

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124333.D
 Acq On : 15 Jun 2021 20:51
 Operator : JU/CG
 Sample : M2674-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-01-060921

Manual Integrations
 APPROVED

mohammad
 6/16/2021 3:53:49 PM

Quant Time: Jun 15 21:16:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	36415	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	136527	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	79709	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	150467	20.00	ng	0.00
76) Chrysene-d12	13.957	240	95249	20.00	ng	# 0.00
86) Perylene-d12	15.409	264	77070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	50958	21.07	ng	0.00
7) Phenol-d6	6.439	99	57845	17.79	ng	0.00
23) Nitrobenzene-d5	7.345	82	56058	16.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	24691	21.86	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	105797	16.70	ng	0.00
79) Terphenyl-d14	12.898	244	108514	15.64	ng	0.00
Target Compounds						
10) Phenol	6.451	94	22829	6.50	ng	# 74
17) 2-Methylphenol	7.057	107	33511m	15.31	ng	
20) 3+4-Methylphenols	7.216	107	76484	26.38	ng	# 70
27) 2,4-Dimethylphenol	7.734	122	61500	28.27	ng	95

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

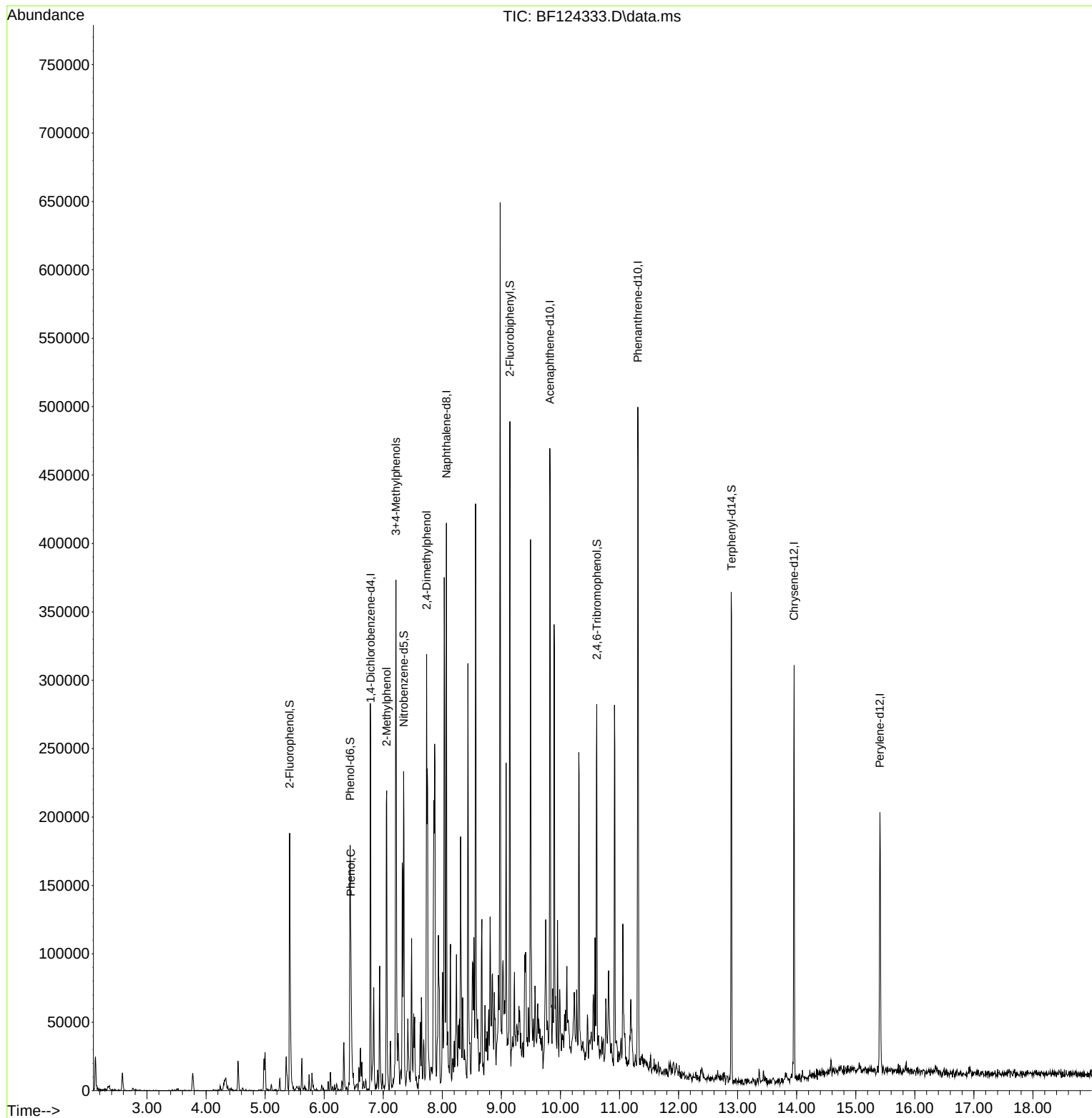
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
Data File : BF124333.D
Acq On : 15 Jun 2021 20:51
Operator : JU/CG
Sample : M2674-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

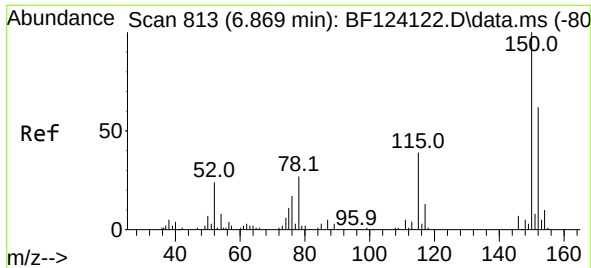
Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921

Manual Integrations
APPROVED

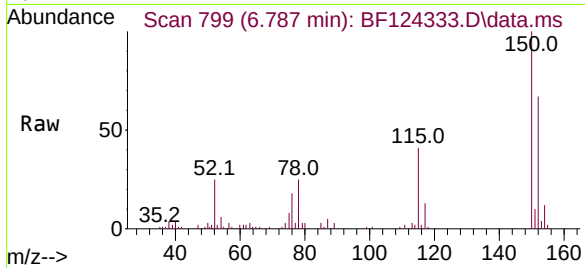
mohammad
6/16/2021 3:53:49 PM

Quant Time: Jun 15 21:16:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

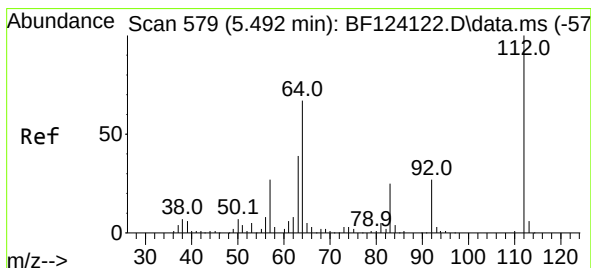
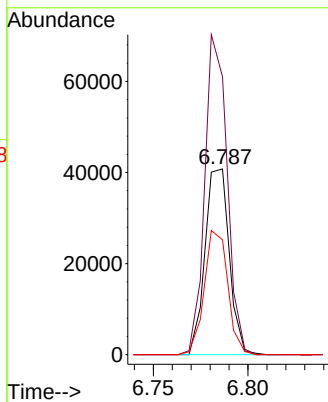
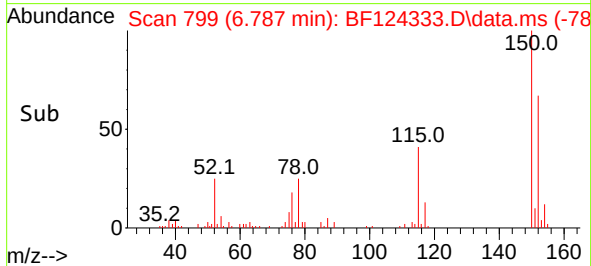




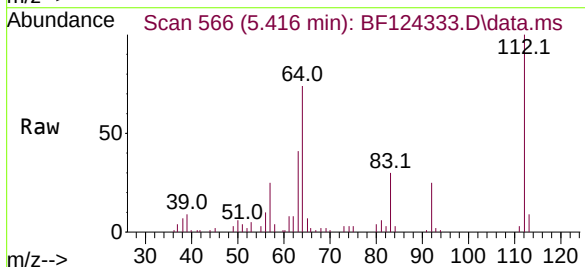
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



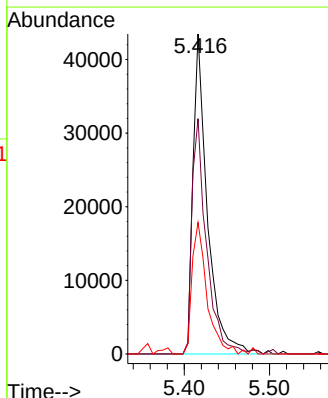
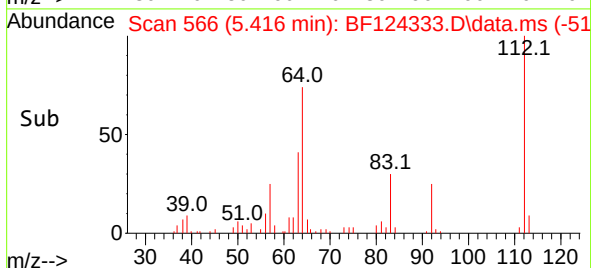
Tgt Ion:152 Resp: 36415
Ion Ratio Lower Upper
152 100
150 149.6 127.0 190.6
115 61.8 54.3 81.5



#5
2-Fluorophenol
Concen: 21.07 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



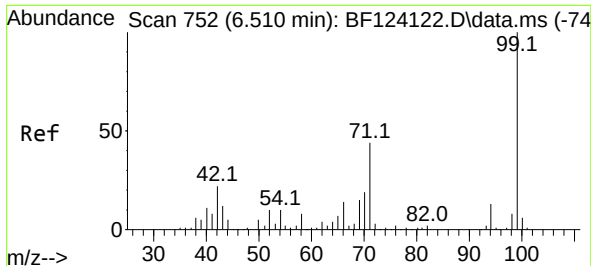
Tgt Ion:112 Resp: 50958
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 41.1 33.0 49.4



Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921

Manual Integrations
APPROVED

mohammad
6/16/2021 3:53:49 PM



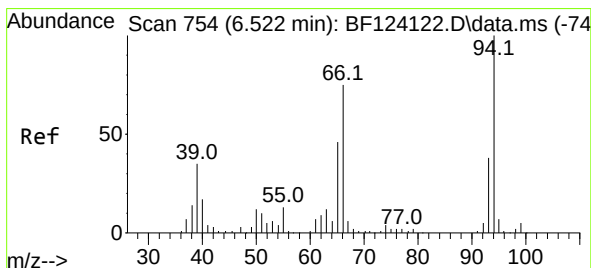
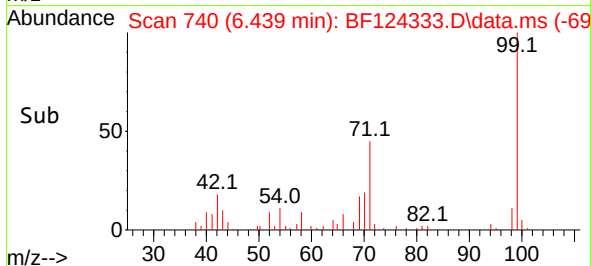
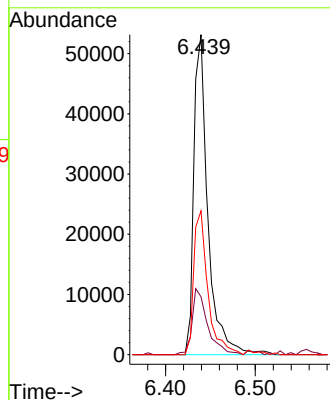
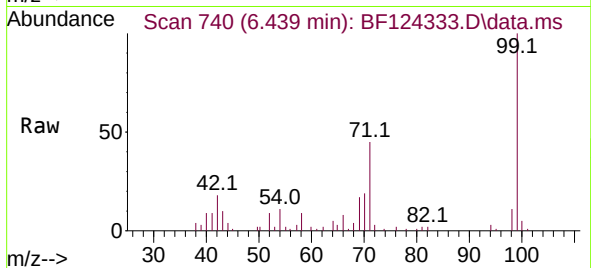
#7
Phenol-d6
Concen: 17.79 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

Tgt Ion: 99 Resp: 57845
Ion Ratio Lower Upper
99 100
42 18.1 19.8 29.8#
71 45.0 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921

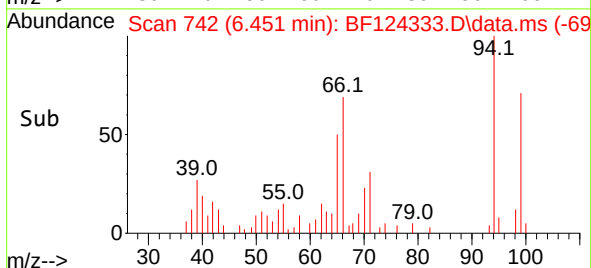
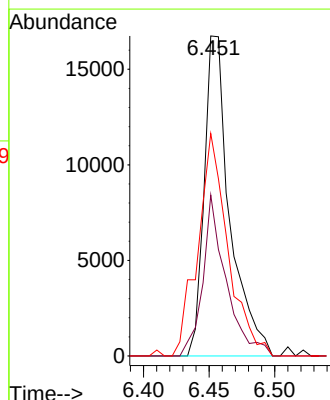
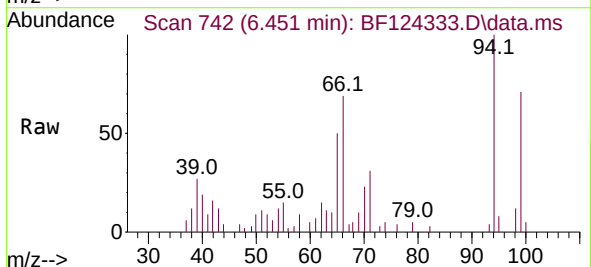
Manual Integrations
APPROVED

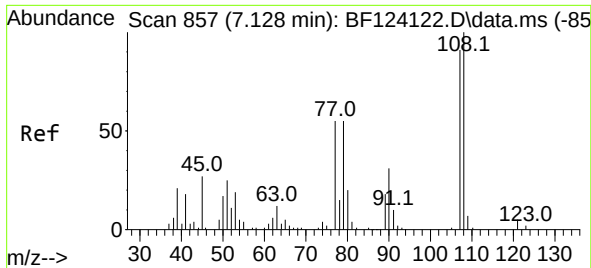
mohammad
6/16/2021 3:53:49 PM



#10
Phenol
Concen: 6.50 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

Tgt Ion: 94 Resp: 22829
Ion Ratio Lower Upper
94 100
65 50.3 18.1 58.1
66 69.5 29.0 69.0#





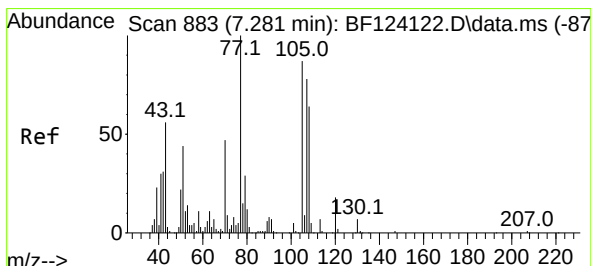
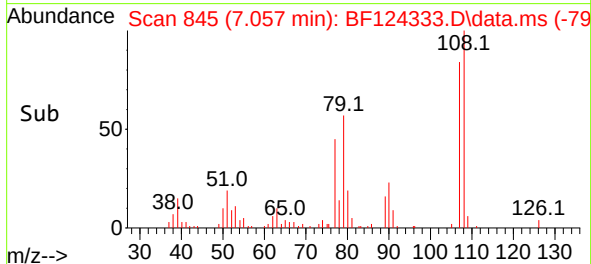
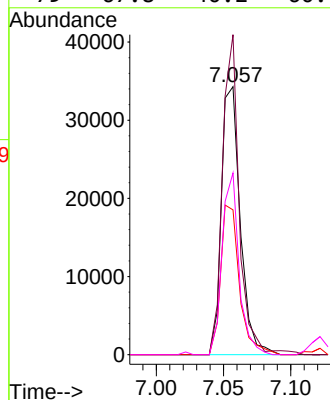
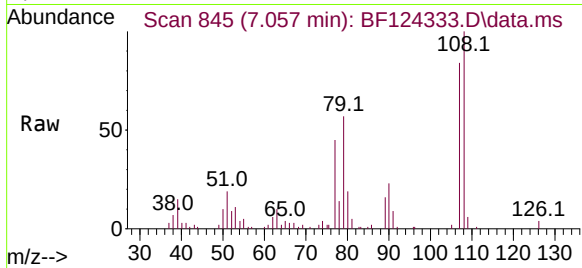
#17
2-Methylphenol
Concen: 15.31 ng m
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

Tgt Ion:	107	Resp:	33511
Ion Ratio	Lower	Upper	
107	100		
108	119.4	89.8	134.8
77	54.0	40.9	61.3
79	67.8	40.2	60.4#

Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921

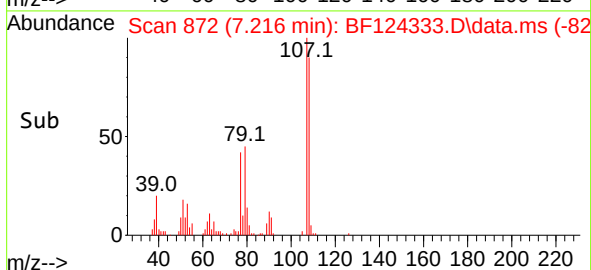
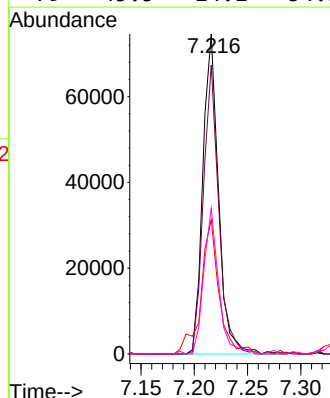
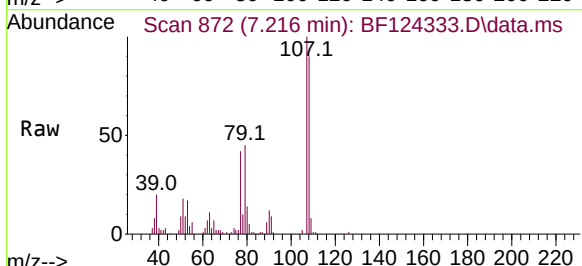
Manual Integrations
APPROVED

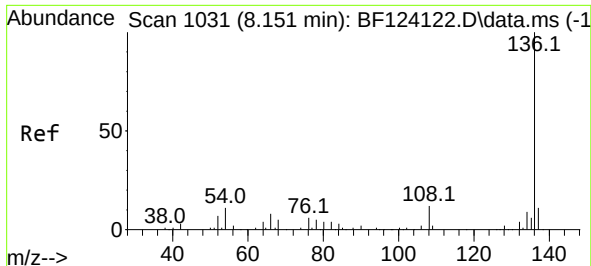
mohammad
6/16/2021 3:53:49 PM



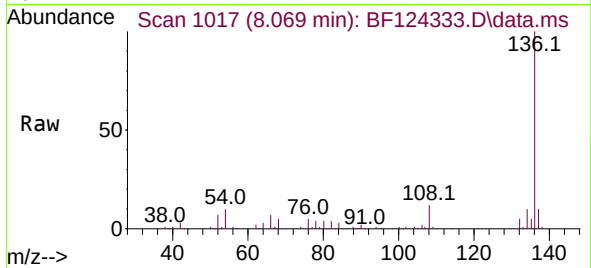
#20
3+4-Methylphenols
Concen: 26.38 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

Tgt Ion:	107	Resp:	76484
Ion Ratio	Lower	Upper	
107	100		
108	90.2	71.5	111.5
77	42.0	82.0	122.0#
79	45.5	14.1	54.1

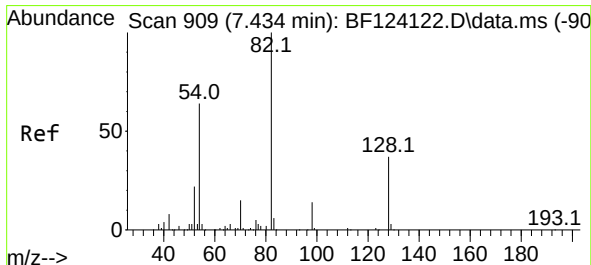
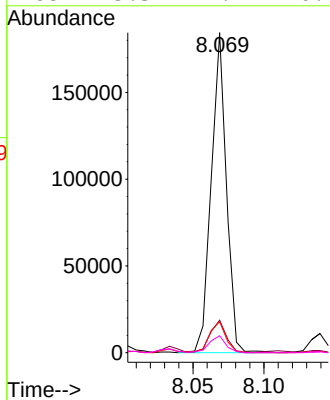
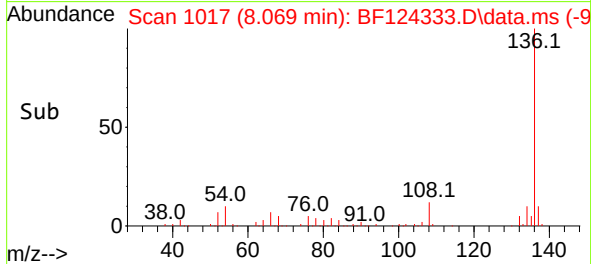




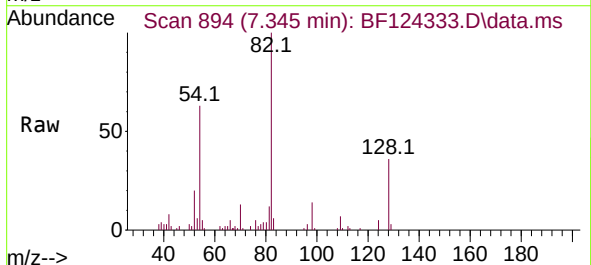
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



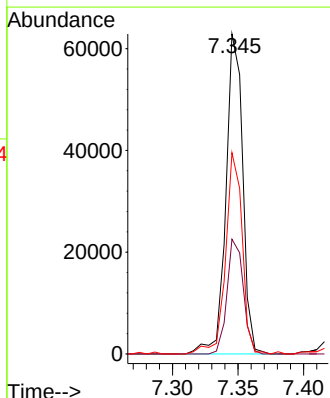
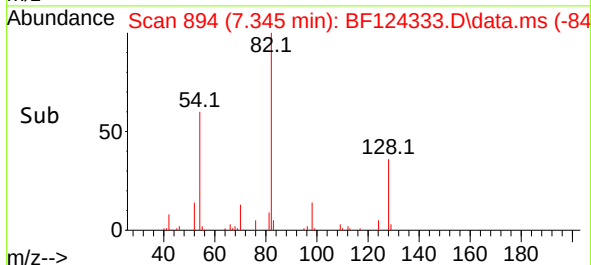
Tgt Ion:136 Resp: 136527
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 9.7 9.8 14.6#
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 16.28 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



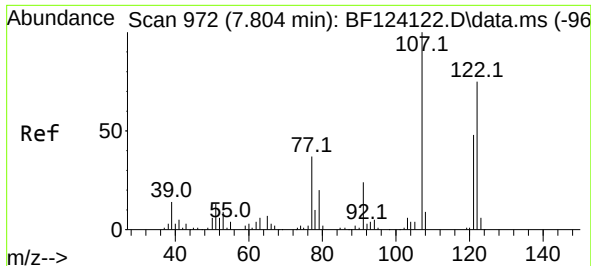
Tgt Ion: 82 Resp: 56058
Ion Ratio Lower Upper
82 100
128 35.8 29.4 44.2
54 62.9 54.1 81.1



Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921

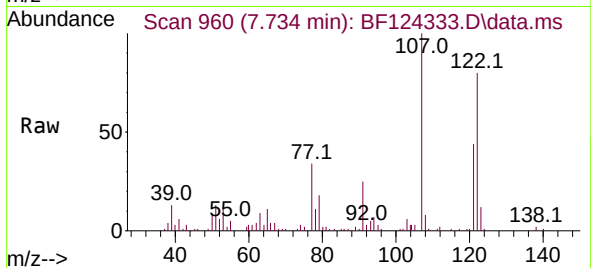
Manual Integrations
APPROVED

mohammad
6/16/2021 3:53:49 PM



#27
2,4-Dimethylphenol
Concen: 28.27 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

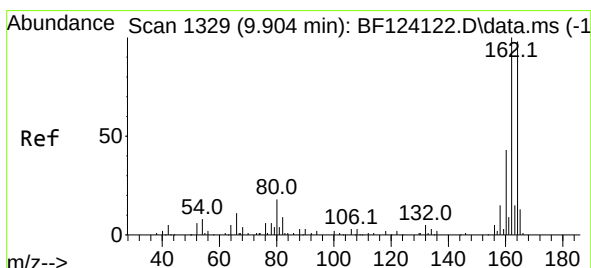
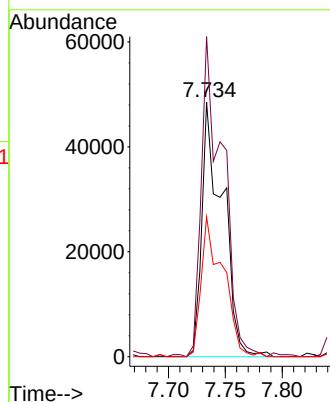
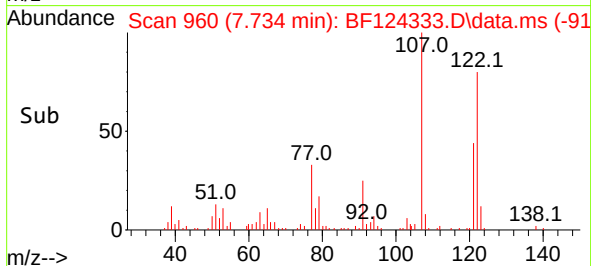
Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921



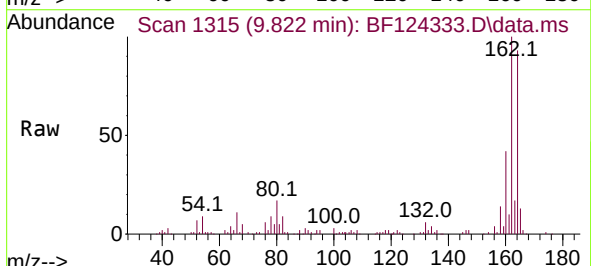
Tgt Ion:122 Resp: 61500
Ion Ratio Lower Upper
122 100
107 125.7 106.3 159.5
121 54.9 45.4 68.0

Manual Integrations
APPROVED

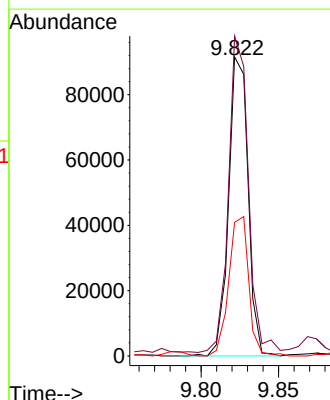
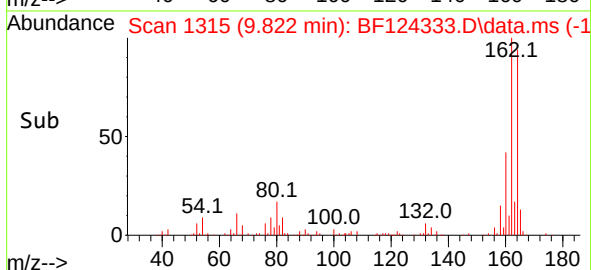
mohammad
6/16/2021 3:53:49 PM

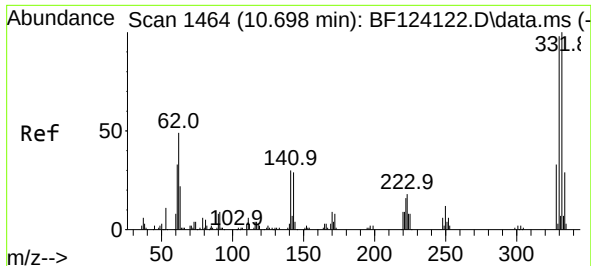


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



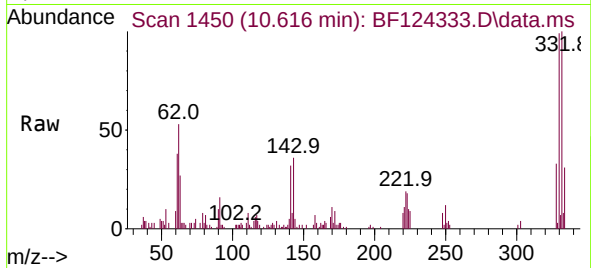
Tgt Ion:164 Resp: 79709
Ion Ratio Lower Upper
164 100
162 107.0 80.7 121.1
160 44.7 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 21.86 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

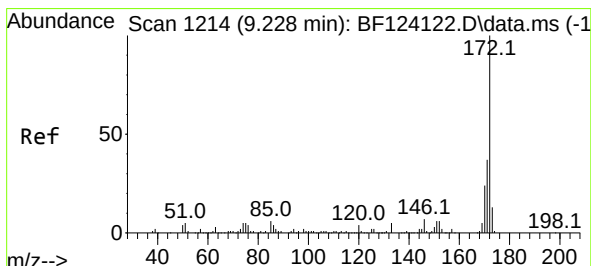
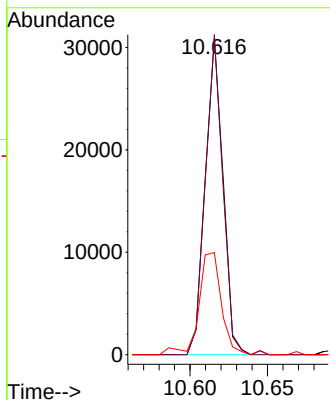
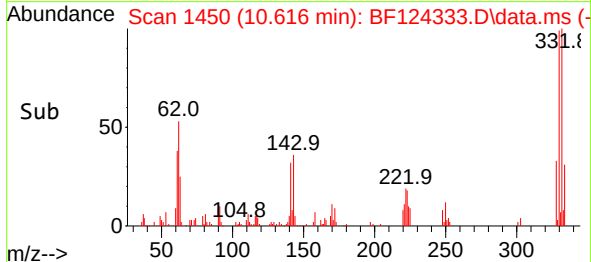
Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921



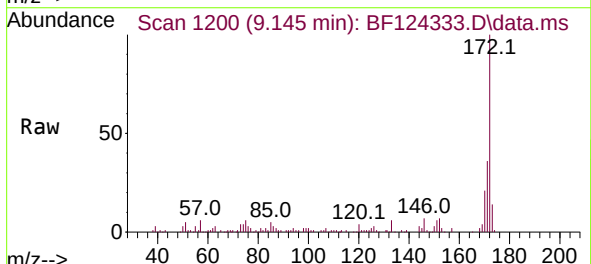
Tgt Ion: 330 Resp: 24691
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 40.6 27.9 41.9

Manual Integrations
APPROVED

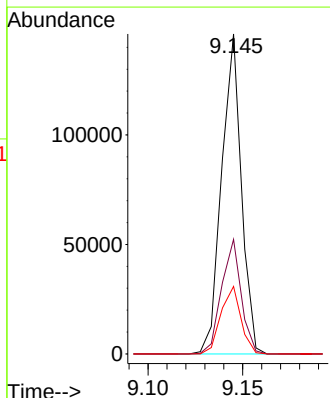
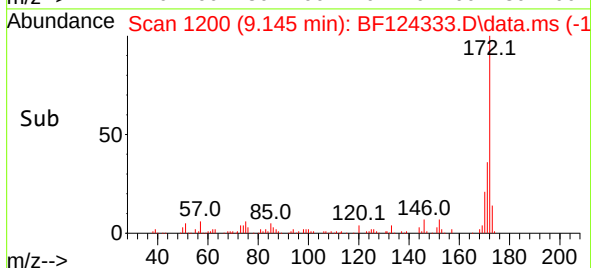
mohammad
6/16/2021 3:53:49 PM

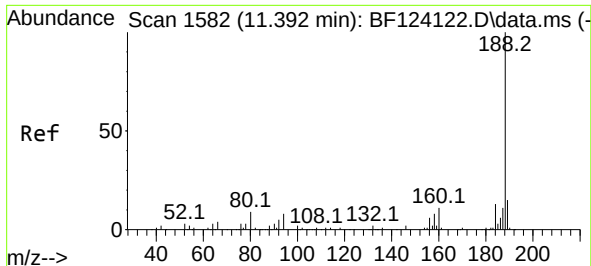


#45
2-Fluorobiphenyl
Concen: 16.70 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



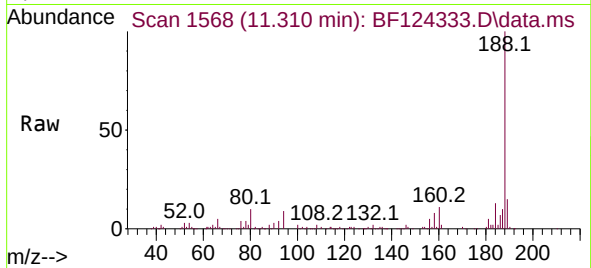
Tgt Ion: 172 Resp: 105797
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 21.1 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

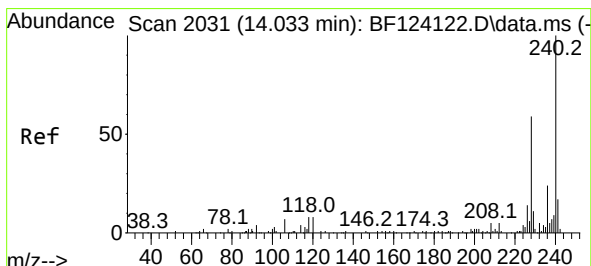
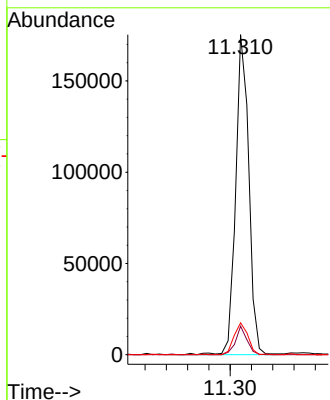
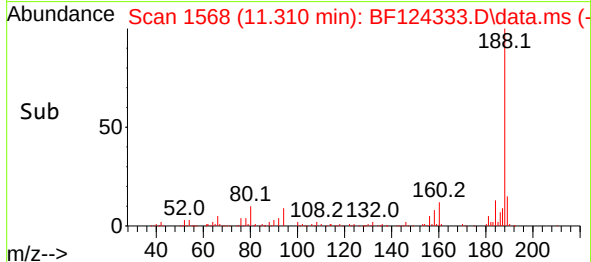
Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921



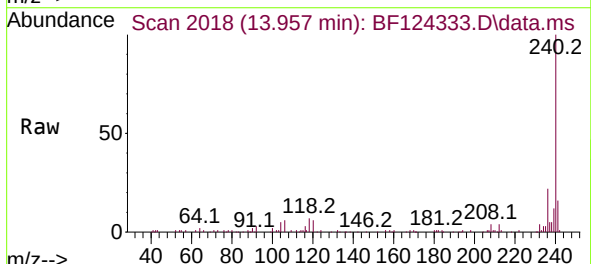
Tgt Ion:188 Resp: 150467
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.0 8.2 12.2

Manual Integrations
APPROVED

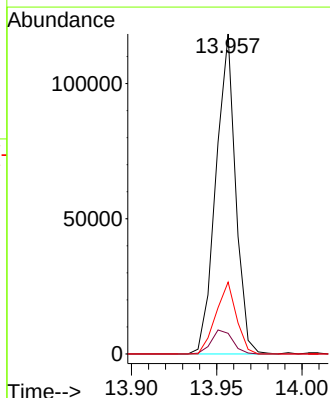
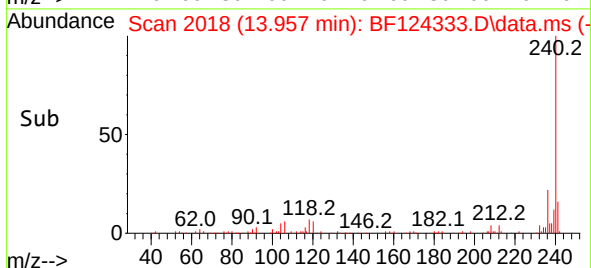
mohammad
6/16/2021 3:53:49 PM

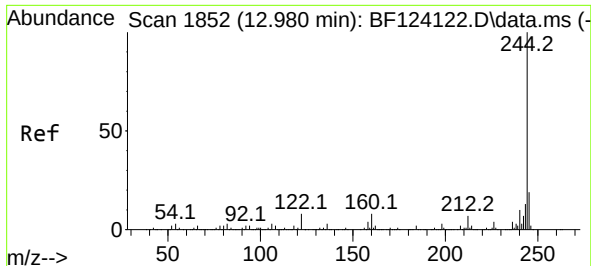


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51

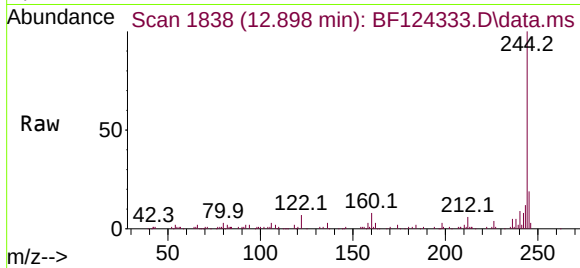


Tgt Ion:240 Resp: 95249
Ion Ratio Lower Upper
240 100
120 6.5 7.2 10.8#
236 22.4 19.0 28.4

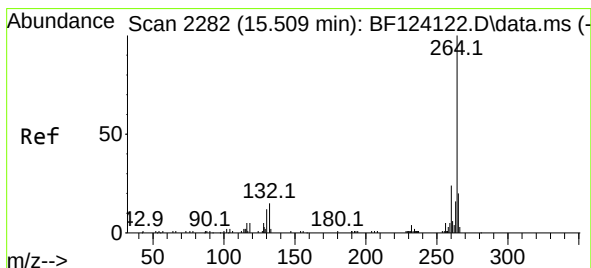
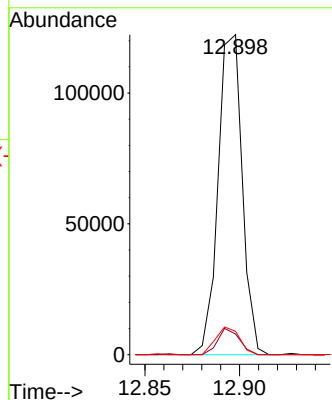
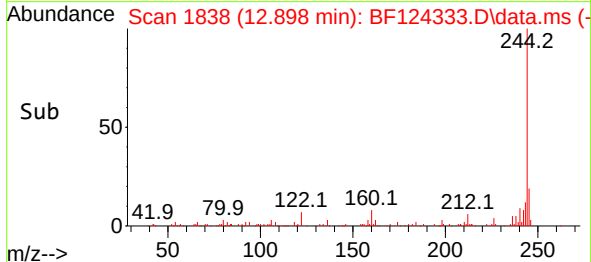




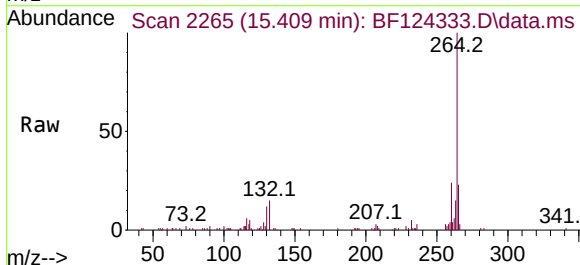
#79
Terphenyl-d14
Concen: 15.64 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



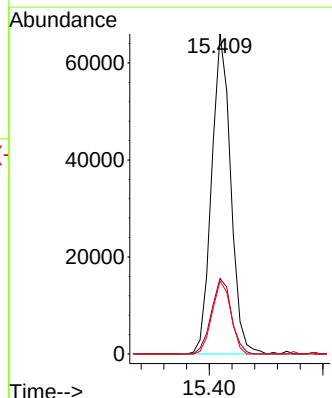
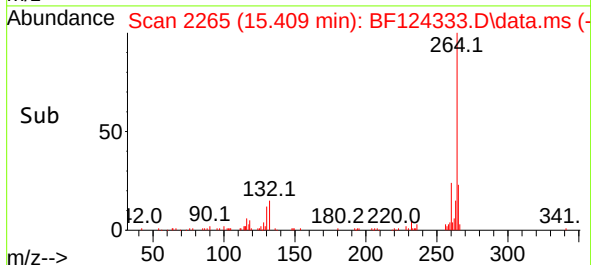
Tgt Ion:244 Resp: 108514
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 7.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF124333.D
Acq: 15 Jun 2021 20:51



Tgt Ion:264 Resp: 77070
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.8 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
TMR-DS-01-060921

Manual Integrations
APPROVED

mohammad
6/16/2021 3:53:49 PM