

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122109.D
 Acq On : 23 Oct 2020 20:23
 Operator : JU/CG
 Sample : L4487-02 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-88

Manual Integrations
 APPROVED

mohammad
 10/26/2020 10:35:26 AM

Quant Time: Oct 23 23:37:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	97448	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	394747	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	190350	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	302183	20.00	ng	0.00
76) Chrysene-d12	13.898	240	226003	20.00	ng	0.01
86) Perylene-d12	15.333	264	241615	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	4290m	0.65	ng	0.07
7) Phenol-d6	6.451	99	7703m	0.91	ng	0.07
23) Nitrobenzene-d5	7.328	82	5272	0.68	ng	0.02
42) 2,4,6-Tribromophenol	10.569	330	995	0.42	ng	0.01
45) 2-Fluorobiphenyl	9.086	172	12179	0.94	ng	0.00
79) Terphenyl-d14	12.833	244	9797	0.83	ng	0.00

Target Compounds	Qvalue

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

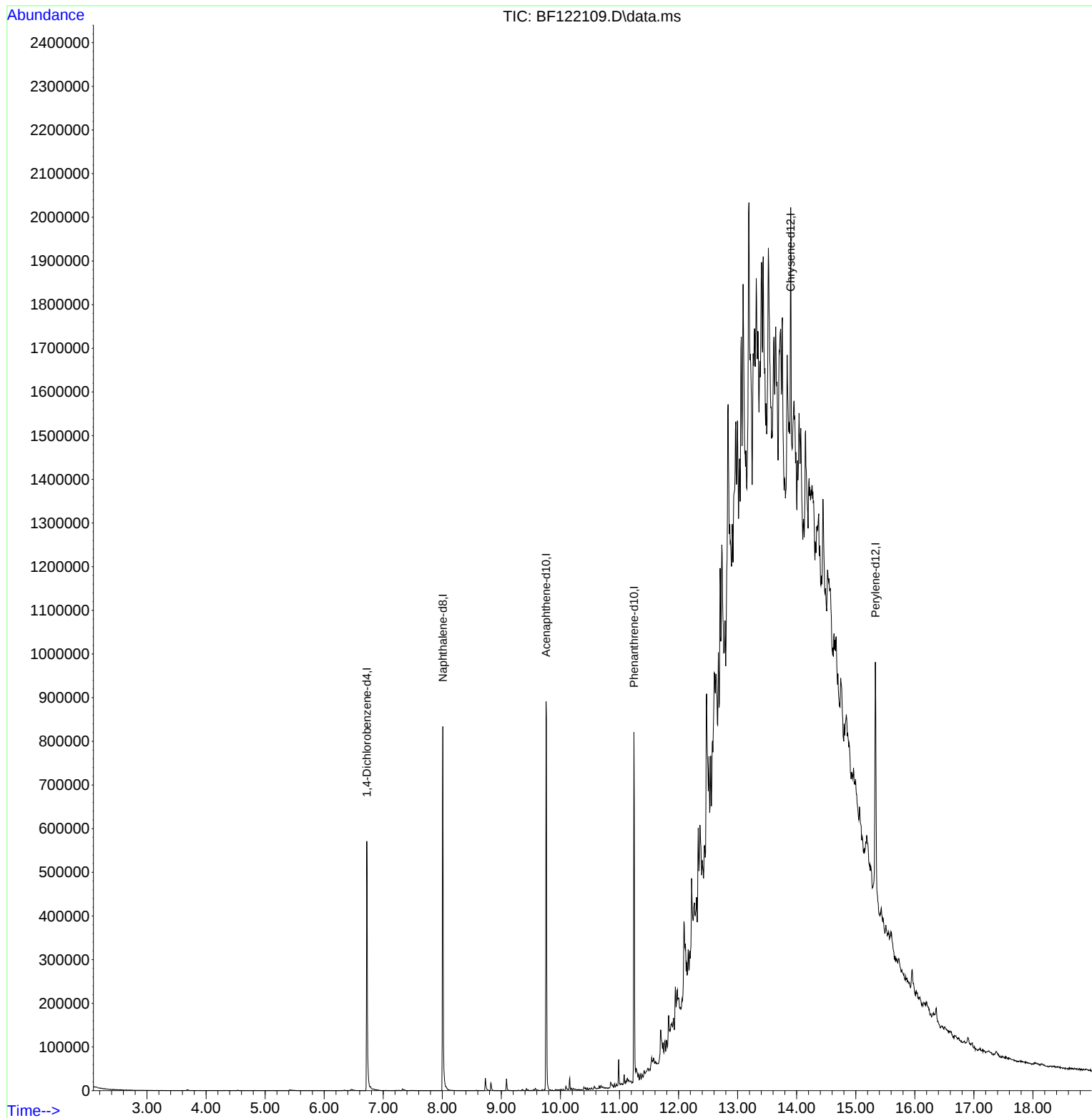
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122109.D
Acq On : 23 Oct 2020 20:23
Operator : JU/CG
Sample : L4487-02 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-88

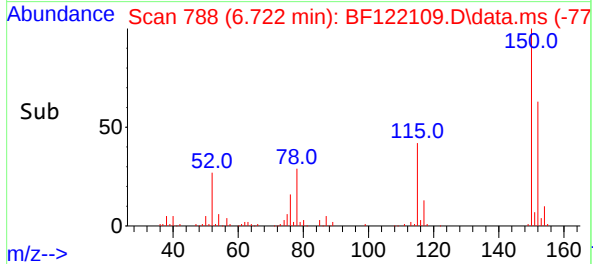
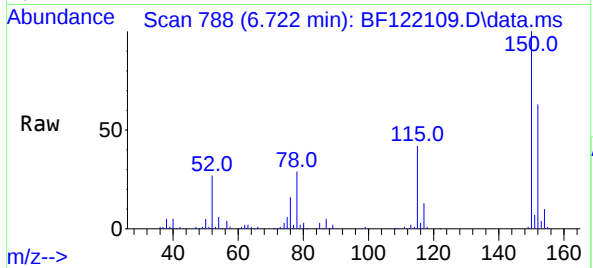
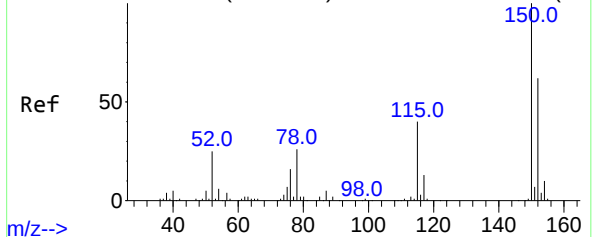
Manual Integrations
APPROVED

mohammad
10/26/2020 10:35:26 AM

Quant Time: Oct 23 23:37:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

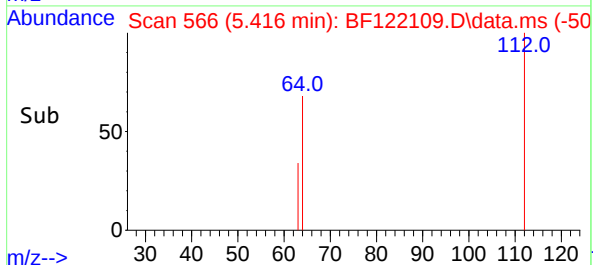
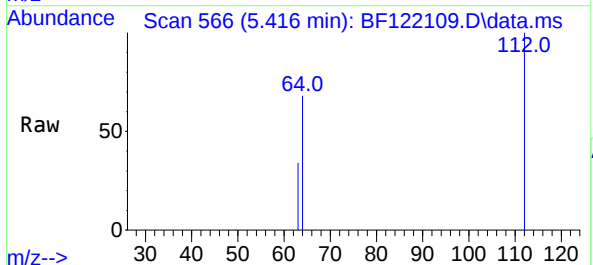
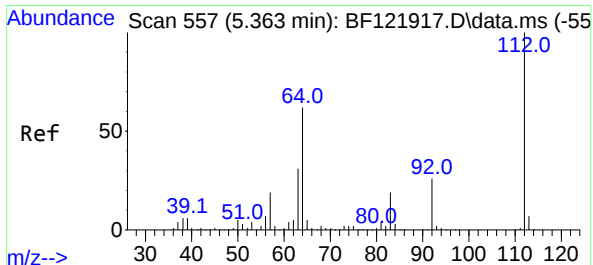
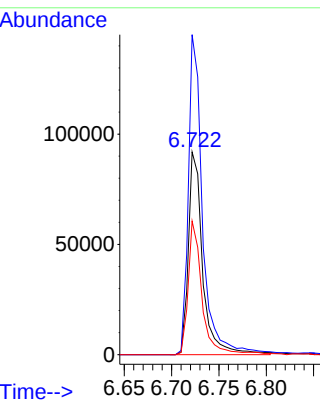


Abundance Scan 792 (6.745 min): BF121917.D\data.ms (-78



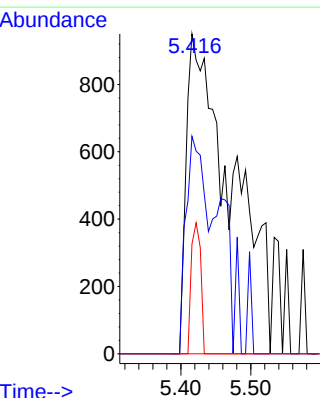
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

Tgt Ion:	152	Resp:	97448
Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.3	187.9
115	65.9	51.9	77.9



#5
2-Fluorophenol
Concen: 0.65 ng m
RT: 5.416 min Scan# 566
Delta R.T. 0.070 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

Tgt Ion:	112	Resp:	4290
Ion	Ratio	Lower	Upper
112	100		
64	68.0	50.4	75.6
63	34.3	25.8	38.6



Instrument :
BNA_F
ClientSampled :
D-88

Manual Integrations
APPROVED

mohammad
10/26/2020 10:35:26 AM



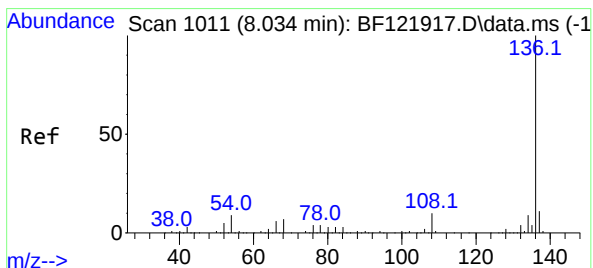
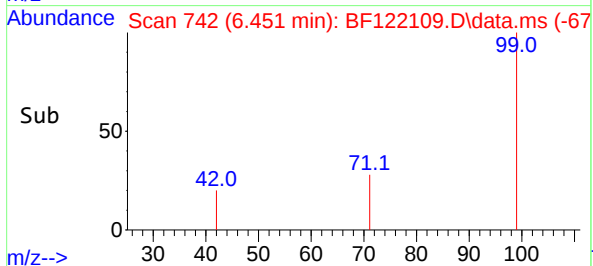
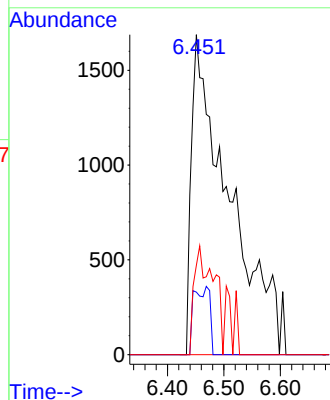
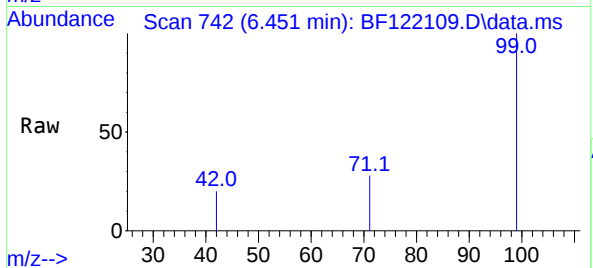
#7
Phenol-d6
Concen: 0.91 ng m
RT: 6.451 min Scan# 742
Delta R.T. 0.070 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

Tgt Ion: 99 Resp: 7703
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 27.9 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
D-88

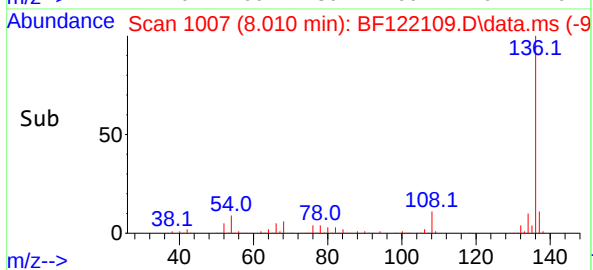
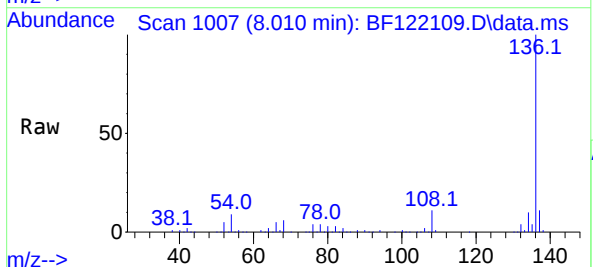
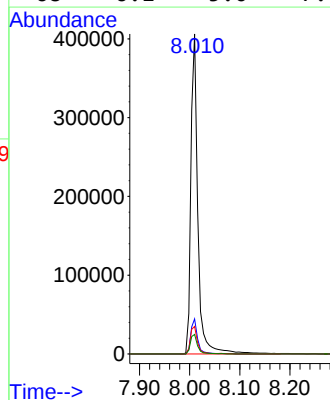
Manual Integrations
APPROVED

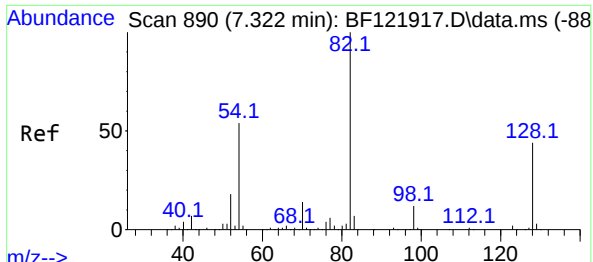
mohammad
10/26/2020 10:35:26 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

Tgt Ion: 136 Resp: 394747
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.1 10.7
68 6.1 5.0 7.4





#23
Nitrobenzene-d5
Concen: 0.68 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.023 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

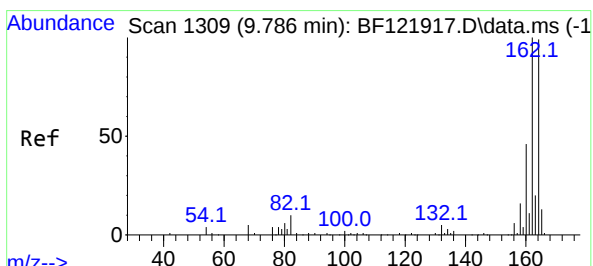
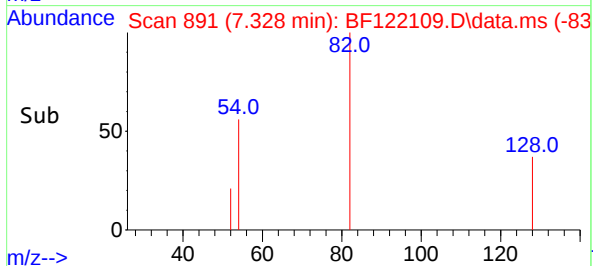
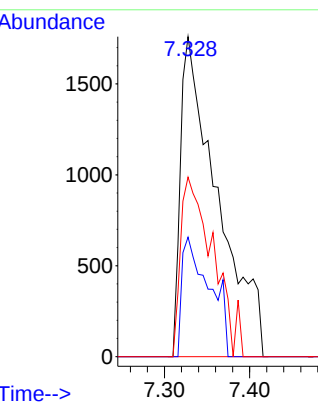
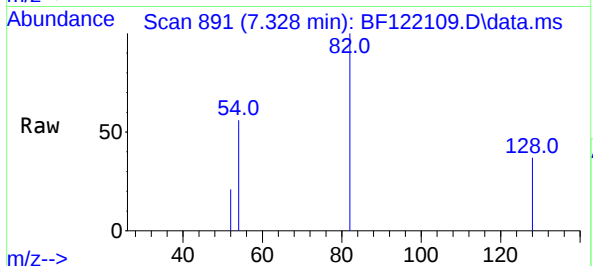
Tgt Ion: 82 Resp: 5272

Ion	Ratio	Lower	Upper
82	100		
128	37.3	35.0	52.4
54	56.1	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
D-88

Manual Integrations
APPROVED

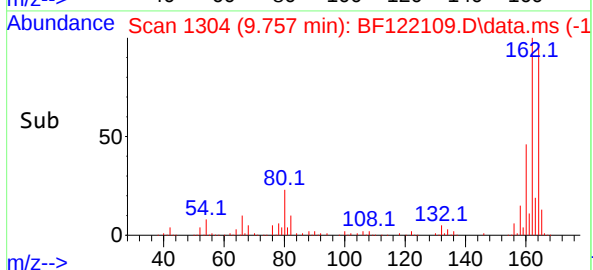
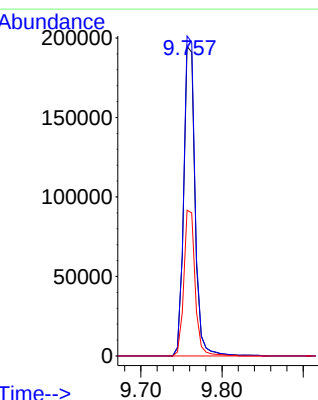
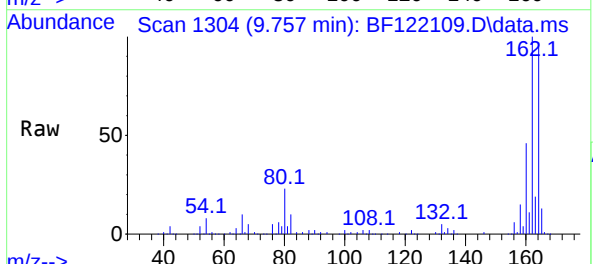
mohammad
10/26/2020 10:35:26 AM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

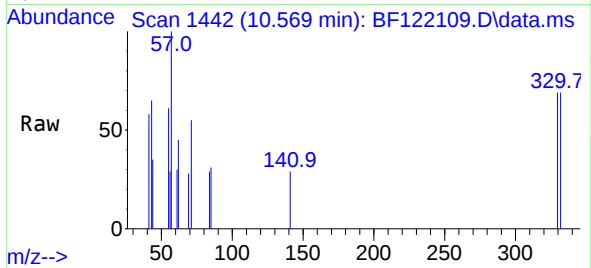
Tgt Ion: 164 Resp: 190350

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.2	124.8
160	47.1	37.5	56.3

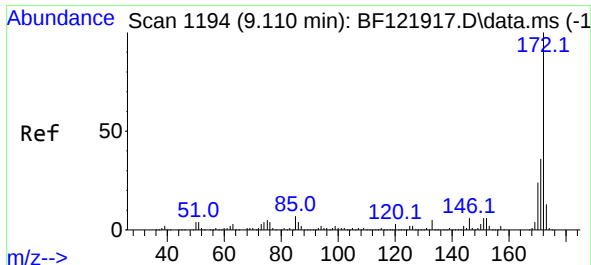
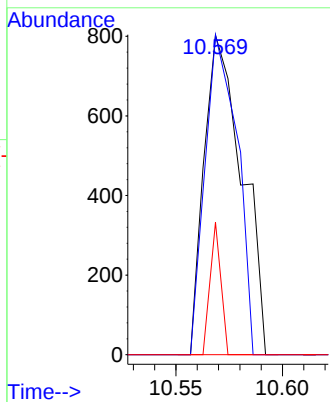
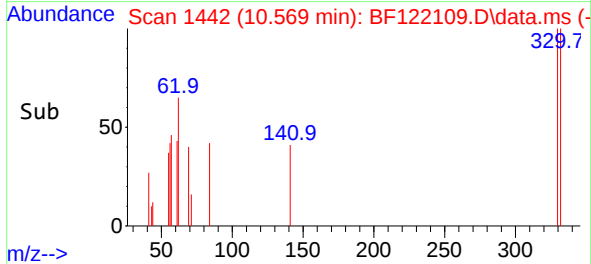




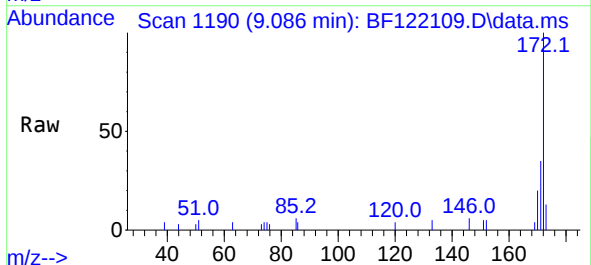
#42
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23



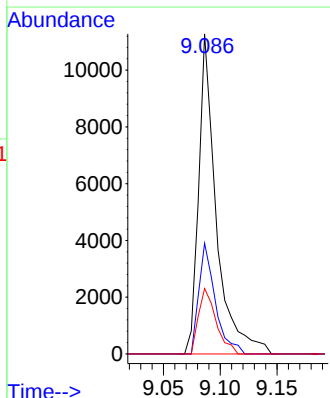
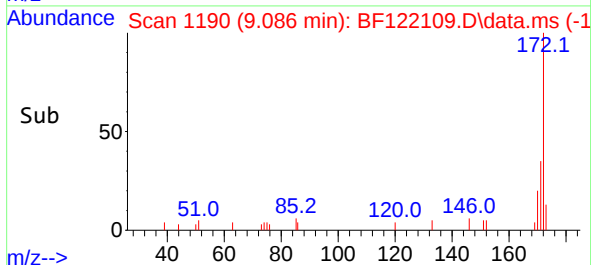
Tgt Ion: 330 Resp: 995
Ion Ratio Lower Upper
330 100
332 84.6 77.3 115.9
141 11.8 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23



Tgt Ion: 172 Resp: 12179
Ion Ratio Lower Upper
172 100
171 34.6 29.1 43.7
170 20.5 19.8 29.6



Instrument :
BNA_F
ClientSampleId :
D-88

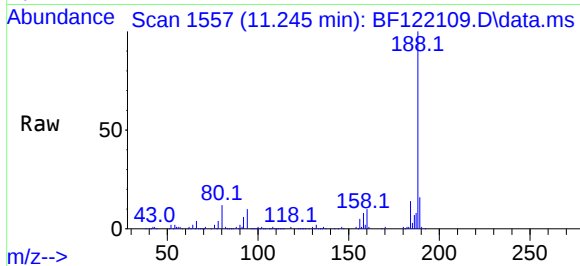
Manual Integrations
APPROVED

mohammad
10/26/2020 10:35:26 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

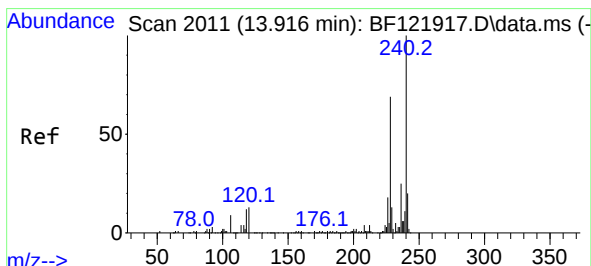
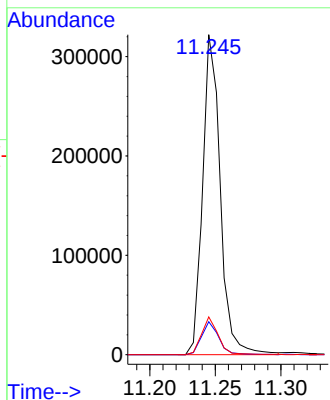
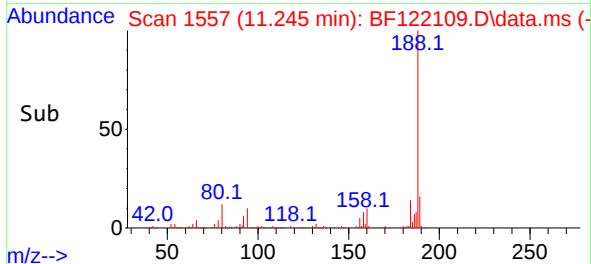
Instrument :
BNA_F
ClientSampled :
D-88



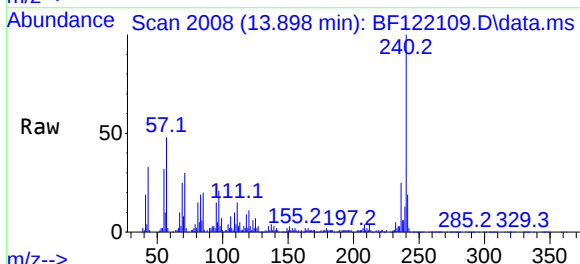
Tgt Ion:188 Resp: 302183
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.8 9.1 13.7

Manual Integrations
APPROVED

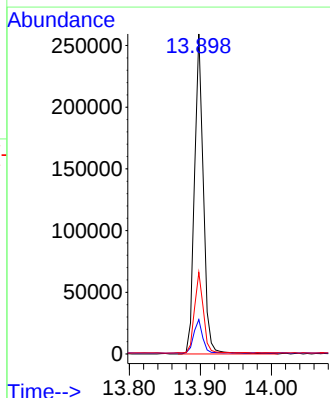
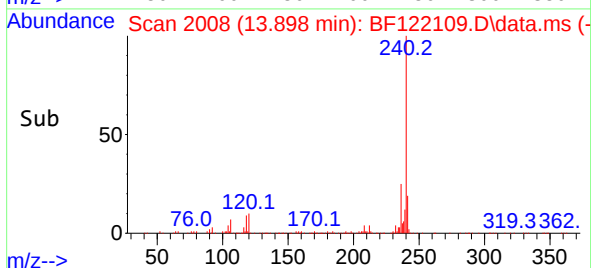
mohammad
10/26/2020 10:35:26 AM

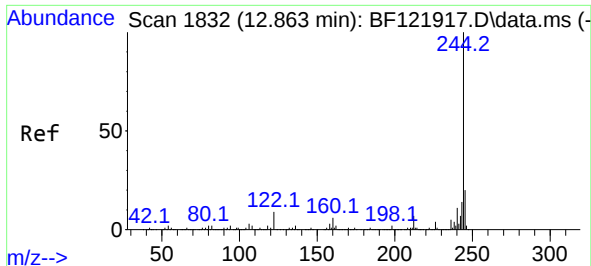


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23



Tgt Ion:240 Resp: 226003
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.5 20.9 31.3





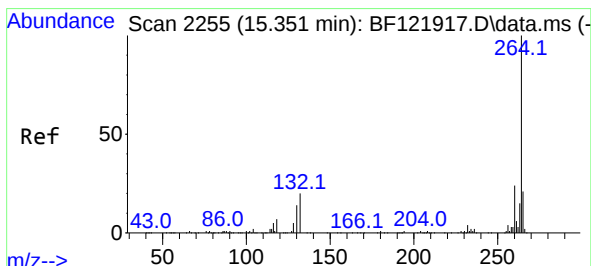
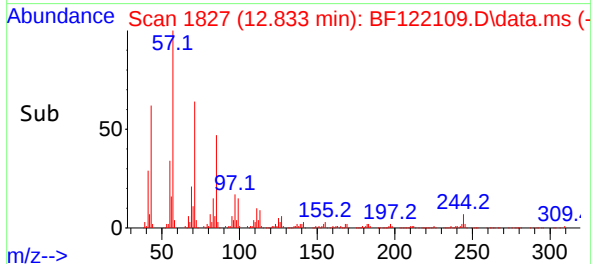
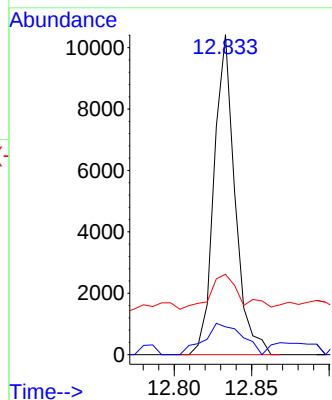
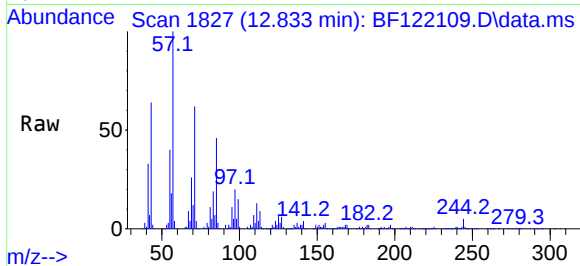
#79
Terphenyl-d14
Concen: 0.83 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

Tgt Ion:244 Resp: 9797
Ion Ratio Lower Upper
244 100
212 8.7 5.4 8.2#
122 25.1 8.1 12.1#

Instrument :
BNA_F
ClientSampled :
D-88

Manual Integrations
APPROVED

mohammad
10/26/2020 10:35:26 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.017 min
Lab File: BF122109.D
Acq: 23 Oct 2020 20:23

Tgt Ion:264 Resp: 241615
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 21.7 17.3 25.9

