

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125049.D
 Acq On : 11 Aug 2021 1:30
 Operator : JU/CG
 Sample : M3295-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-022-ABCD

Manual Integrations
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mohammad
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Quant Time: Aug 11 04:17:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6800	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	24393	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	7220	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	11019	20.000	ng	0.00
76) Chrysene-d12	13.968	240	9223	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	7612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	45598	109.845	ng	0.00
7) Phenol-d6	6.451	99	60691	115.949	ng	0.00
23) Nitrobenzene-d5	7.381	82	40188	86.186	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	7616	118.071	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	44443	90.070	ng	0.00
79) Terphenyl-d14	12.915	244	37973	69.450	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	2280	3.687	ng	97
78) Pyrene	12.774	202	2356	3.243	ng	96
81) Benzo(a)anthracene	13.957	228	1764	2.935	ng	# 93
83) Chrysene	13.992	228	1274	2.193	ng	# 76
88) Benzo(b)fluoranthene	14.998	252	1846m	3.454	ng	
90) Benzo(a)pyrene	15.356	252	1385	3.043	ng	# 86

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

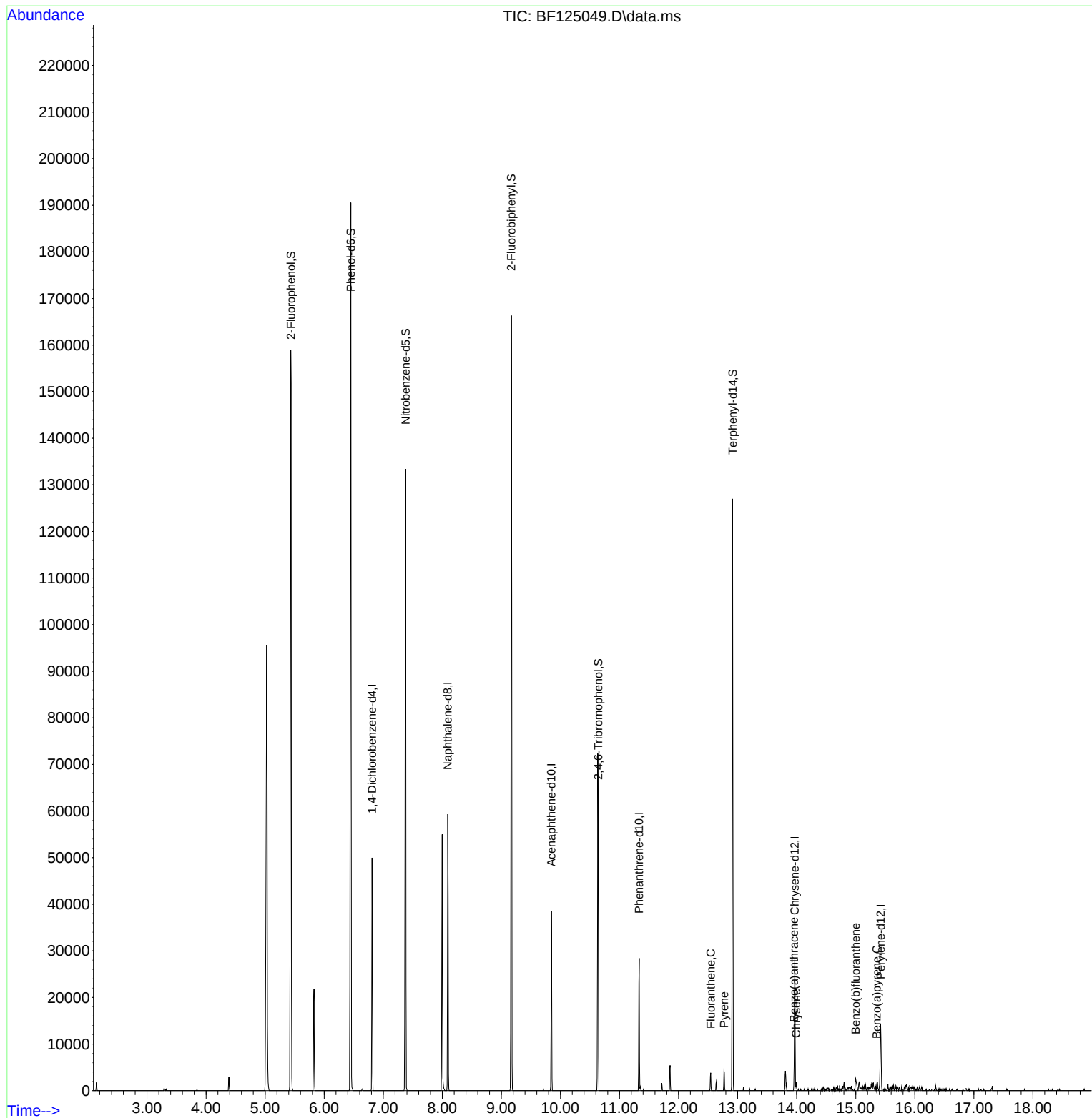
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
Data File : BF125049.D
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Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

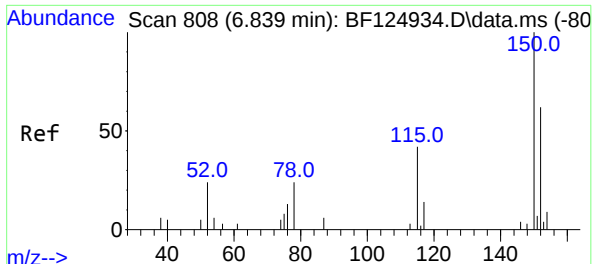
Instrument :
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Manual Integrations
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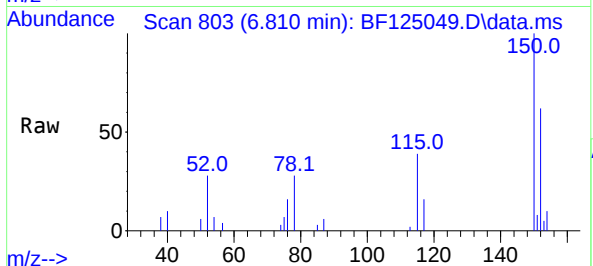
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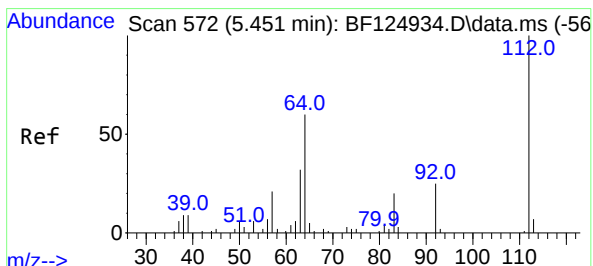
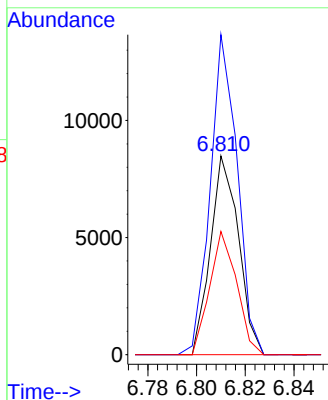
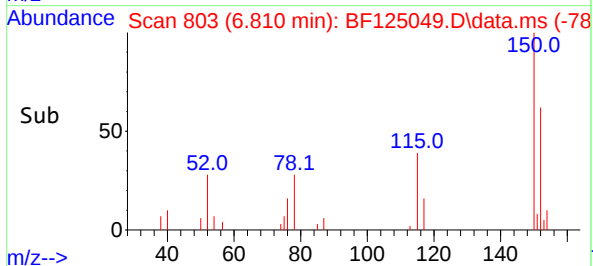




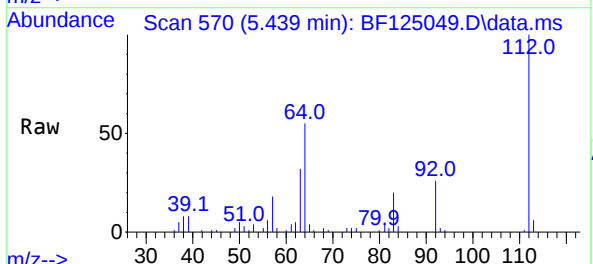
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30



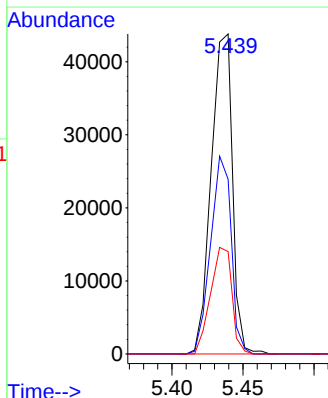
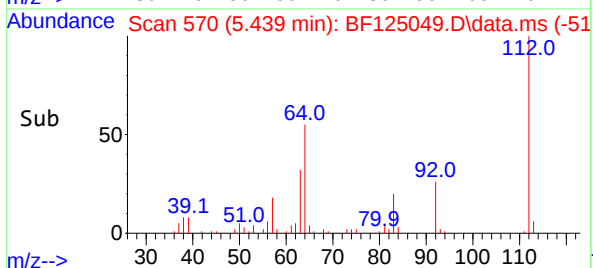
Tgt Ion:152 Resp: 6800
Ion Ratio Lower Upper
152 100
150 161.1 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 109.845 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30



Tgt Ion:112 Resp: 45598
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 32.0 26.2 39.2

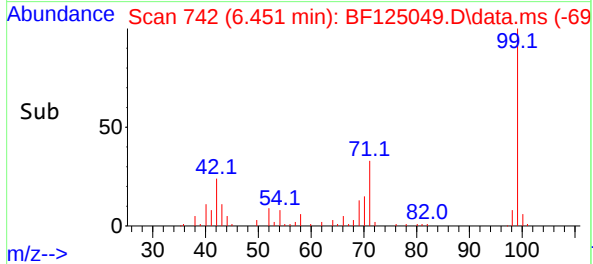
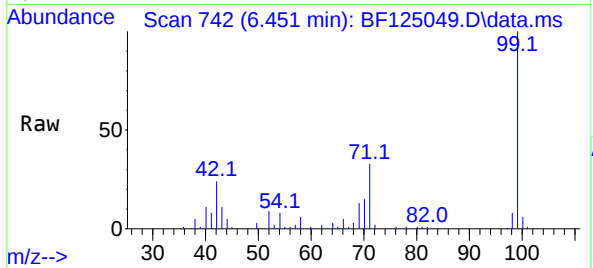
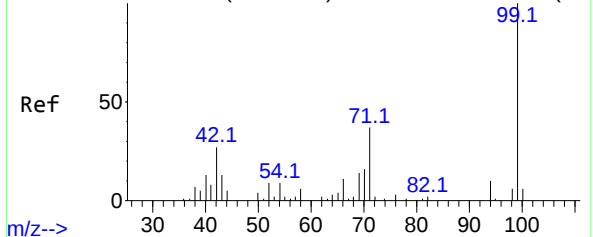


Instrument :
BNA_F
ClientSampleId :
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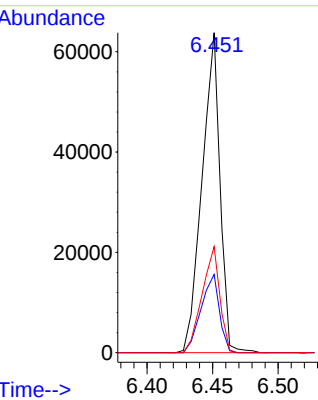
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Abundance Scan 745 (6.469 min): BF124934.D\data.ms (-73



#7
Phenol-d6
Concen: 115.949 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

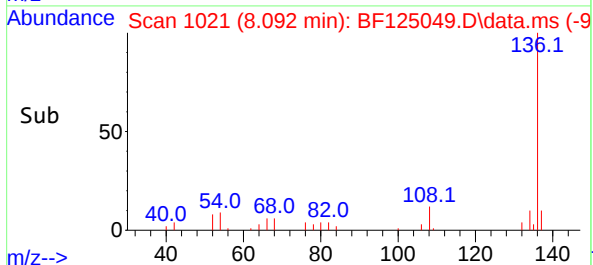
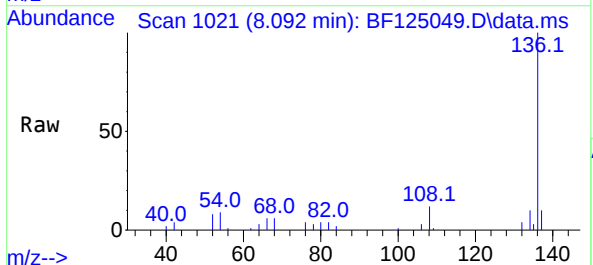
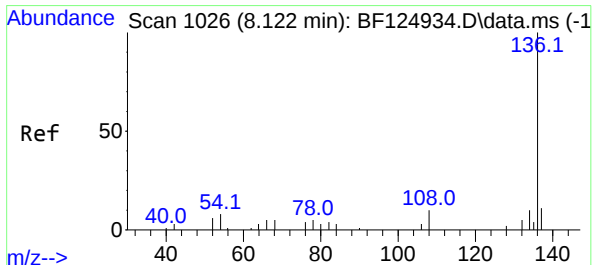
Tgt Ion:	99	Resp:	60691
Ion	Ratio	Lower	Upper
99	100		
42	24.5	23.5	35.3
71	33.2	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
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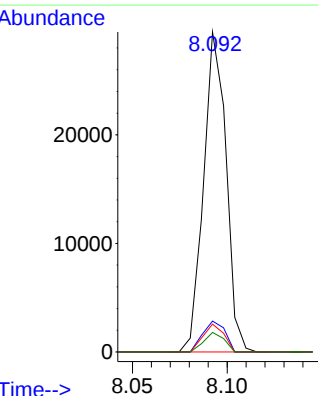
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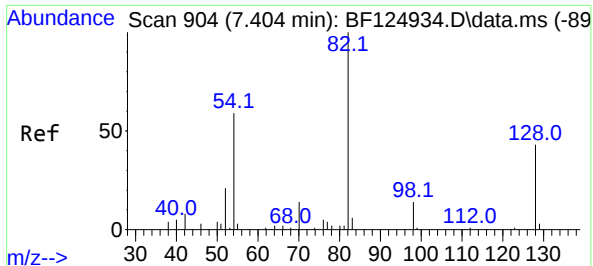
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:	136	Resp:	24393
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.8	14.6#
54	8.7	6.4	9.6
68	6.1	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 86.186 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF125049.D

Acq: 11 Aug 2021 1:30

Tgt Ion:	82	Resp:	40188
Ion Ratio	Lower	Upper	
82	100		
128	46.8	40.6	60.8
54	58.7	49.6	74.4

Instrument :

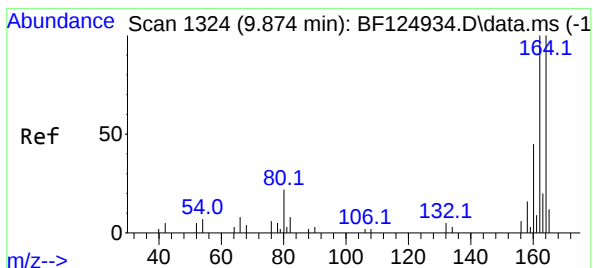
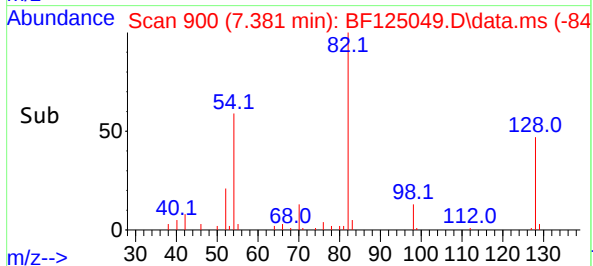
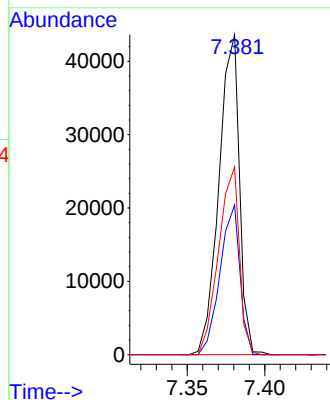
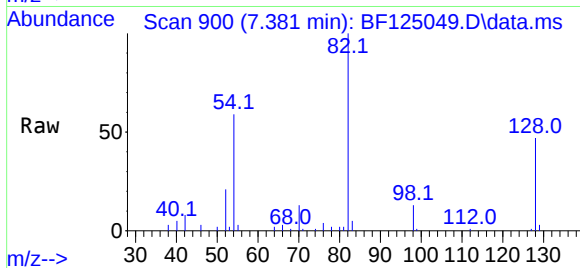
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

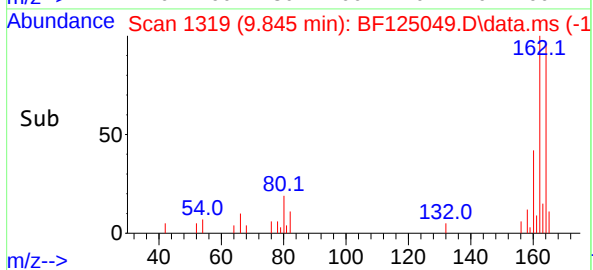
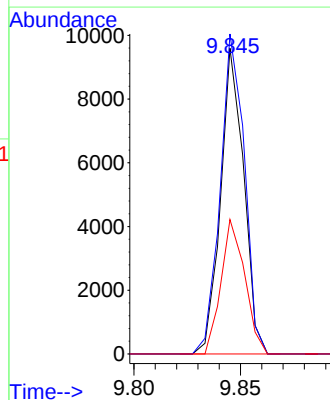
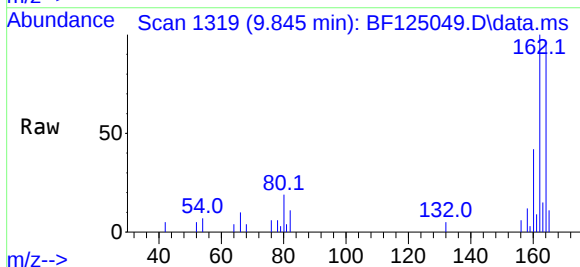
RT: 9.845 min Scan# 1319

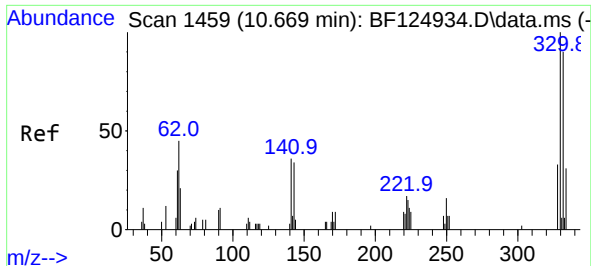
Delta R.T. -0.006 min

Lab File: BF125049.D

Acq: 11 Aug 2021 1:30

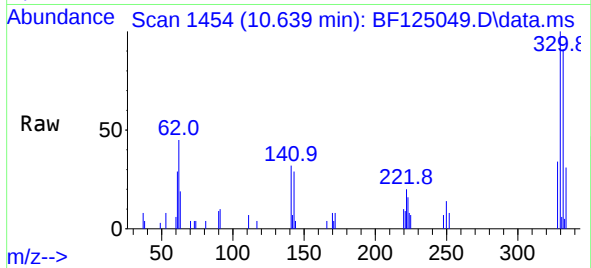
Tgt Ion:	164	Resp:	7220
Ion Ratio	Lower	Upper	
164	100		
162	104.6	81.3	121.9
160	43.9	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 118.071 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

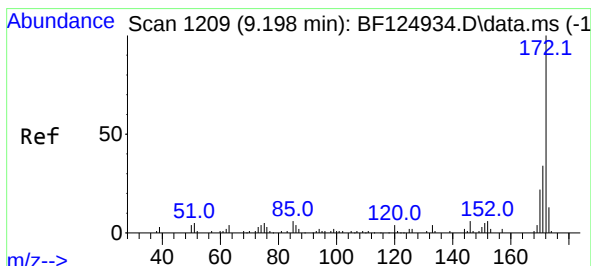
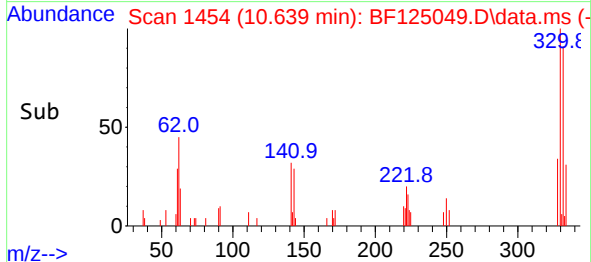
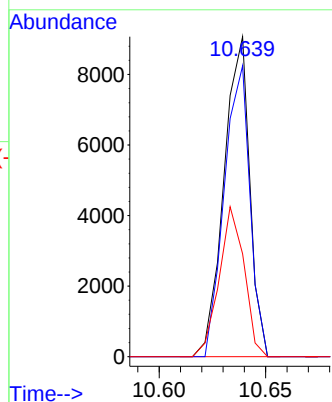
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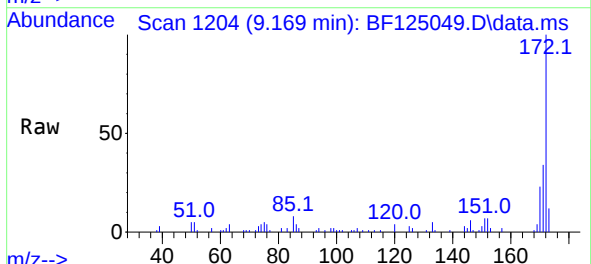
Tgt Ion: 330 Resp: 7616
Ion Ratio Lower Upper
330 100
332 90.5 76.2 114.4
141 45.6 44.6 66.8

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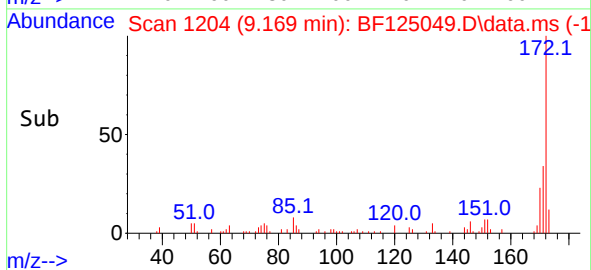
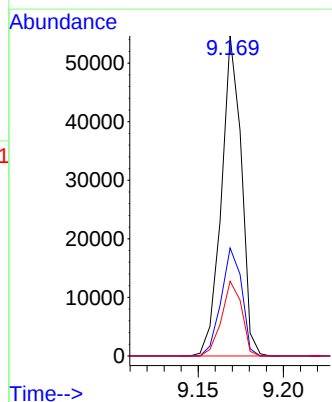
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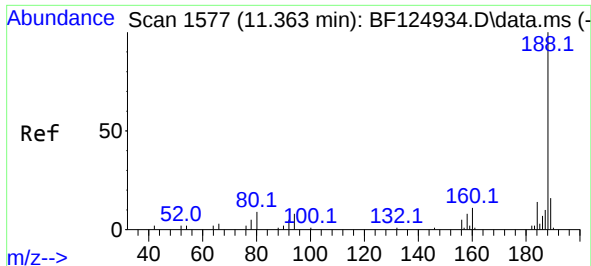


#45
2-Fluorobiphenyl
Concen: 90.070 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30



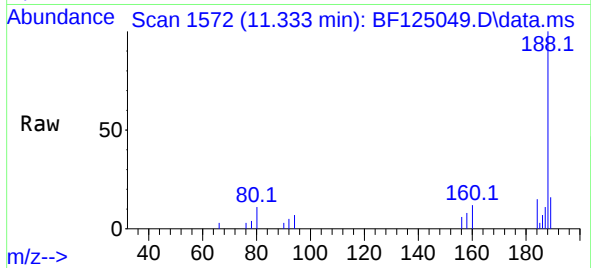
Tgt Ion: 172 Resp: 44443
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 23.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

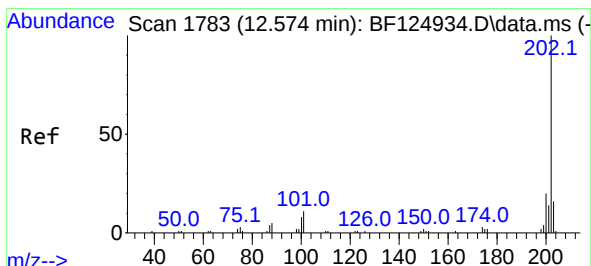
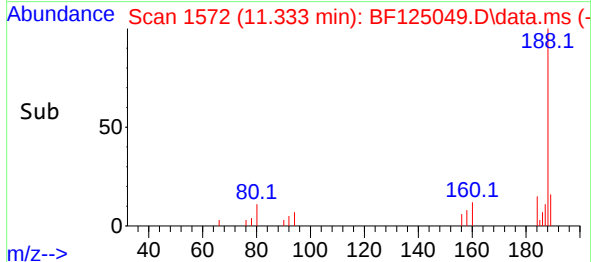
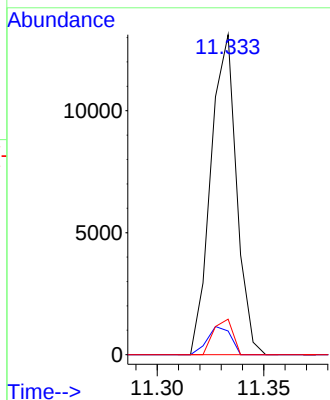
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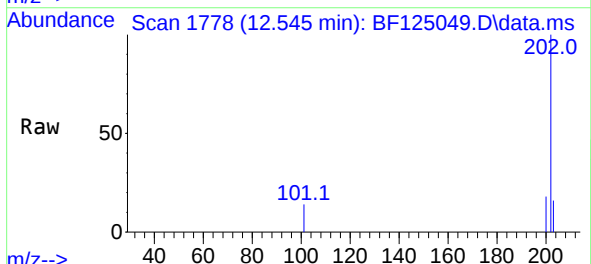
Tgt Ion:188 Resp: 11019
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 11.1 7.5 11.3

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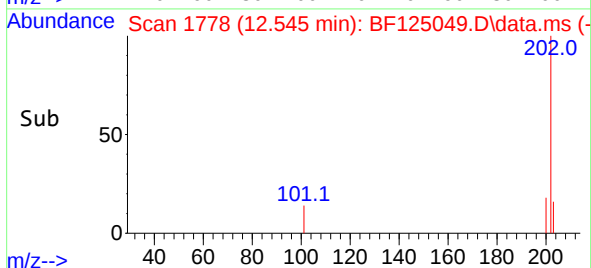
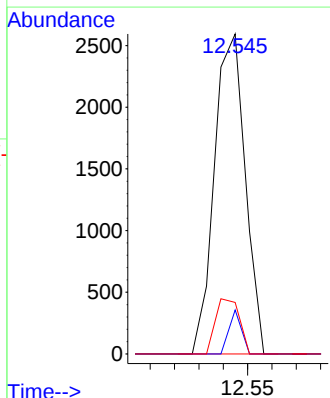
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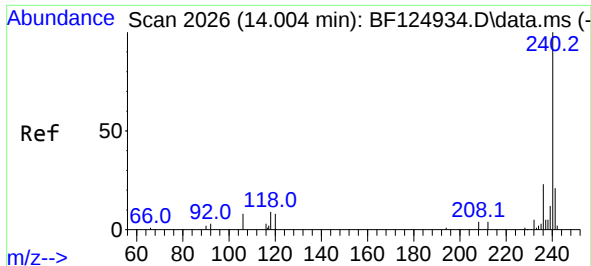


#75
Fluoranthene
Concen: 3.687 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30



Tgt Ion:202 Resp: 2280
Ion Ratio Lower Upper
202 100
101 13.7 0.0 30.7
203 16.1 0.0 36.3





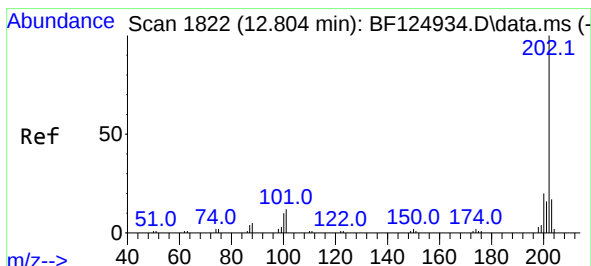
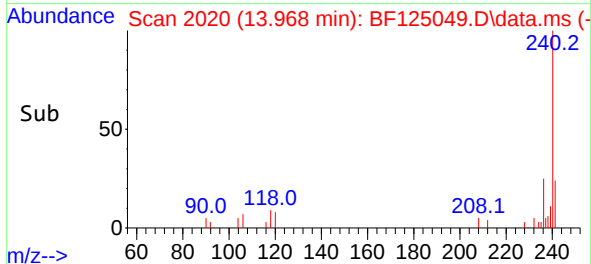
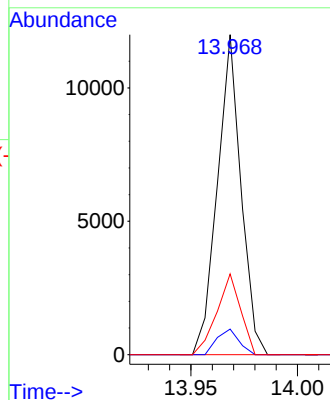
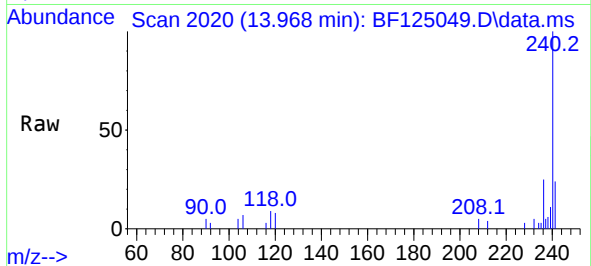
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:	240	Resp:	9223
Ion Ratio	Lower	Upper	
240	100		
120	8.0	10.8	16.2#
236	25.2	21.6	32.4

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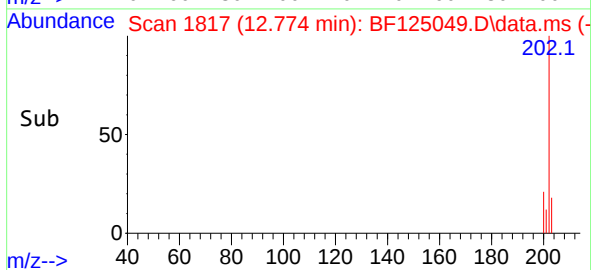
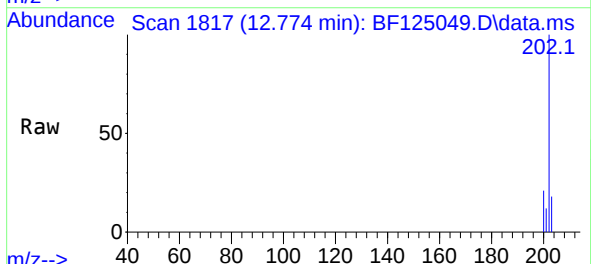
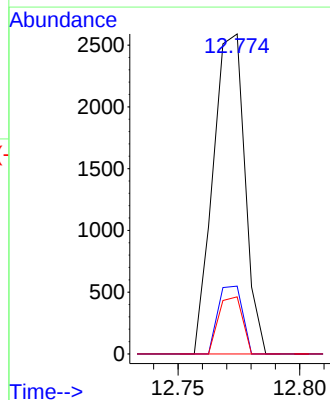
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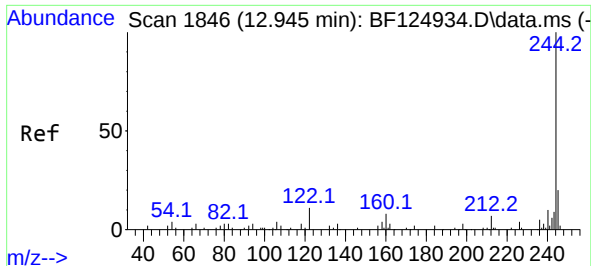
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#78
Pyrene
Concen: 3.243 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:	202	Resp:	2356
Ion Ratio	Lower	Upper	
202	100		
200	21.2	15.3	22.9
203	17.8	13.4	20.0





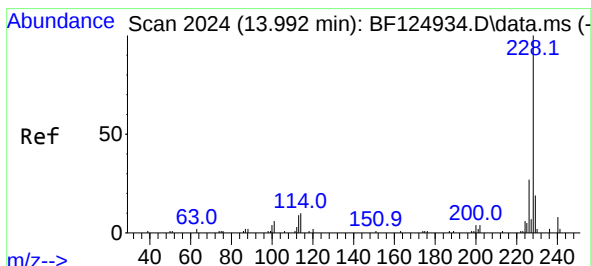
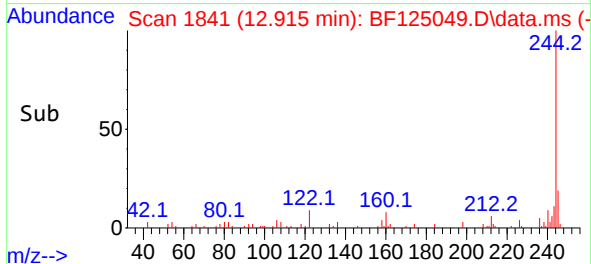
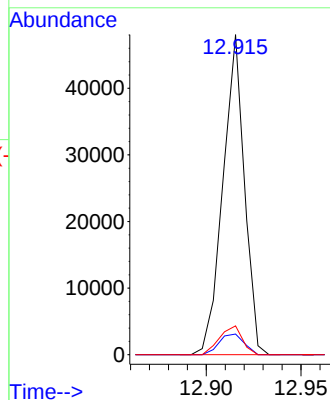
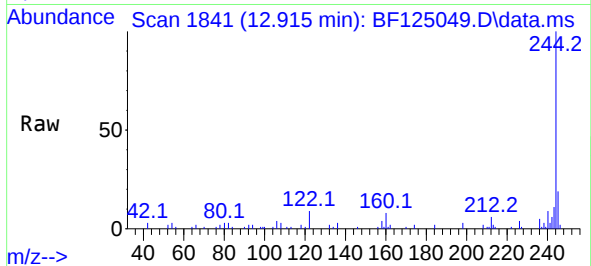
#79
Terphenyl-d14
Concen: 69.450 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:244	Resp:	37973
Ion	Ratio	Lower Upper
244	100	
212	6.4	5.9 8.9
122	9.0	9.0 13.4

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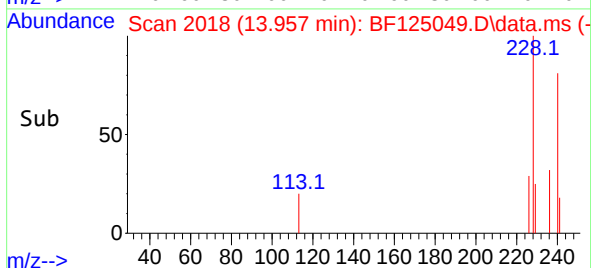
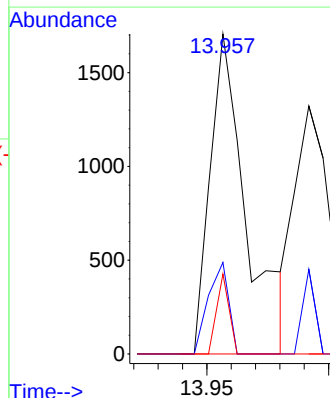
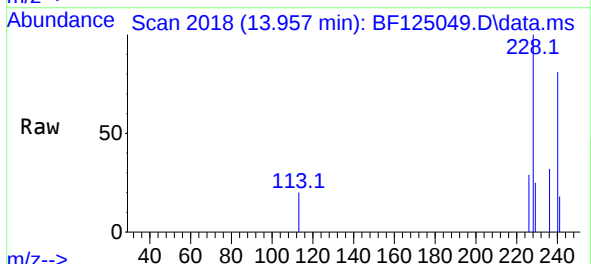
Manual Integrations
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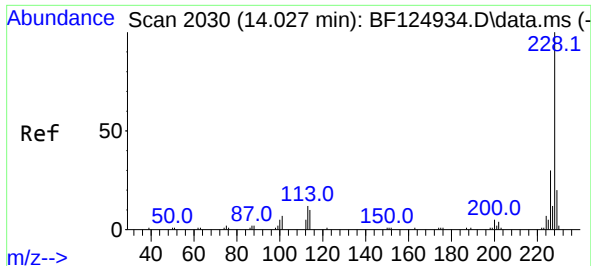
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#81
Benzo(a)anthracene
Concen: 2.935 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

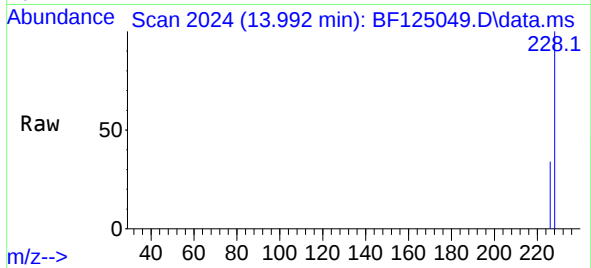
Tgt Ion:228	Resp:	1764
Ion	Ratio	Lower Upper
228	100	
226	28.6	21.6 32.4
229	25.0	15.6 23.4





#83
Chrysene
Concen: 2.193 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

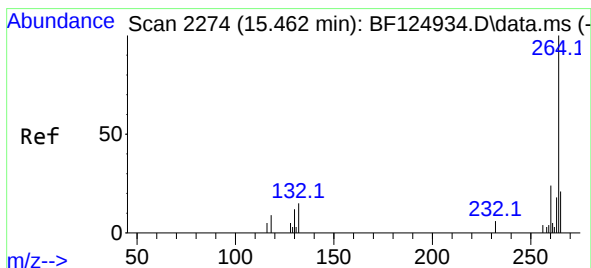
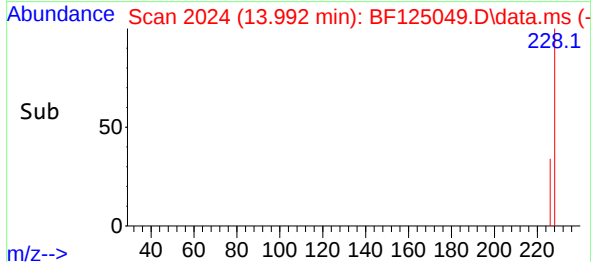
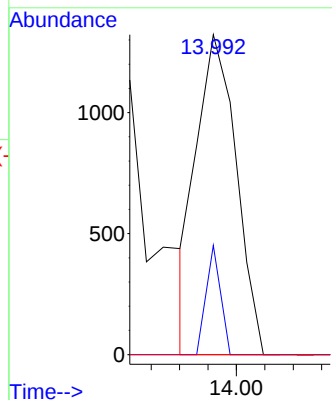
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD



Tgt Ion:228 Resp: 1274
Ion Ratio Lower Upper
228 100
226 34.1 22.6 34.0#
229 0.0 15.9 23.9#

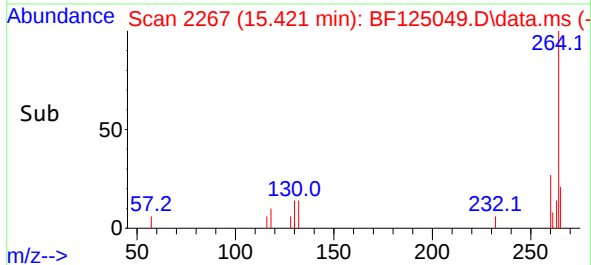
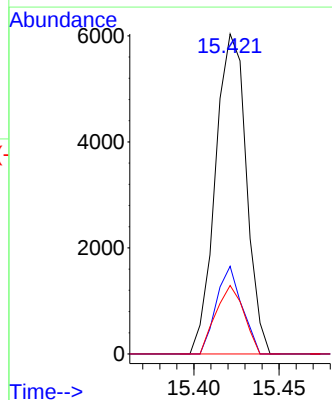
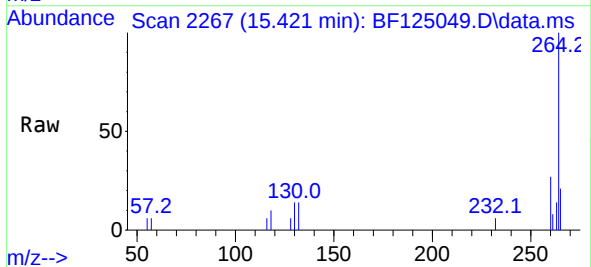
Manual Integrations
APPROVED

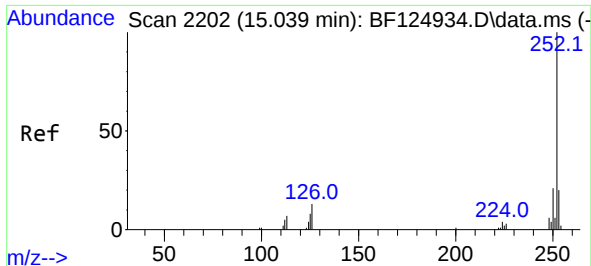
mohammad
8/11/2021 9:31:27 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

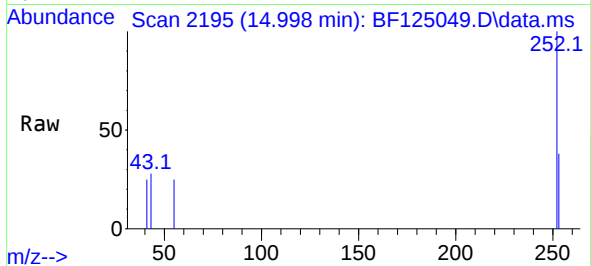
Tgt Ion:264 Resp: 7612
Ion Ratio Lower Upper
264 100
260 27.4 19.6 29.4
265 21.4 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.454 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

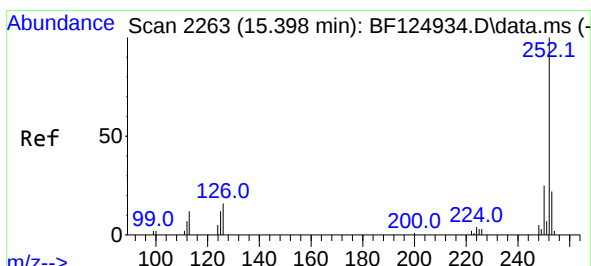
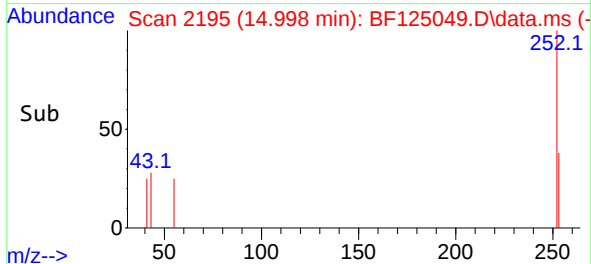
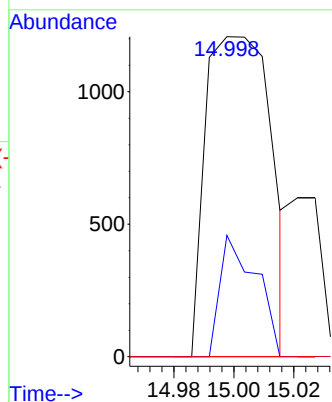
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD



Tgt Ion:252 Resp: 1846
Ion Ratio Lower Upper
252 100
253 37.9 16.8 25.2#
125 0.0 9.8 14.8#

Manual Integrations
APPROVED

mohammad
8/11/2021 9:31:27 PM



#90
Benzo(a)pyrene
Concen: 3.043 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:252 Resp: 1385
Ion Ratio Lower Upper
252 100
253 25.2 18.4 27.6
125 0.0 9.9 14.9#

