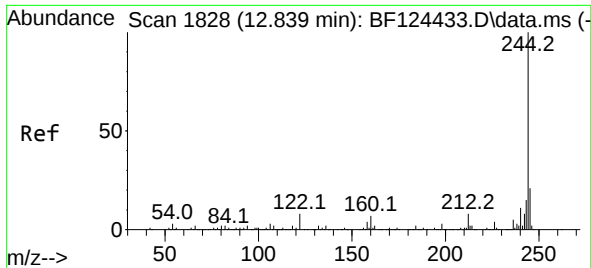


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27



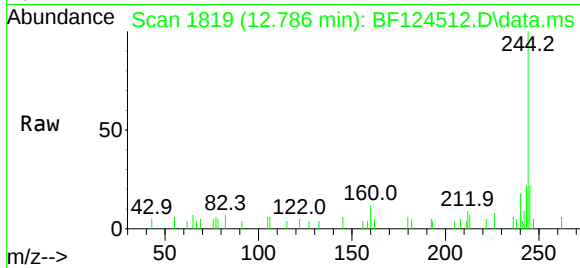
Tgt Ion:240 Resp: 73350
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 23.6 19.0 28.4





#79
Terphenyl-d14
Concen: 1.528 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

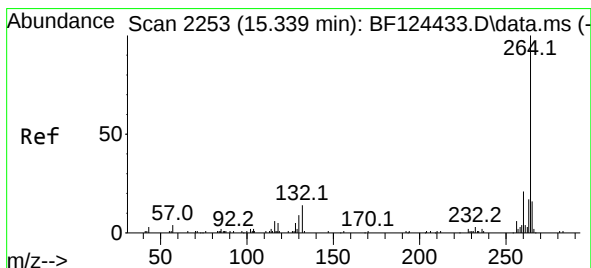
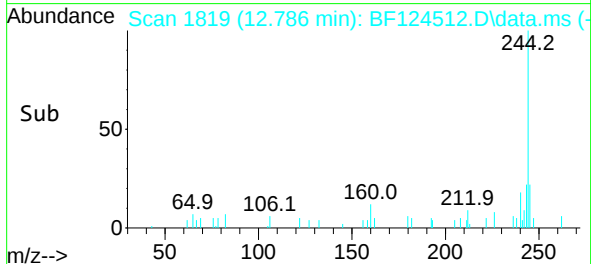
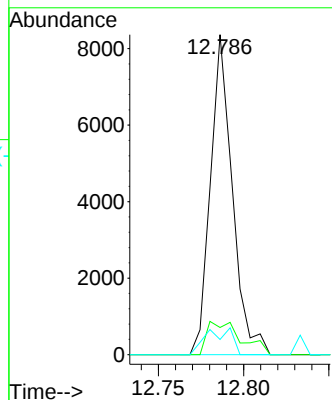
Instrument :
BNA_F
ClientSampleId :
FS-02DL



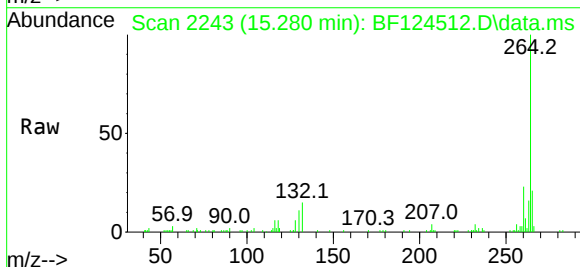
Tgt Ion:244 Resp: 7484
Ion Ratio Lower Upper
244 100
212 8.5 5.7 8.5
122 4.8 9.7 14.5#

Manual Integrations
APPROVED

mohammad
7/2/2021 12:02:04 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.280 min Scan# 2243
Delta R.T. 0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27



Tgt Ion:264 Resp: 73378
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.7 17.8 26.8

