

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124983.D
 Acq On : 7 Aug 2021 20:03
 Operator : JU/CG
 Sample : M3289-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26562

Manual Integrations
 APPROVED

mohammad
 8/10/2021 4:24:27 PM

Quant Time: Aug 08 09:10:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6139	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	21502	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	10094	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	13754	20.000	ng	# 0.05
76) Chrysene-d12	14.027	240	12442	20.000	ng	# 0.04
86) Perylene-d12	15.468	264	11786	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	34616	92.368	ng	0.00
7) Phenol-d6	6.463	99	41047	86.863	ng	0.00
23) Nitrobenzene-d5	7.392	82	25680	62.478	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	7077	78.477	ng	0.02
45) 2-Fluorobiphenyl	9.186	172	44450	64.435	ng	0.00
79) Terphenyl-d14	12.986	244	37788	51.231	ng	0.05
Target Compounds						
83) Chrysene	14.051	228	1684	2.148	ng	# 80
88) Benzo(b)fluoranthene	15.045	252	2572m	3.108	ng	

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

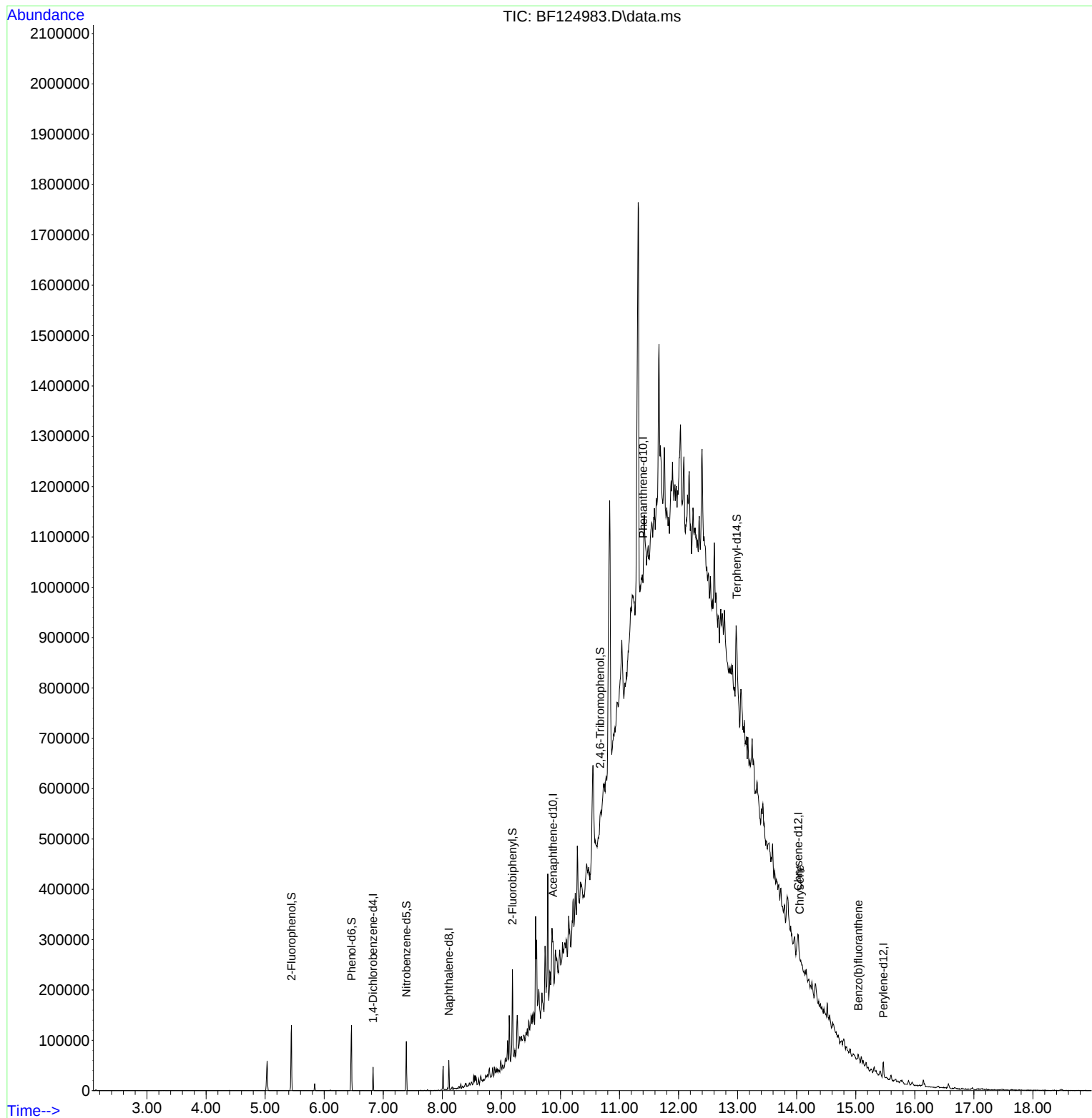
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124983.D
Acq On : 7 Aug 2021 20:03
Operator : JU/CG
Sample : M3289-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

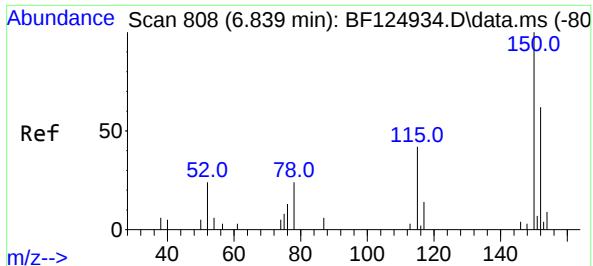
Instrument :
BNA_F
ClientSampleId :
26562

Manual Integrations
APPROVED

mohammad
8/10/2021 4:24:27 PM

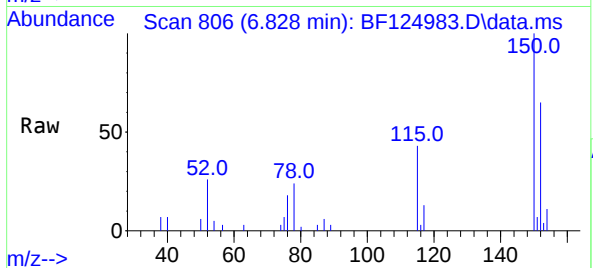
Quant Time: Aug 08 09:10:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

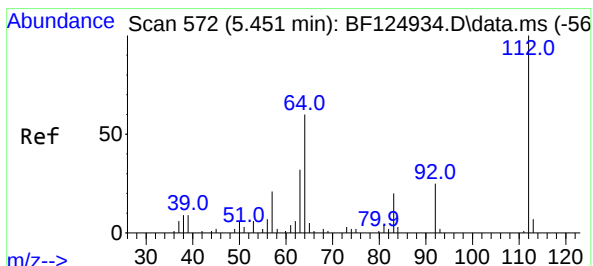
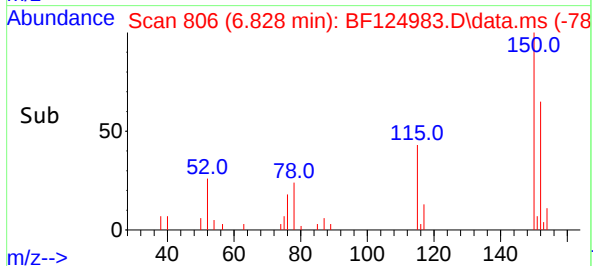
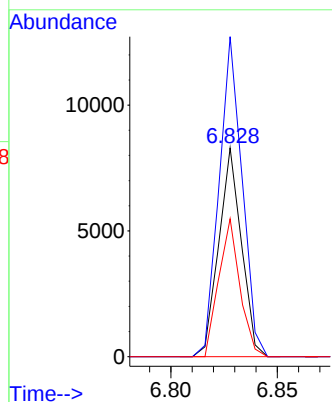
Instrument :
BNA_F
ClientSampled :
26562



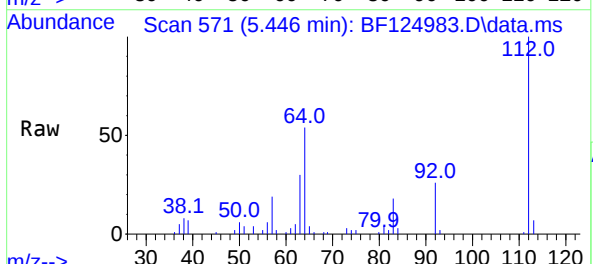
Tgt Ion:152 Resp: 6139
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 66.0 47.1 70.7

Manual Integrations
APPROVED

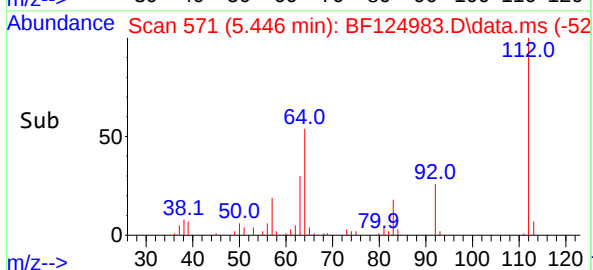
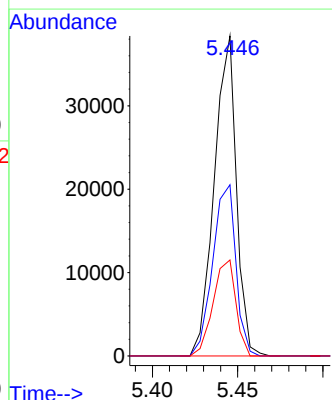
mohammad
8/10/2021 4:24:27 PM

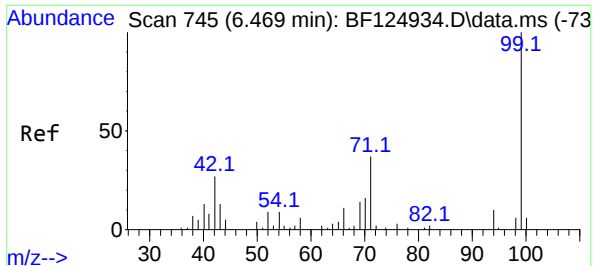


#5
2-Fluorophenol
Concen: 92.368 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03



Tgt Ion:112 Resp: 34616
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 30.0 26.2 39.2





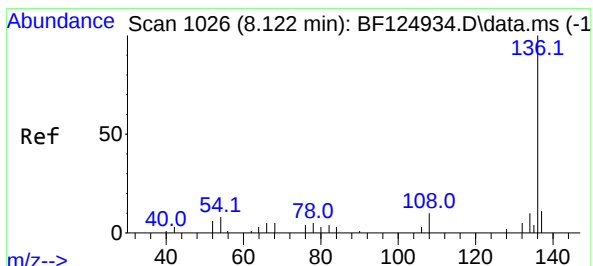
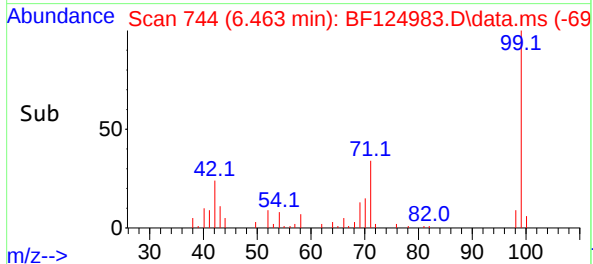
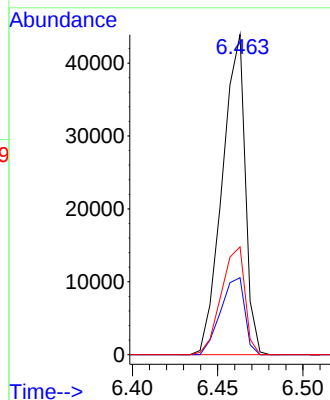
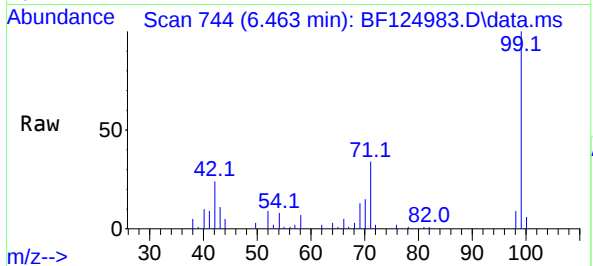
#7
Phenol-d6
Concen: 86.863 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:	99	Resp:	41047
Ion	Ratio	Lower	Upper
99	100		
42	24.0	23.5	35.3
71	33.7	25.6	38.4

Instrument :
BNA_F
ClientSampled :
26562

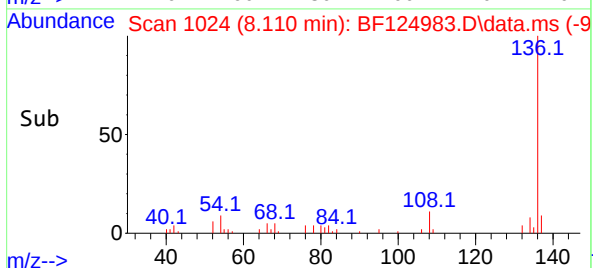
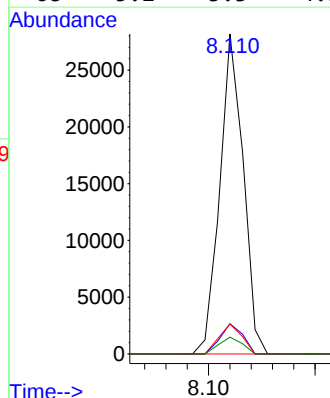
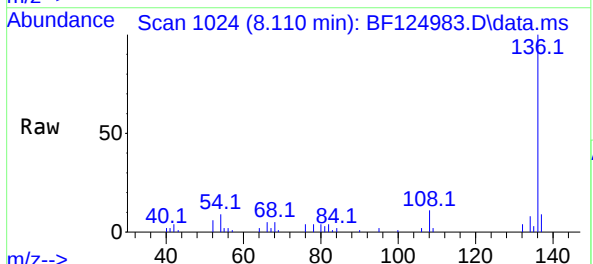
Manual Integrations
APPROVED

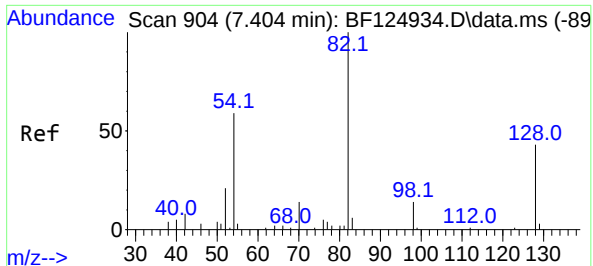
mohammad
8/10/2021 4:24:27 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:	136	Resp:	21502
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.8	14.6#
54	9.4	6.4	9.6
68	5.2	3.3	4.9#





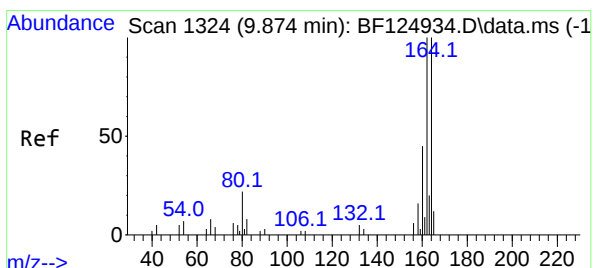
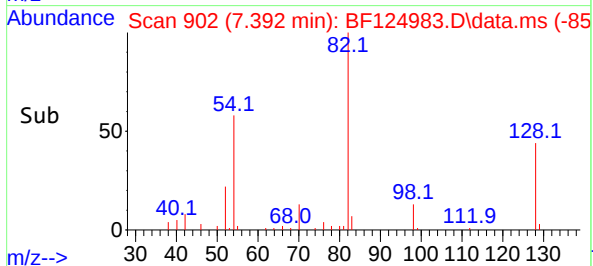
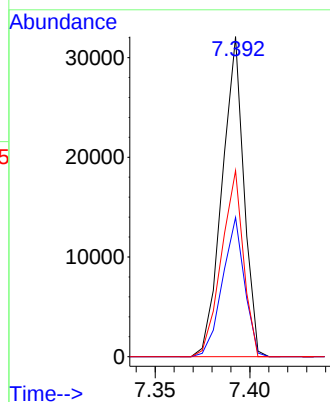
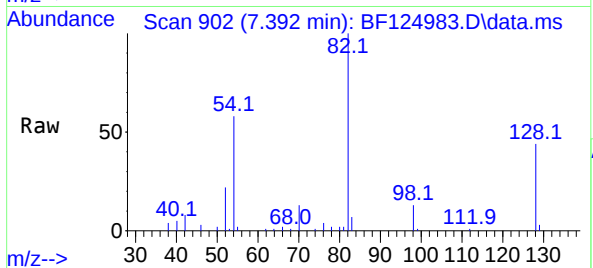
#23
Nitrobenzene-d5
Concen: 62.478 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:	82	Resp:	25680
Ion	Ratio	Lower	Upper
82	100		
128	43.5	40.6	60.8
54	58.2	49.6	74.4

Instrument :
BNA_F
ClientSampled :
26562

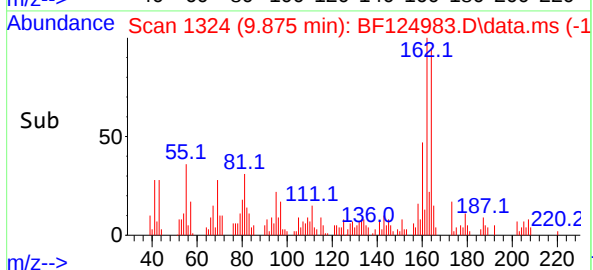
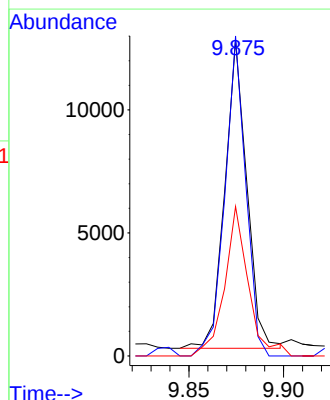
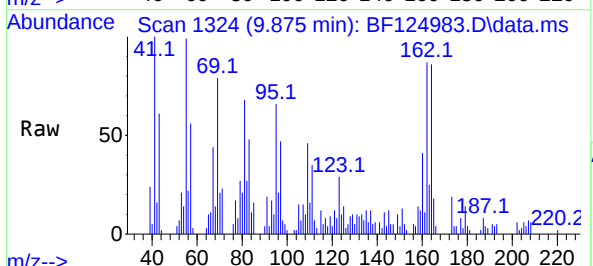
Manual Integrations
APPROVED

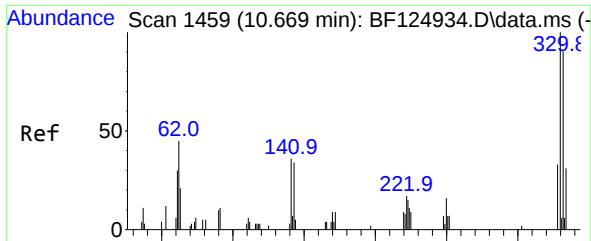
mohammad
8/10/2021 4:24:27 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

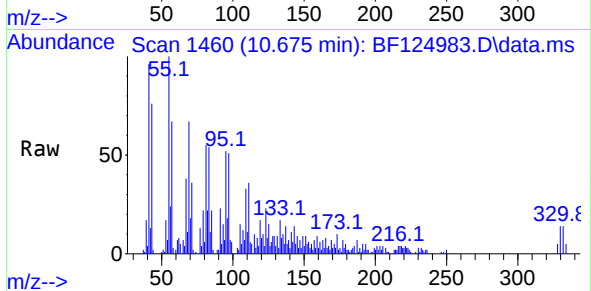
Tgt Ion:	164	Resp:	10094
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	47.3	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 78.477 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.018 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

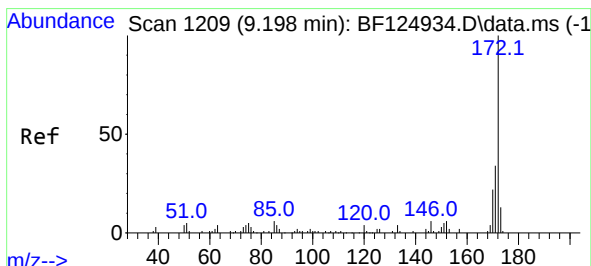
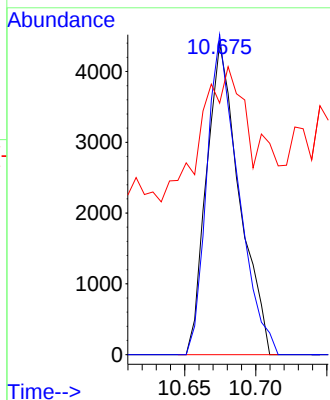
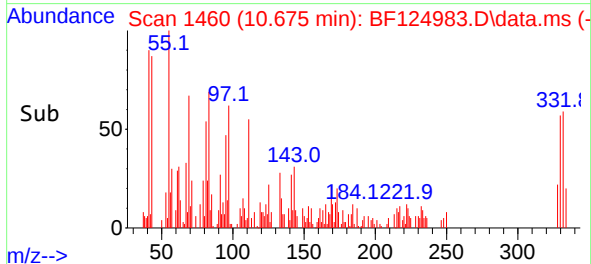
Instrument :
BNA_F
ClientSampled :
26562



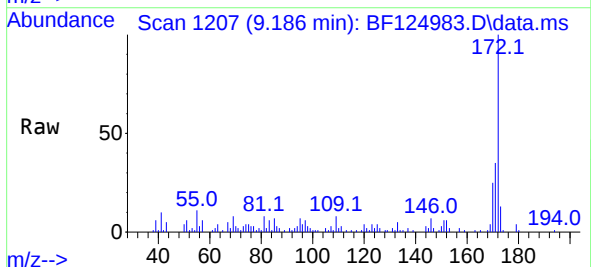
Tgt Ion:330 Resp: 7077
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 67.4 44.6 66.8#

Manual Integrations
APPROVED

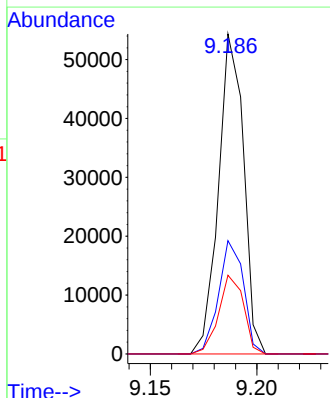
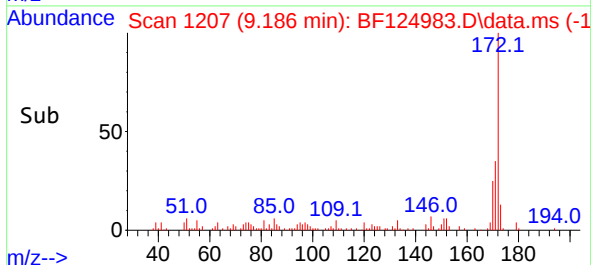
mohammad
8/10/2021 4:24:27 PM

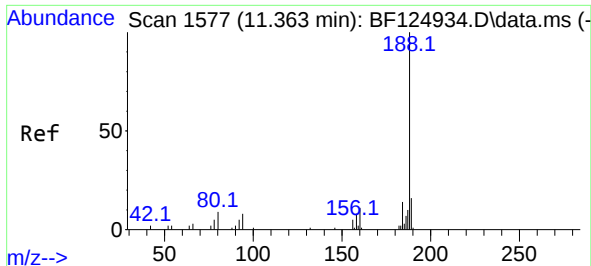


#45
2-Fluorobiphenyl
Concen: 64.435 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03



Tgt Ion:172 Resp: 44450
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.6 18.8 28.2





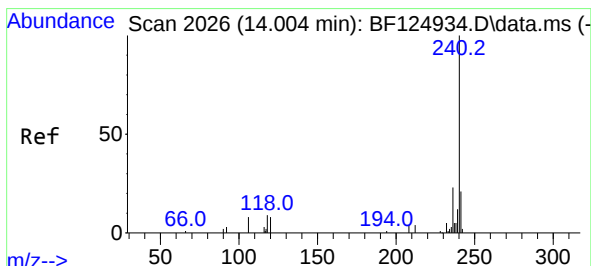
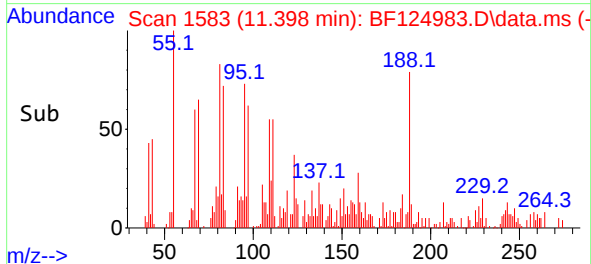
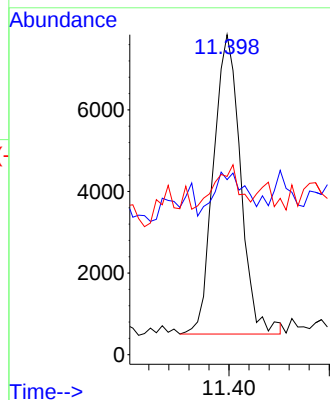
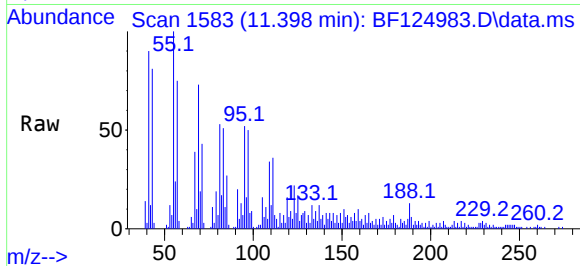
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.047 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:	188	Resp:	13754
Ion Ratio	Lower	Upper	
188	100		
94	54.7	6.7	10.1#
80	55.7	7.5	11.3#

Instrument :
BNA_F
ClientSampled :
26562

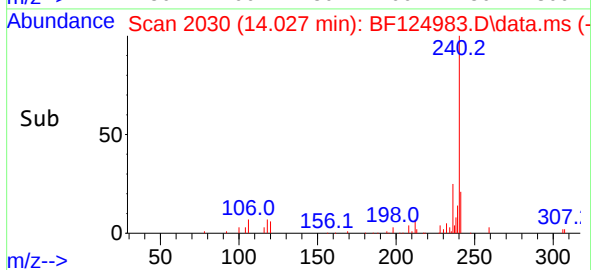
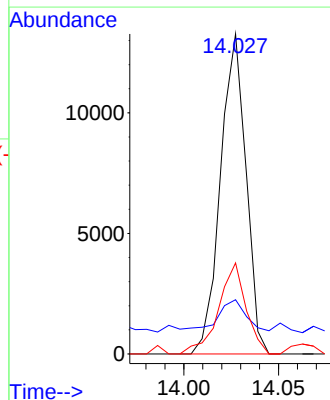
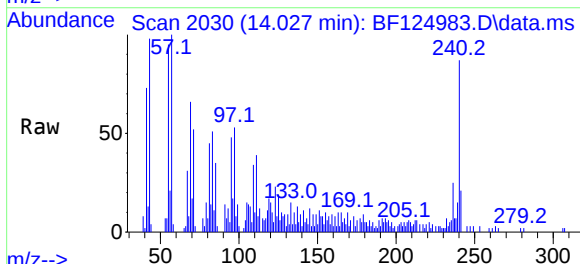
Manual Integrations
APPROVED

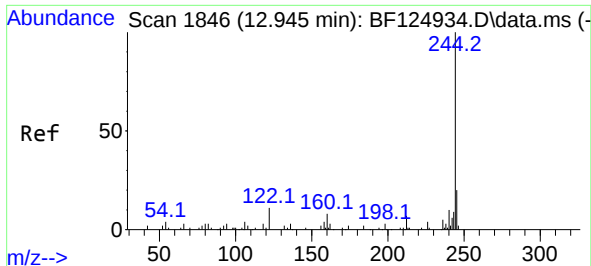
mohammad
8/10/2021 4:24:27 PM



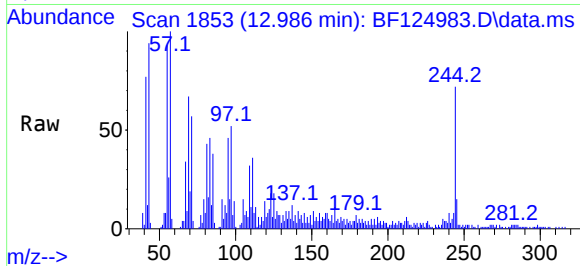
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.036 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

Tgt Ion:	240	Resp:	12442
Ion Ratio	Lower	Upper	
240	100		
120	17.0	10.8	16.2#
236	28.5	21.6	32.4

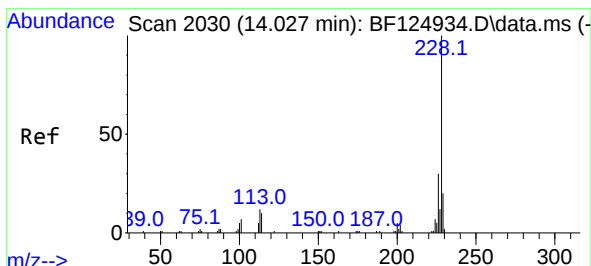
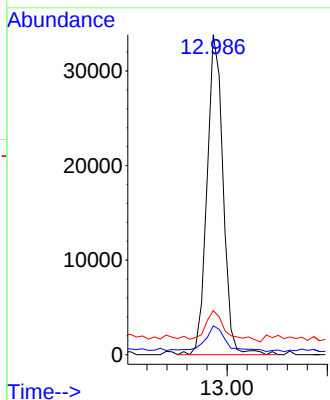
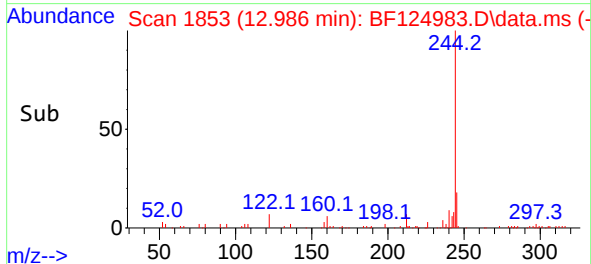




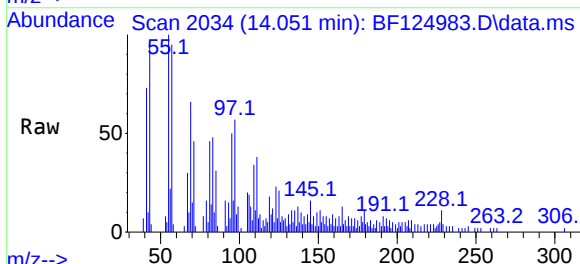
#79
Terphenyl-d14
Concen: 51.231 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.047 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03



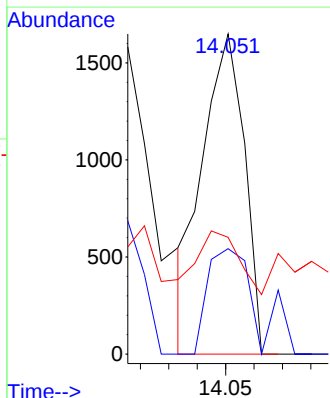
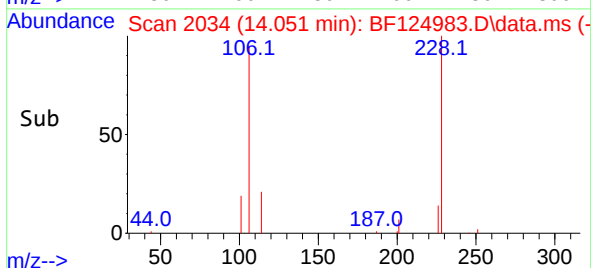
Tgt Ion:244 Resp: 37788
Ion Ratio Lower Upper
244 100
212 9.0 5.9 8.9#
122 13.8 9.0 13.4#



#83
Chrysene
Concen: 2.148 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.030 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03



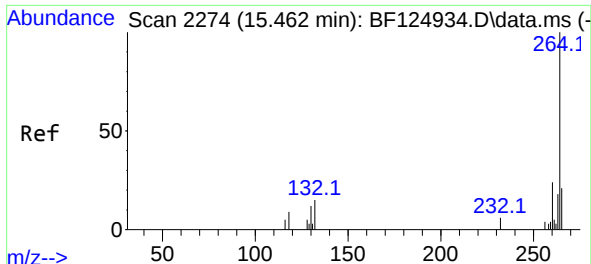
Tgt Ion:228 Resp: 1684
Ion Ratio Lower Upper
228 100
226 32.9 22.6 34.0
229 36.4 15.9 23.9#



Instrument :
BNA_F
ClientSampleId :
26562

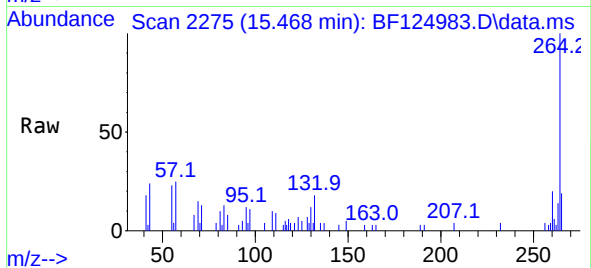
Manual Integrations
APPROVED

mohammad
8/10/2021 4:24:27 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.024 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03

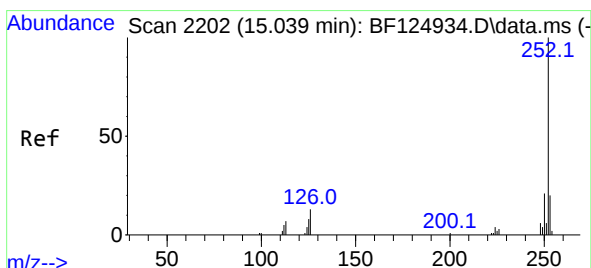
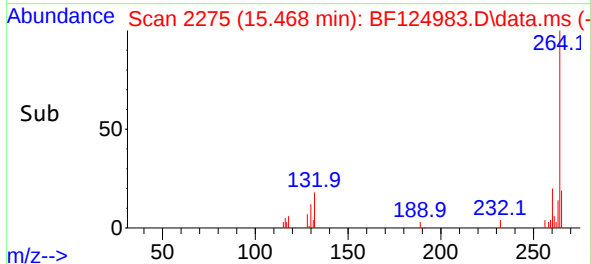
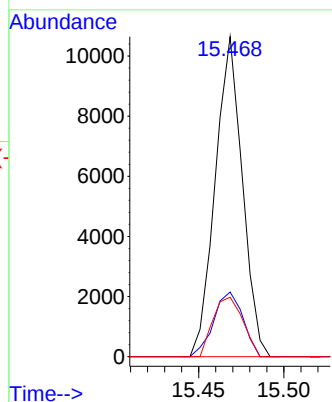
Instrument :
BNA_F
ClientSampled :
26562



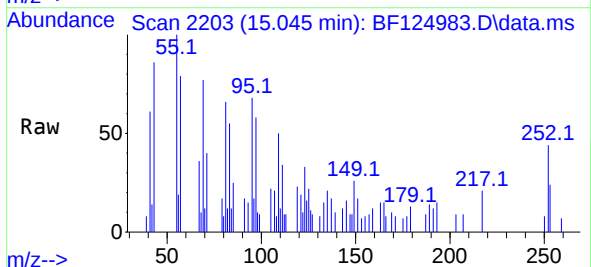
Tgt Ion:264 Resp: 11786
Ion Ratio Lower Upper
264 100
260 20.2 19.6 29.4
265 18.6 17.2 25.8

Manual Integrations
APPROVED

mohammad
8/10/2021 4:24:27 PM



#88
Benzo(b)fluoranthene
Concen: 3.108 ng m
RT: 15.045 min Scan# 2203
Delta R.T. 0.024 min
Lab File: BF124983.D
Acq: 7 Aug 2021 20:03



Tgt Ion:252 Resp: 2572
Ion Ratio Lower Upper
252 100
253 55.0 16.8 25.2#
125 51.7 9.8 14.8#

