

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123351.D
 Acq On : 2 Mar 2021 23:05
 Operator : JU/CG
 Sample : M1525-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-030121

Manual Integrations
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Quant Time: Mar 02 23:53:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	130926	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	538802	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	276942	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	479111	20.00	ng	0.00
76) Chrysene-d12	14.039	240	295820	20.00	ng	0.00
86) Perylene-d12	15.521	264	289766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	63535	6.99	ng	0.00
7) Phenol-d6	6.487	99	81918	6.63	ng	0.00
23) Nitrobenzene-d5	7.410	82	54312	4.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	17343	6.15	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	90212	4.68	ng	-0.01
79) Terphenyl-d14	12.974	244	81705	5.31	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	171247	6.04	ng	99
75) Fluoranthene	12.604	202	138347	4.61	ng	99
78) Pyrene	12.833	202	151779	6.57	ng	99
81) Benzo(a)anthracene	14.027	228	41286	2.05	ng	# 90
83) Chrysene	14.063	228	52208m	2.64	ng	
90) Benzo(a)pyrene	15.457	252	36418	2.01	ng	# 79

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

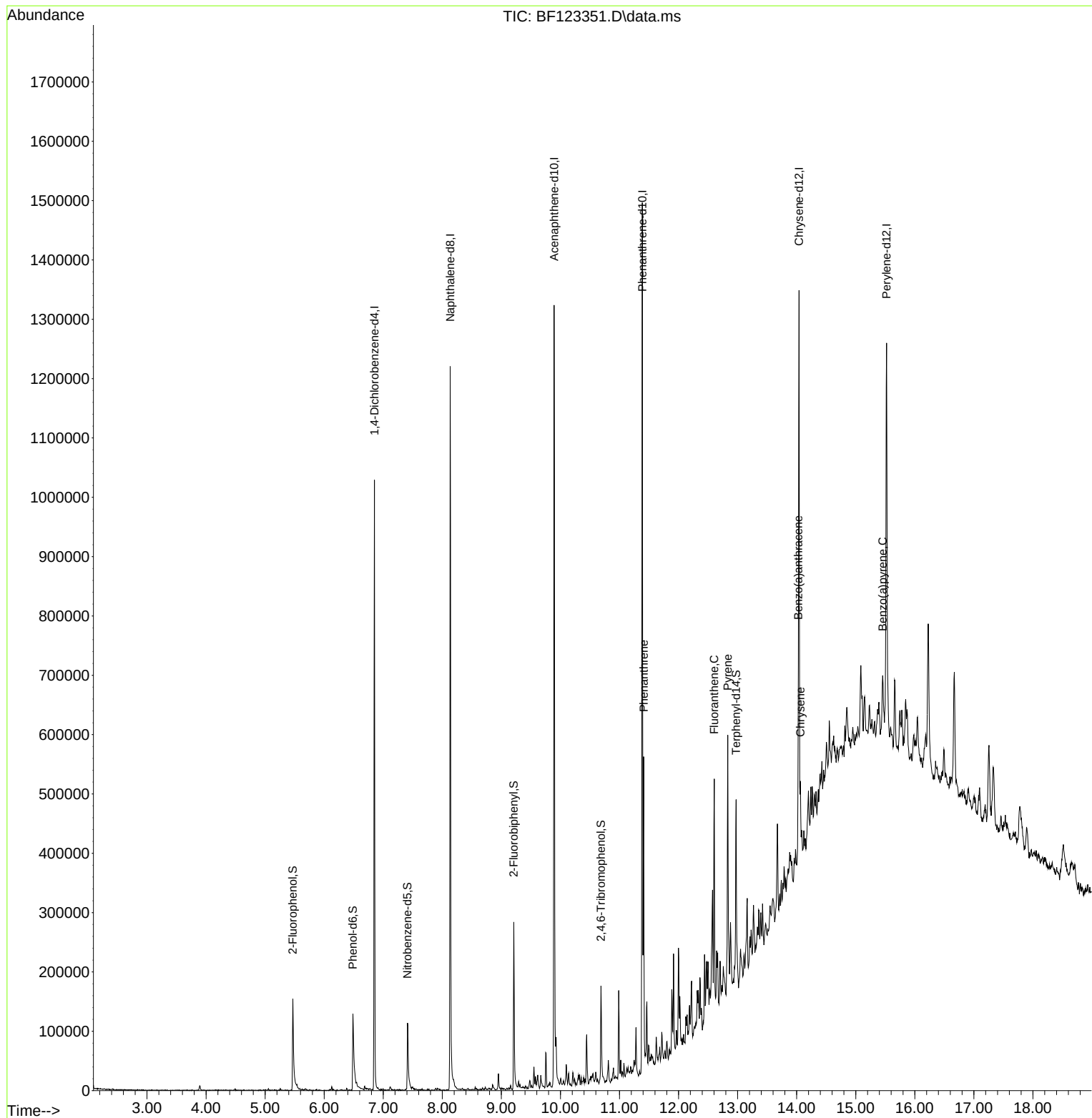
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Data File : BF123351.D
Acq On : 2 Mar 2021 23:05
Operator : JU/CG
Sample : M1525-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

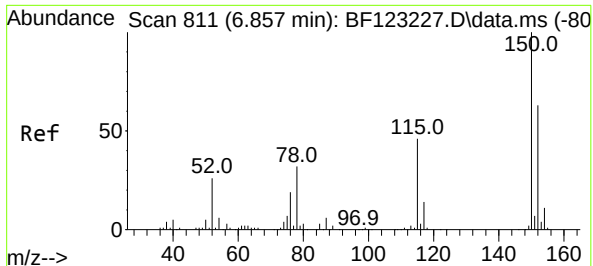
Instrument :
BNA_F
ClientSampleId :
OK-01-030121

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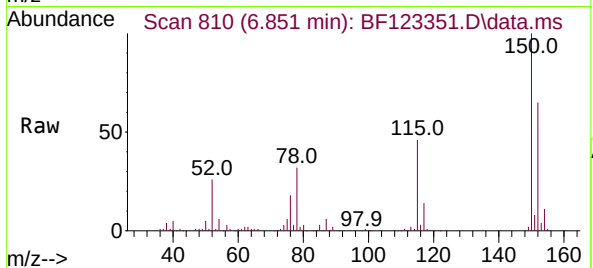
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Quant Time: Mar 02 23:53:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

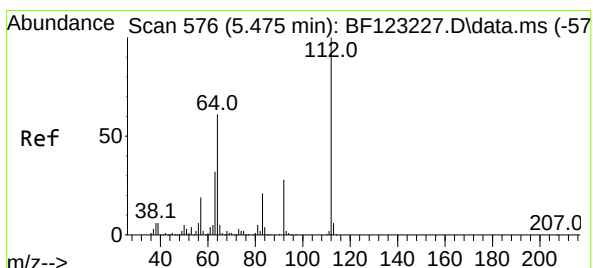
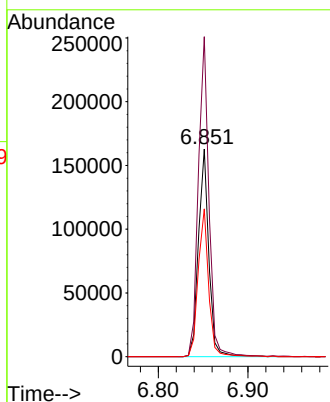
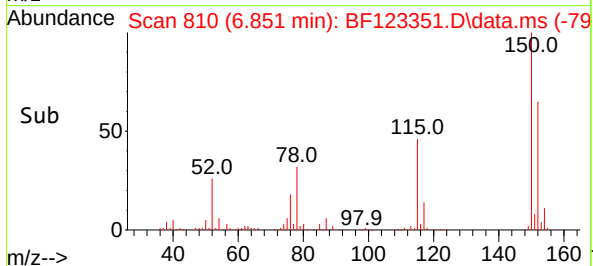




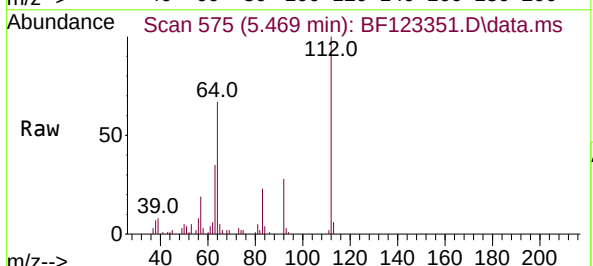
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05



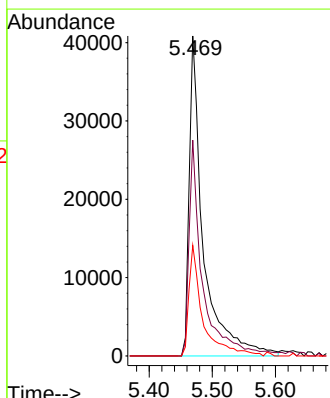
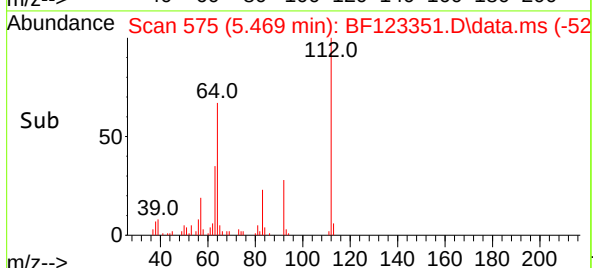
Tgt Ion:152 Resp: 130926
Ion Ratio Lower Upper
152 100
150 154.0 125.8 188.6
115 71.2 49.3 73.9



#5
2-Fluorophenol
Concen: 6.99 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05



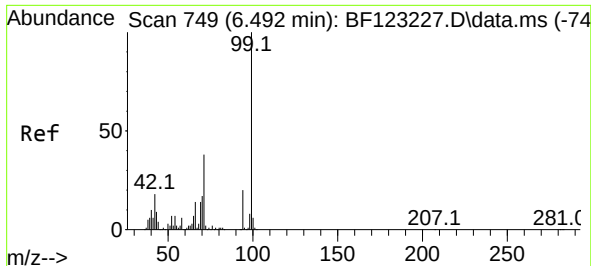
Tgt Ion:112 Resp: 63535
Ion Ratio Lower Upper
112 100
64 67.5 46.9 70.3
63 34.5 24.5 36.7



Instrument :
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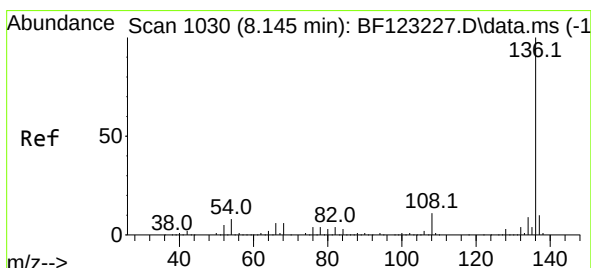
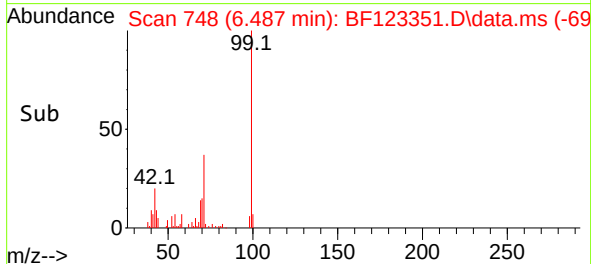
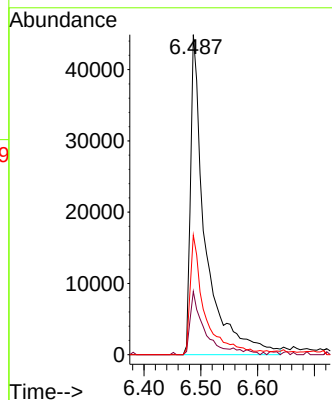
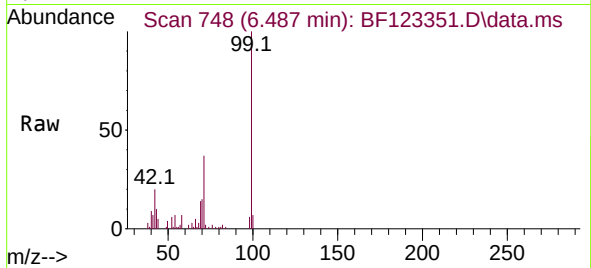
#7
Phenol-d6
Concen: 6.63 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:	99	Resp:	81918
Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.8	20.6
71	37.4	26.9	40.3

Instrument :
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OK-01-030121

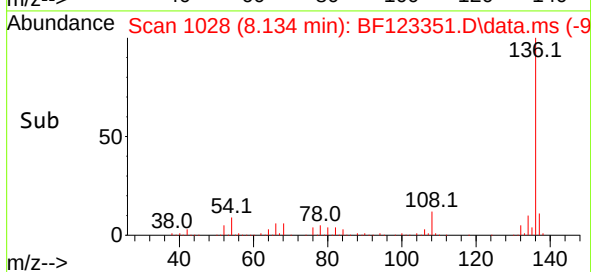
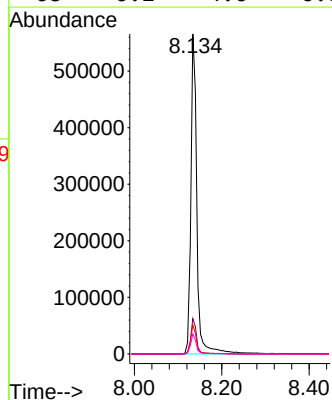
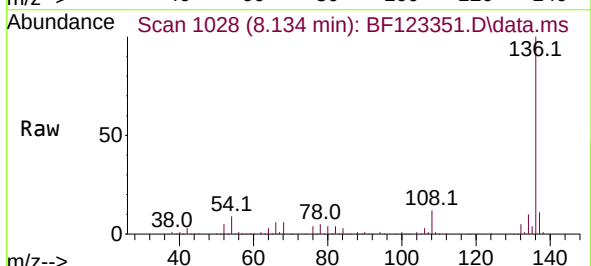
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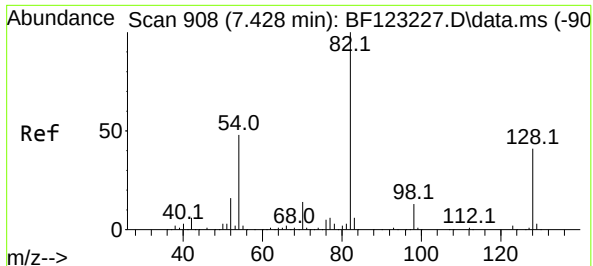
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:	136	Resp:	538802
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.1	5.5	8.3#
68	6.2	4.6	6.8





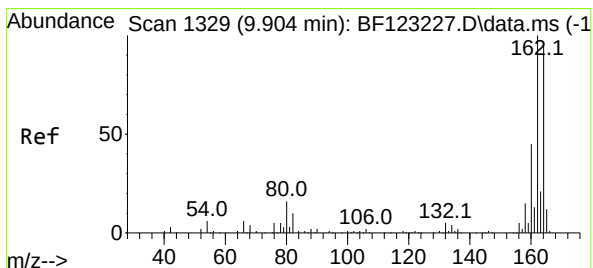
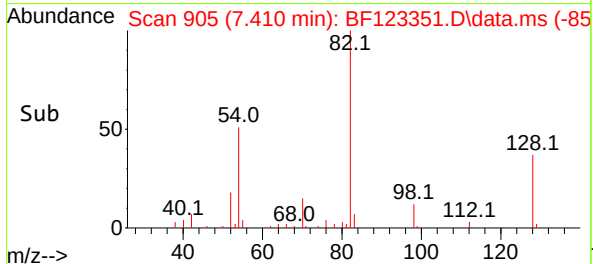
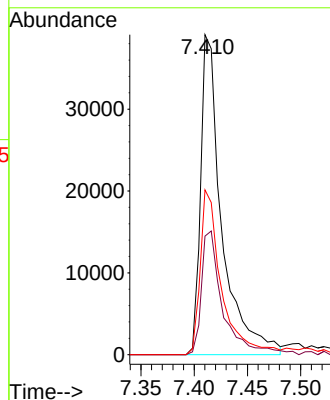
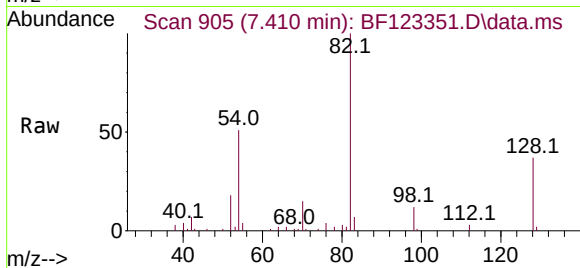
#23
Nitrobenzene-d5
Concen: 4.61 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion: 82 Resp: 54312
Ion Ratio Lower Upper
82 100
128 37.0 37.0 55.4
54 51.5 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
OK-01-030121

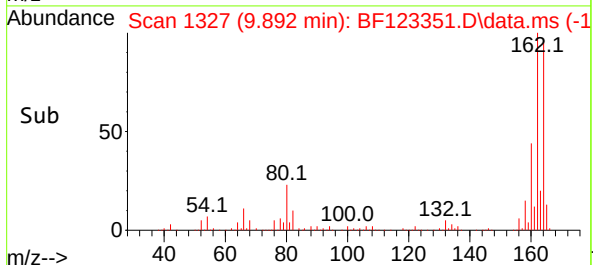
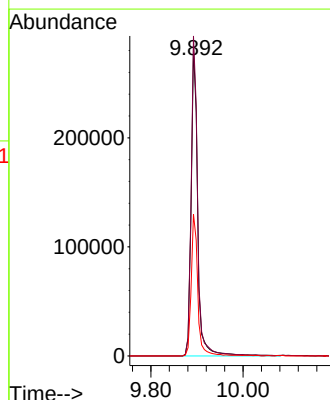
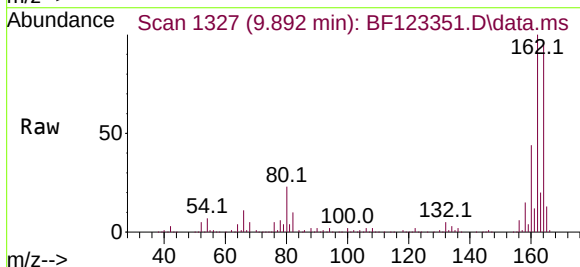
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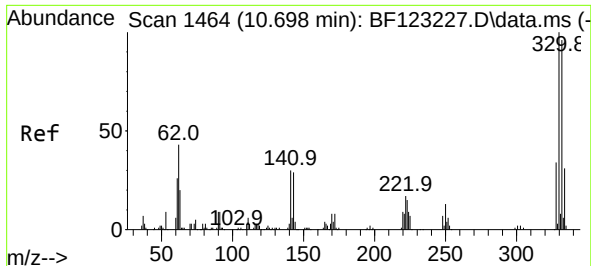
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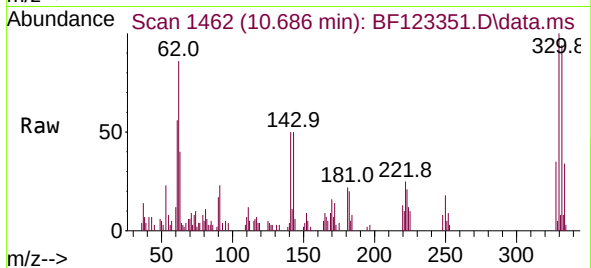
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:164 Resp: 276942
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 46.1 35.4 53.0

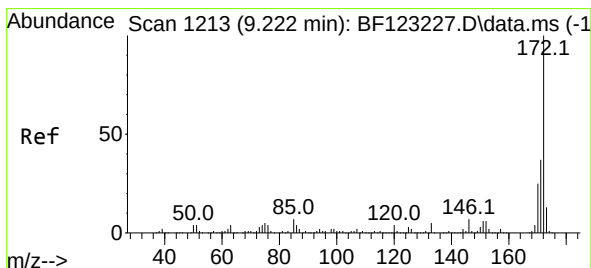
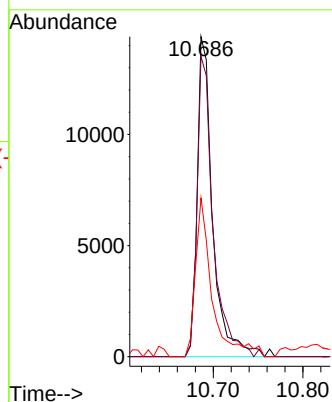
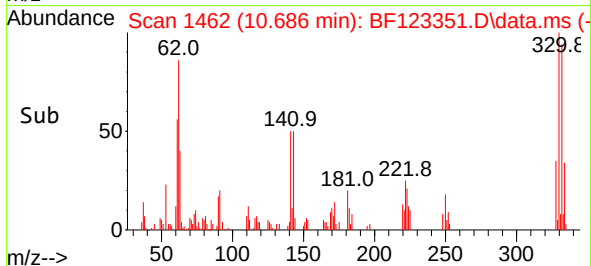




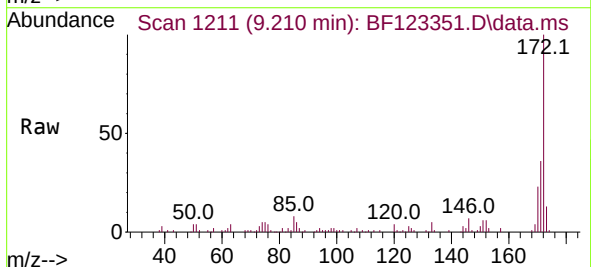
#42
2,4,6-Tribromophenol
Concen: 6.15 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05



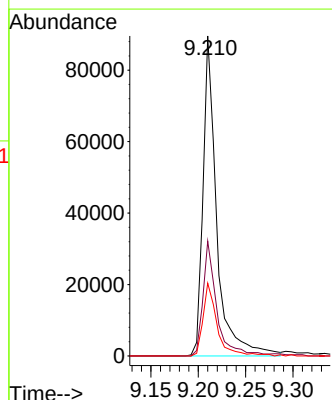
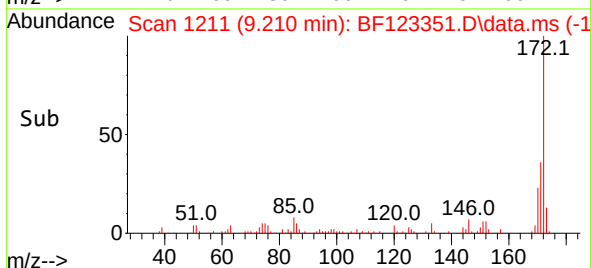
Tgt Ion: 330 Resp: 17343
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 52.9 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 4.68 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05



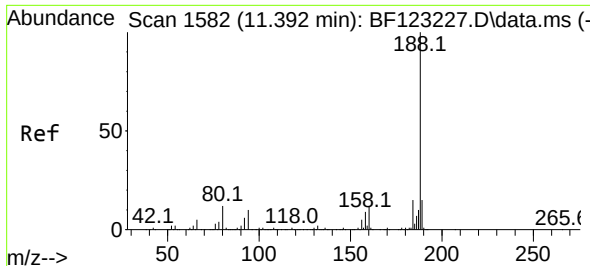
Tgt Ion: 172 Resp: 90212
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 22.8 19.5 29.3



Instrument :
BNA_F
ClientSampleId :
OK-01-030121

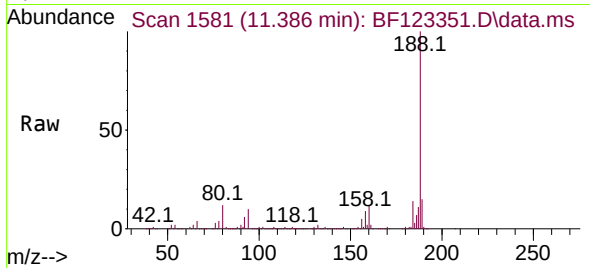
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

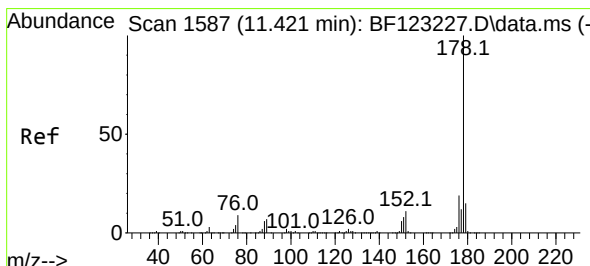
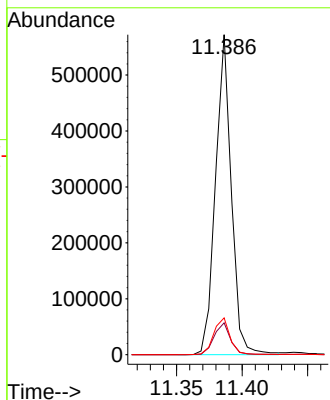
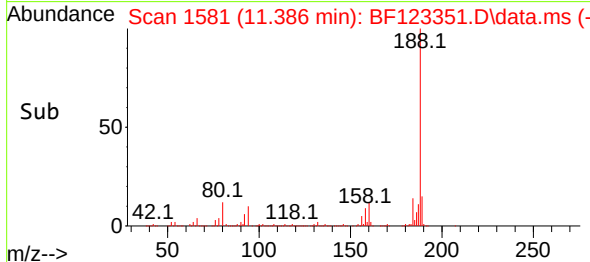
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ClientSampleId :
OK-01-030121



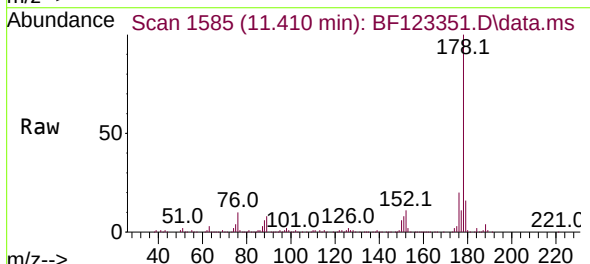
Tgt Ion:188 Resp: 479111
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.5 8.2 12.4

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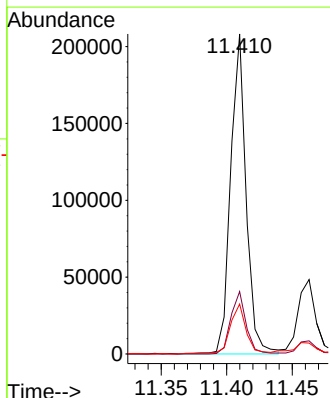
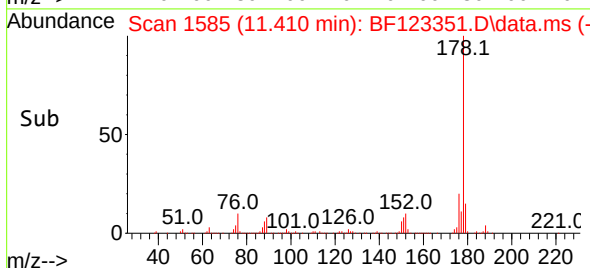
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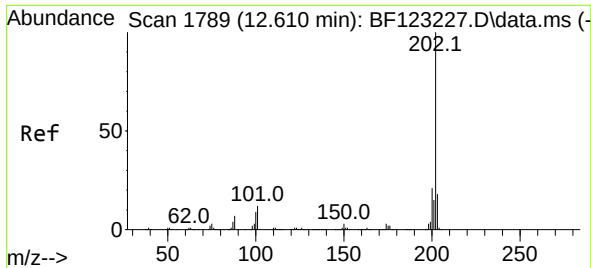


#71
Phenanthrene
Concen: 6.04 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05



Tgt Ion:178 Resp: 171247
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.6 12.7 19.1





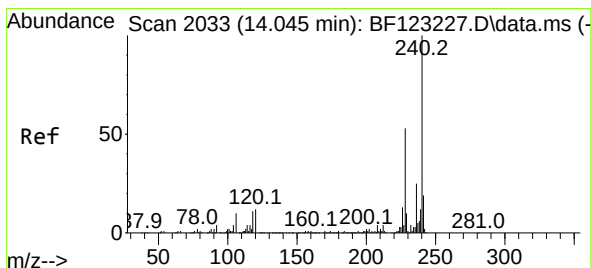
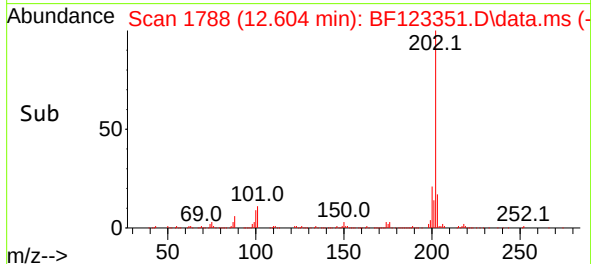
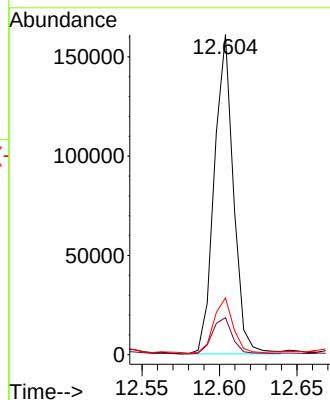
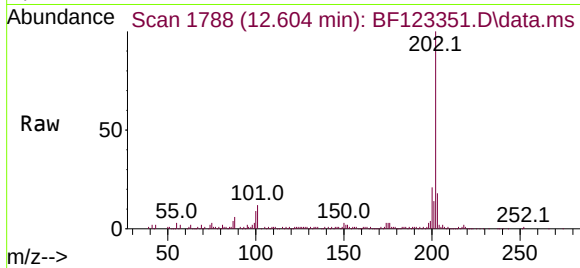
#75
Fluoranthene
Concen: 4.61 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:202 Resp: 138347
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 17.8 0.0 38.1

Instrument :
BNA_F
ClientSampleId :
OK-01-030121

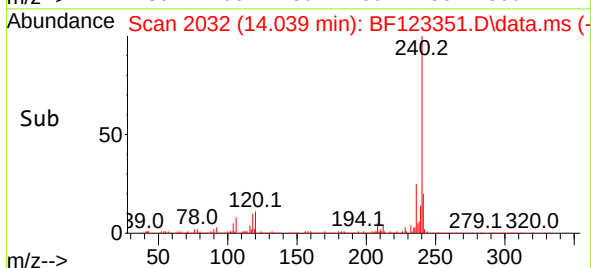
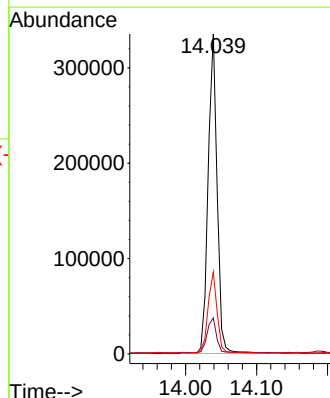
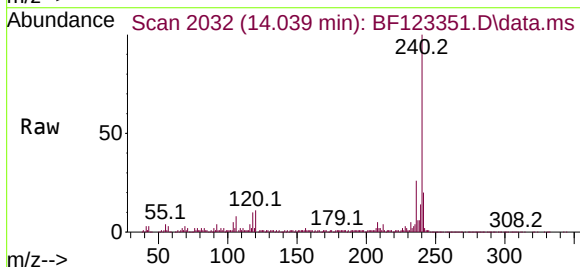
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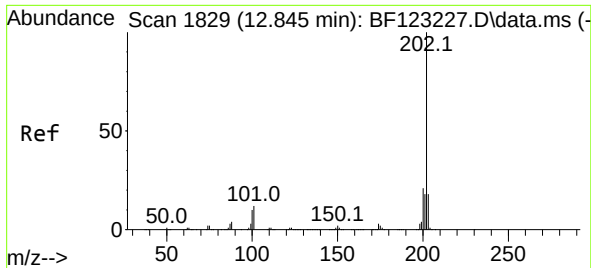
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:240 Resp: 295820
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.7 20.3 30.5





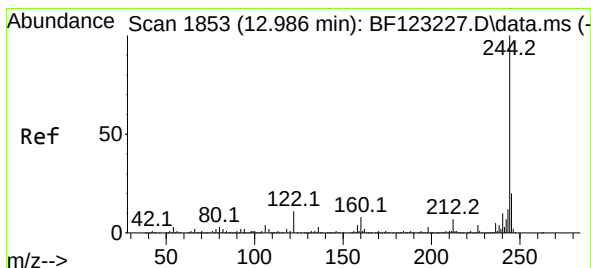
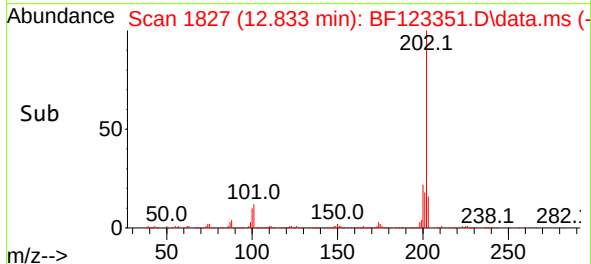
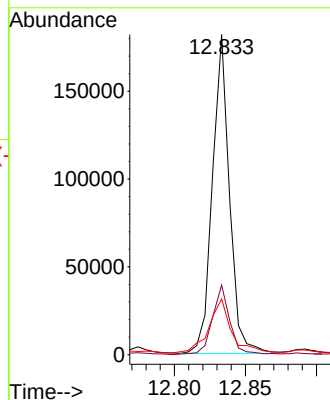
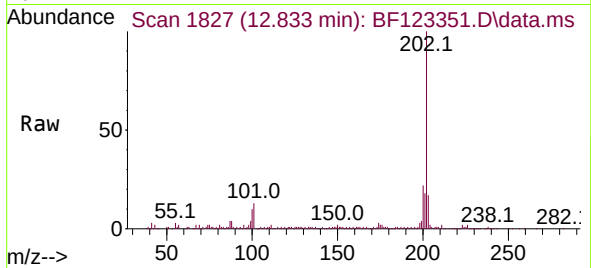
#78
Pyrene
Concen: 6.57 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:202 Resp: 151779
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.4 14.6 21.8

Instrument :
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ClientSampleId :
OK-01-030121

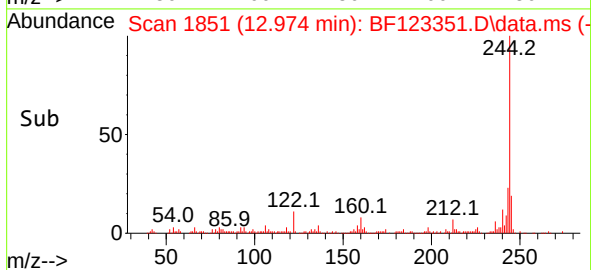
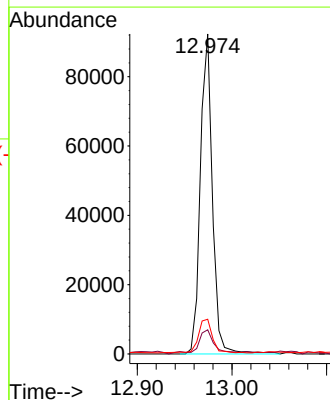
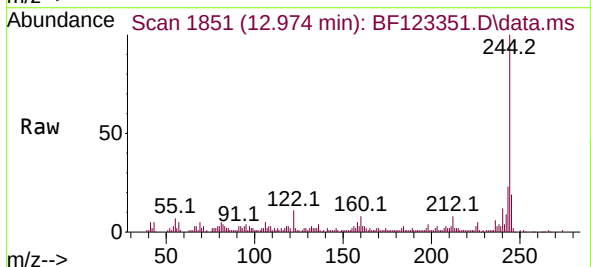
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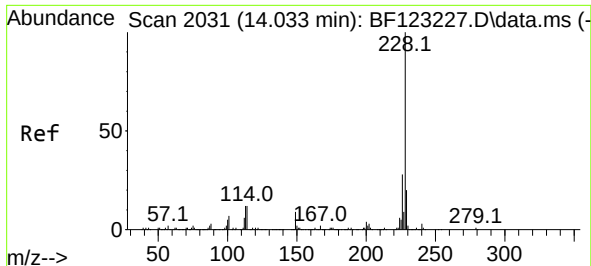
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#79
Terphenyl-d14
Concen: 5.31 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:244 Resp: 81705
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.9 8.3 12.5





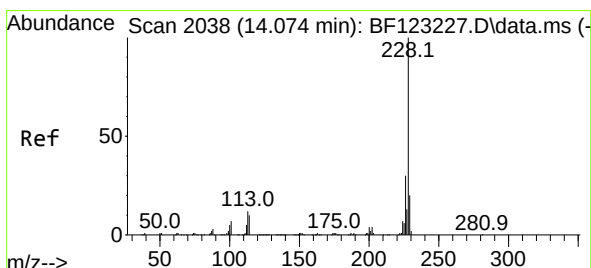
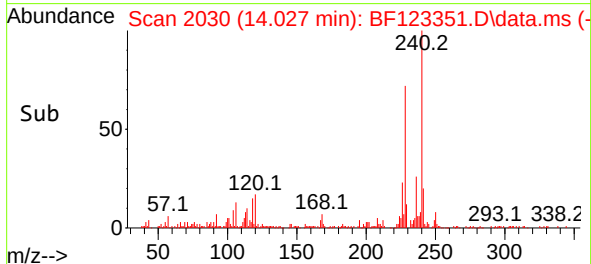
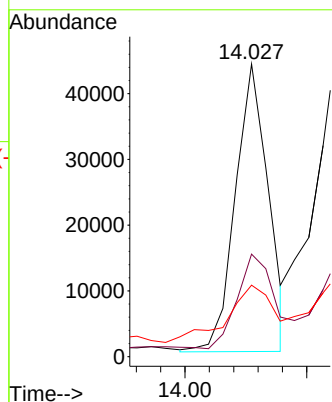
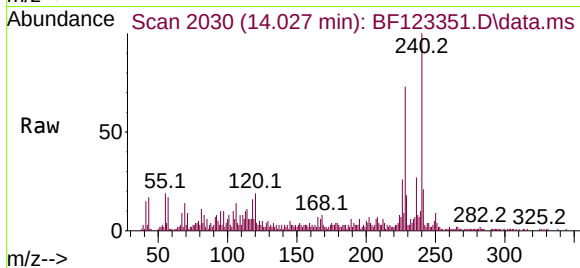
#81
Benzo(a)anthracene
Concen: 2.05 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

Tgt Ion:228 Resp: 41286
Ion Ratio Lower Upper
228 100
226 35.0 23.0 34.4#
229 24.4 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
OK-01-030121

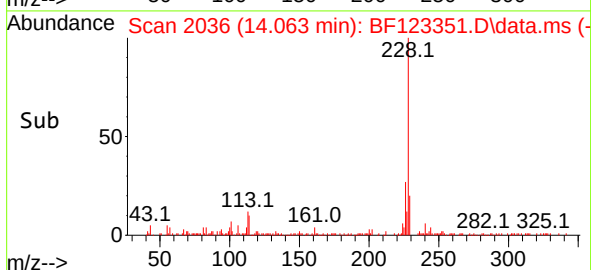
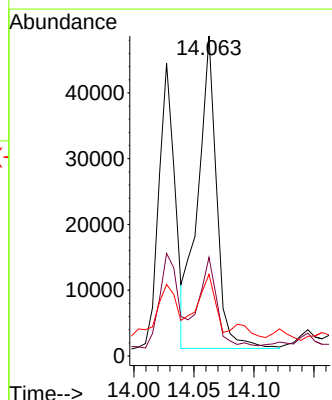
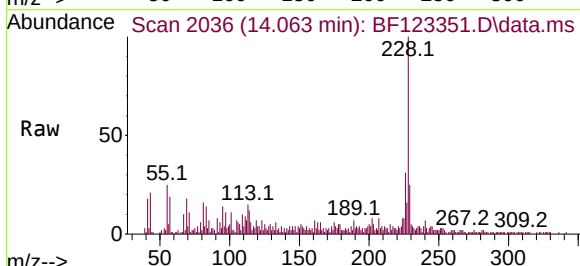
Manual Integrations
APPROVED

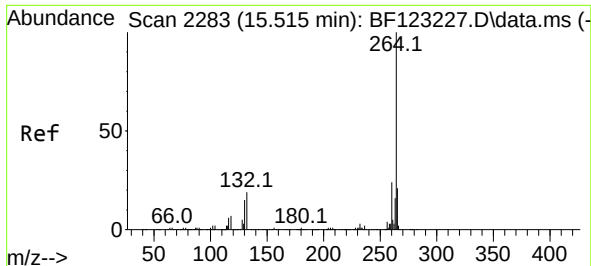
mohammad
3/3/2021 11:01:51 AM



#83
Chrysene
Concen: 2.64 ng m
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

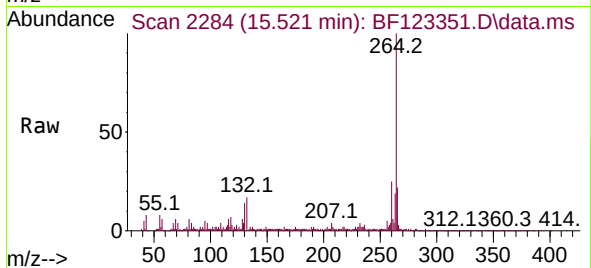
Tgt Ion:228 Resp: 52208
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 25.5 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05

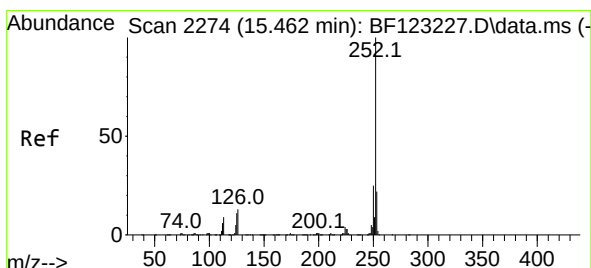
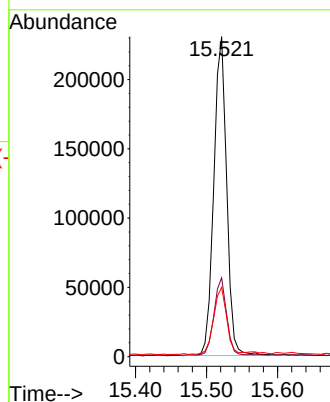
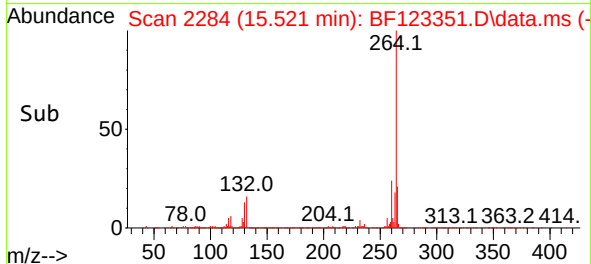
Instrument :
BNA_F
ClientSampleId :
OK-01-030121



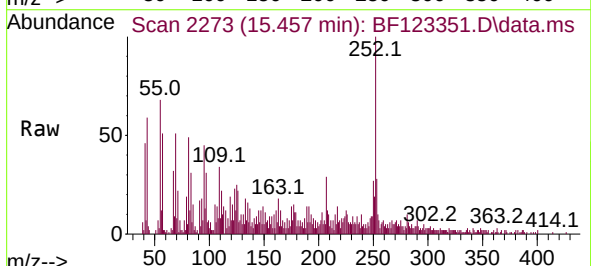
Tgt Ion:264 Resp: 289766
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 21.6 17.0 25.6

Manual Integrations
APPROVED

mohammad
3/3/2021 11:01:51 AM



#90
Benzo(a)pyrene
Concen: 2.01 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF123351.D
Acq: 2 Mar 2021 23:05



Tgt Ion:252 Resp: 36418
Ion Ratio Lower Upper
252 100
253 27.9 17.5 26.3#
125 24.8 8.6 12.8#

