

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125457.D
 Acq On : 13 Sep 2021 22:26
 Operator : JU/CG
 Sample : M3684-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A017145

Manual Integrations
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Quant Time: Sep 14 03:31:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	147629	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	523789	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	240197	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	386362	20.000	ng	0.00
76) Chrysene-d12	14.062	240	281664	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	204803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	791431	81.143	ng	0.00
7) Phenol-d6	6.522	99	968492	76.777	ng	-0.01
23) Nitrobenzene-d5	7.451	82	620492	59.639	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	219437	91.520	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	975689	56.614	ng	0.00
79) Terphenyl-d14	13.004	244	942995	53.336	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.633	202	67636	3.202	ng	99
78) Pyrene	12.863	202	59494	2.462	ng	98
88) Benzo(b)fluoranthene	15.115	252	32172m	2.150	ng	

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

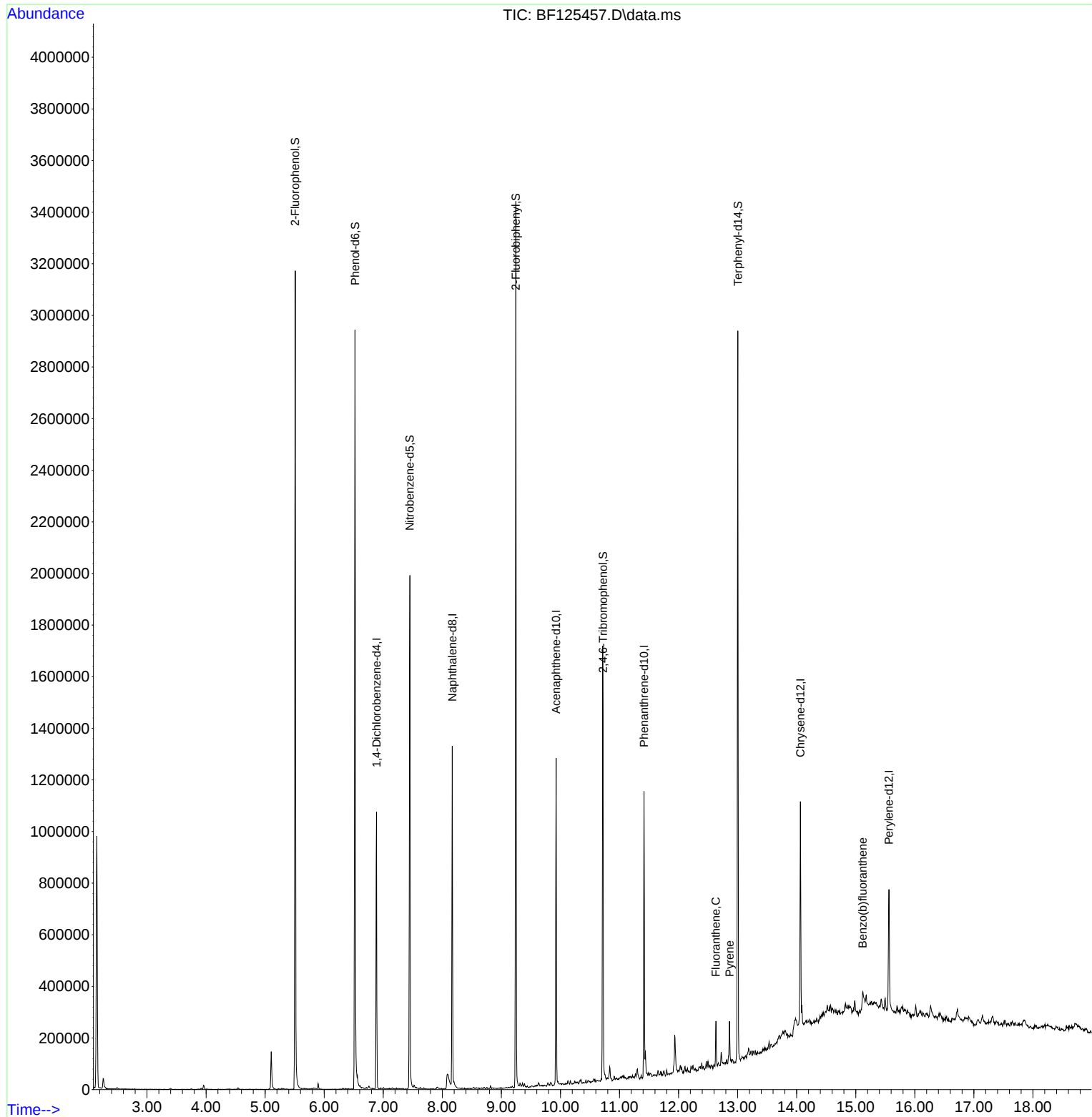
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125457.D
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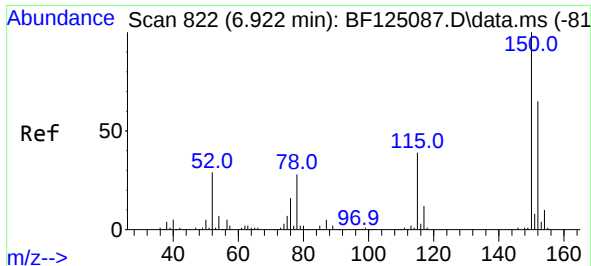
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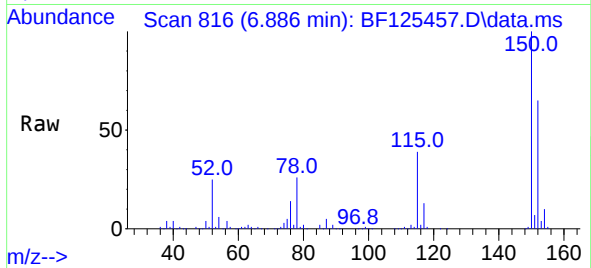
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Quant Time: Sep 14 03:31:22 2021
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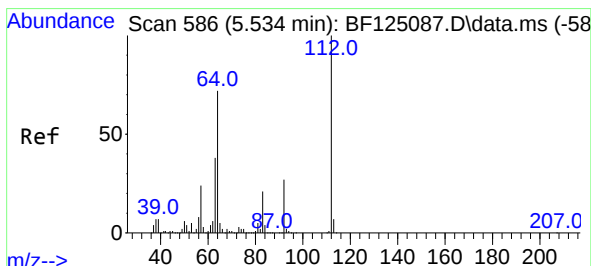
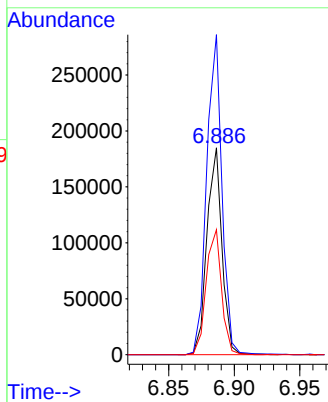
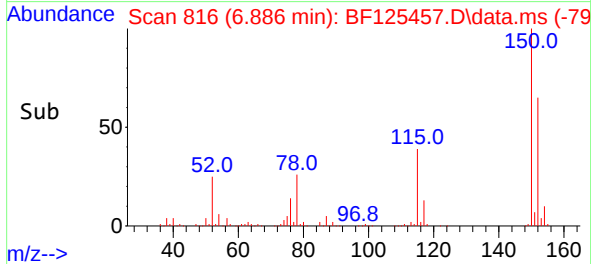




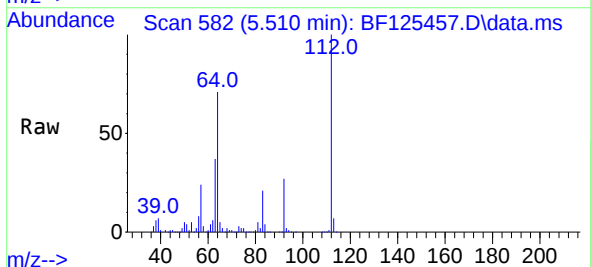
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26



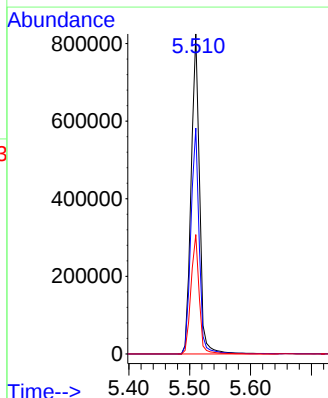
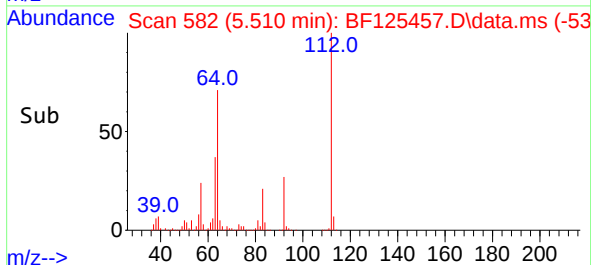
Tgt Ion:152 Resp: 147629
Ion Ratio Lower Upper
152 100
150 154.7 117.6 176.4
115 60.4 47.1 70.7



#5
2-Fluorophenol
Concen: 81.143 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26



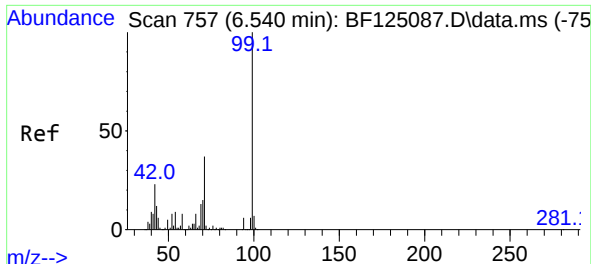
Tgt Ion:112 Resp: 791431
Ion Ratio Lower Upper
112 100
64 70.6 44.2 66.2#
63 37.3 26.2 39.2



Instrument :
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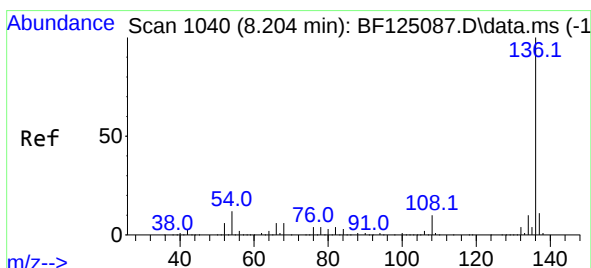
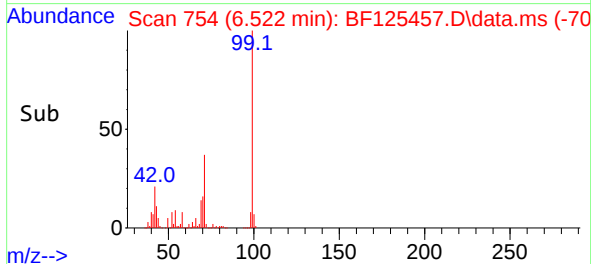
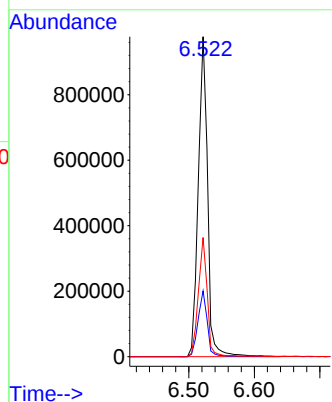
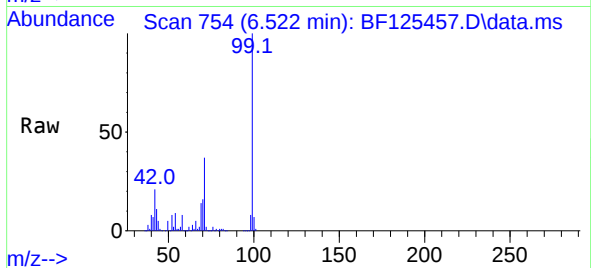
#7
Phenol-d6
Concen: 76.777 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion:	99	Resp:	968492
Ion	Ratio	Lower	Upper
99	100		
42	20.5	23.5	35.3#
71	37.3	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
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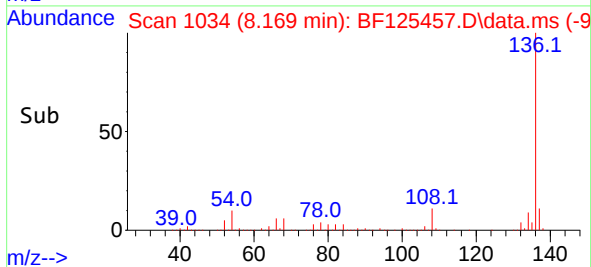
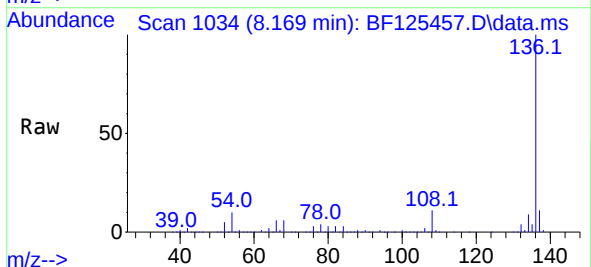
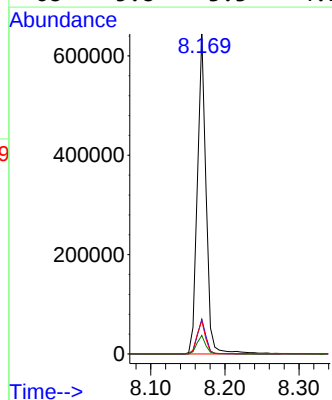
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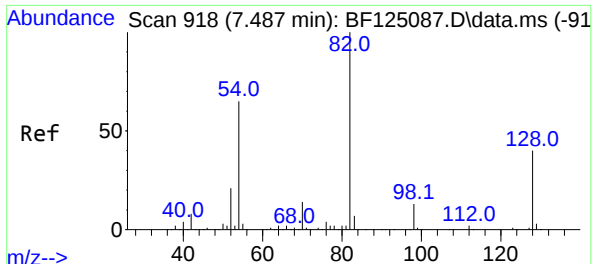
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion:	136	Resp:	523789
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	10.4	6.4	9.6#
68	5.8	3.3	4.9#





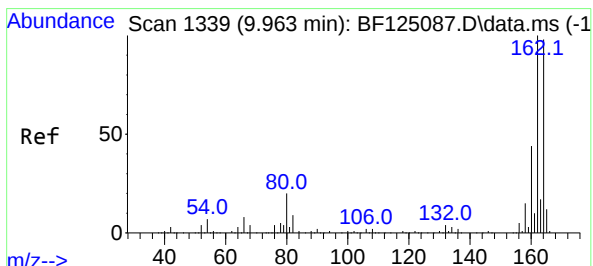
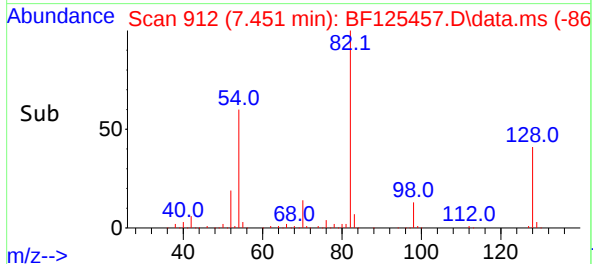
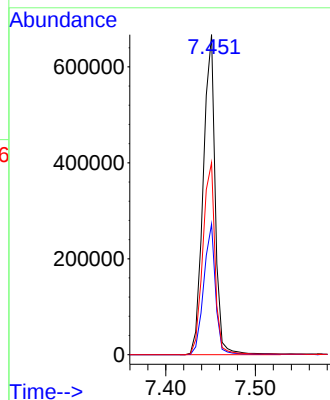
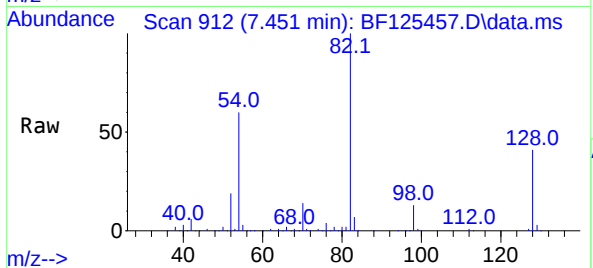
#23
Nitrobenzene-d5
Concen: 59.639 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Tgt Ion: 82 Resp: 620492
Ion Ratio Lower Upper
82 100
128 40.8 40.6 60.8
54 60.0 49.6 74.4

Instrument :
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ClientSampleId :
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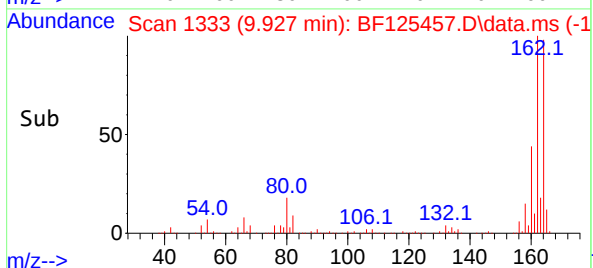
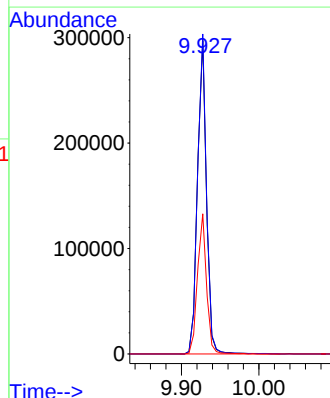
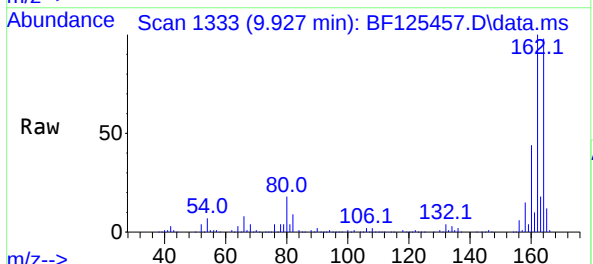
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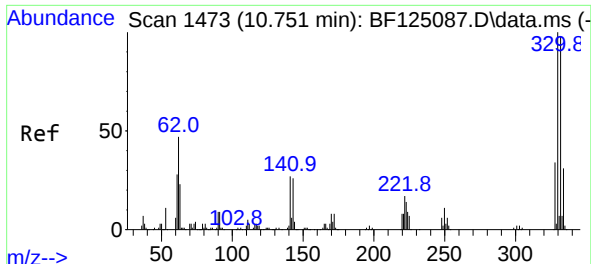
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

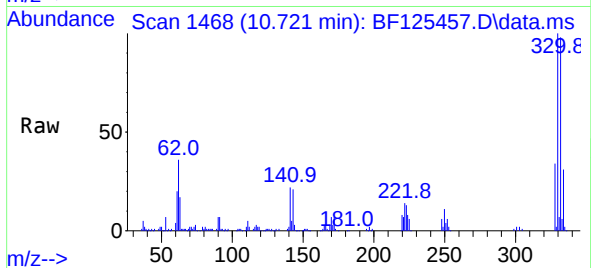
Tgt Ion:164 Resp: 240197
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.7 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 91.520 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

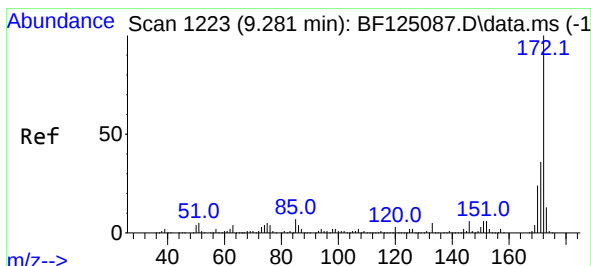
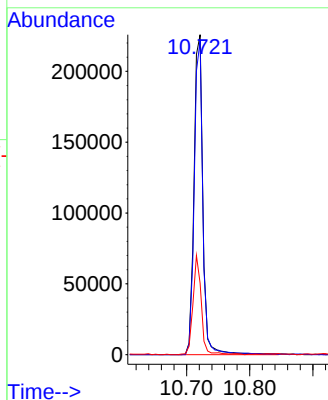
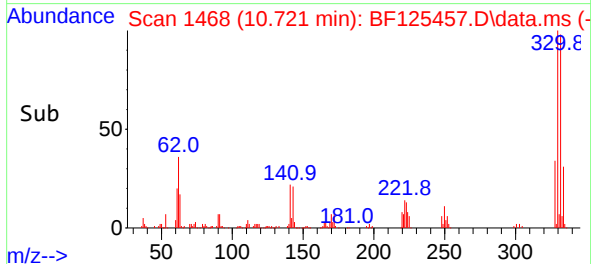
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ClientSampleId :
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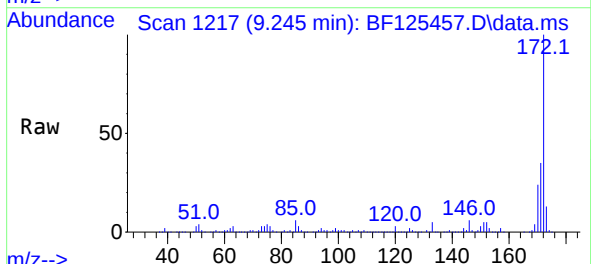
Tgt Ion:330 Resp: 219437
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 28.9 44.6 66.8#

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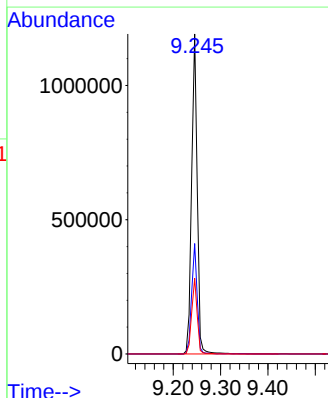
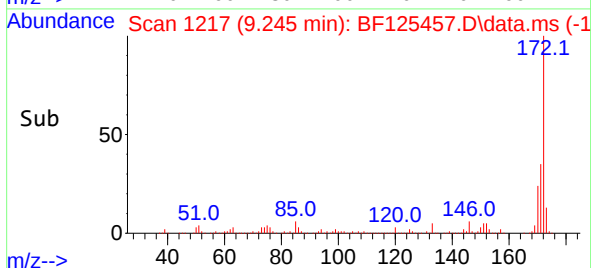
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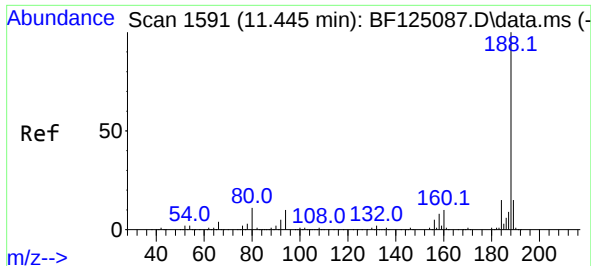


#45
2-Fluorobiphenyl
Concen: 56.614 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26



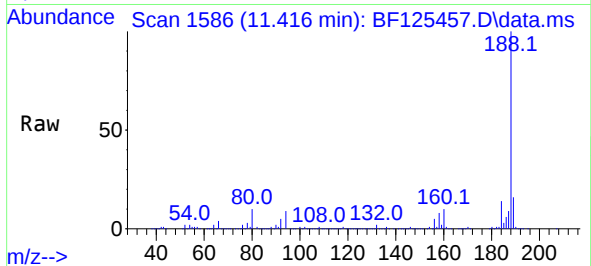
Tgt Ion:172 Resp: 975689
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

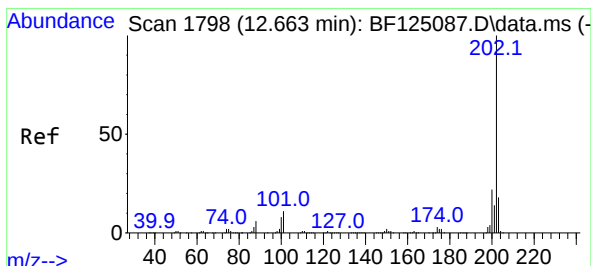
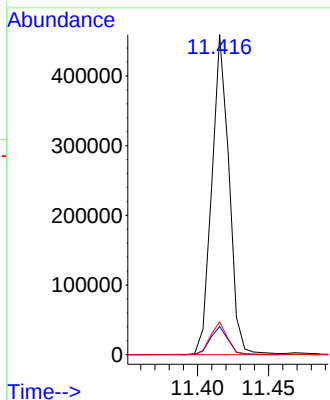
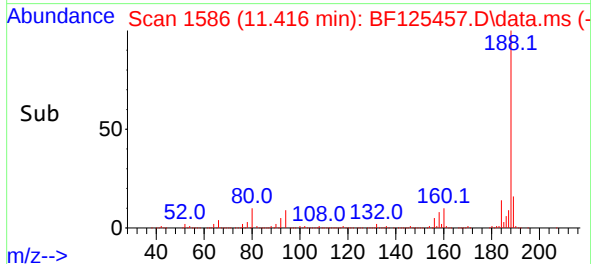
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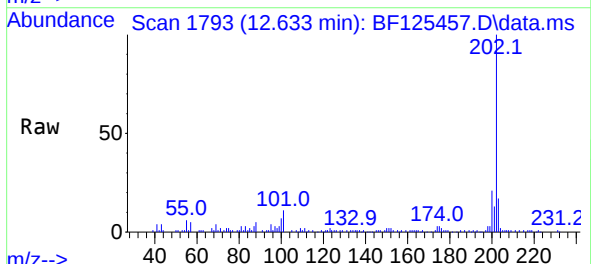
Tgt Ion:188 Resp: 386362
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.3 7.5 11.3

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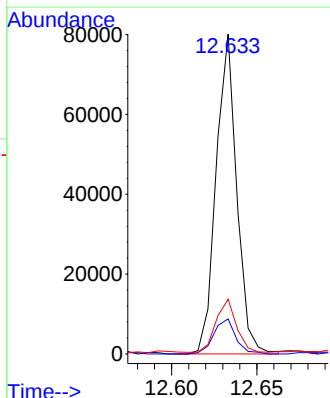
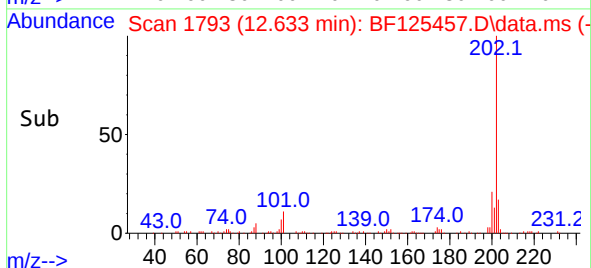
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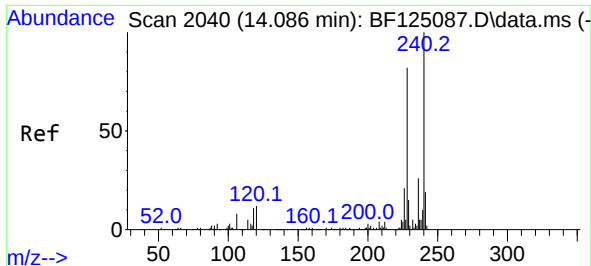


#75
Fluoranthene
Concen: 3.202 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26



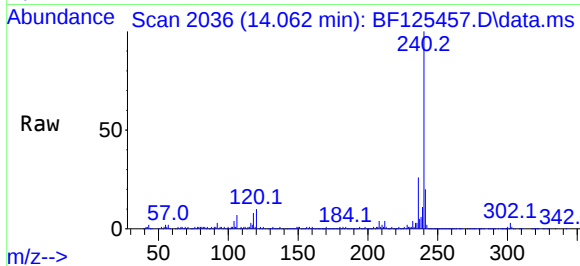
Tgt Ion:202 Resp: 67636
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.1 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

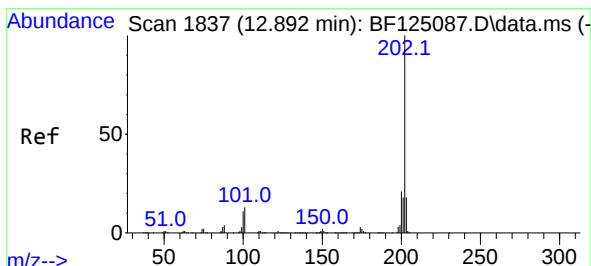
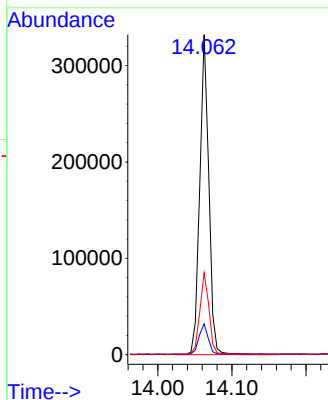
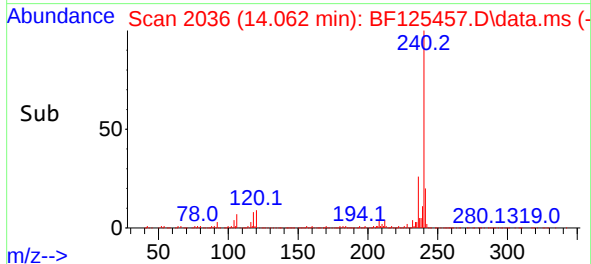
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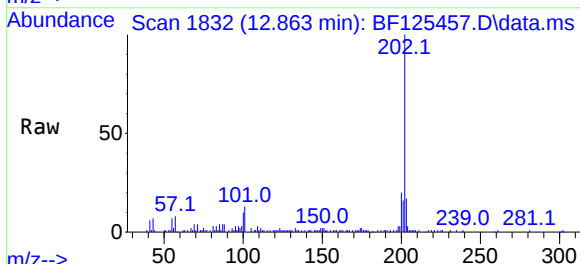
Tgt Ion:240 Resp: 281664
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.6 21.6 32.4

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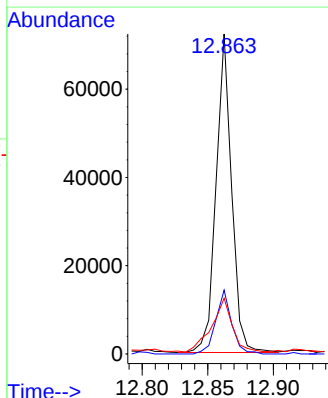
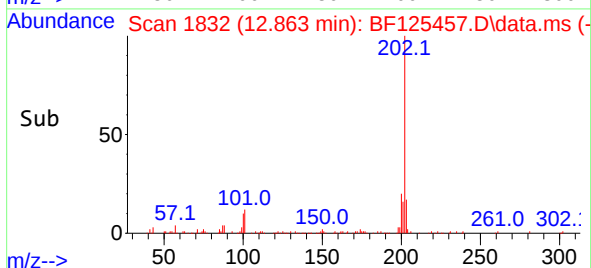
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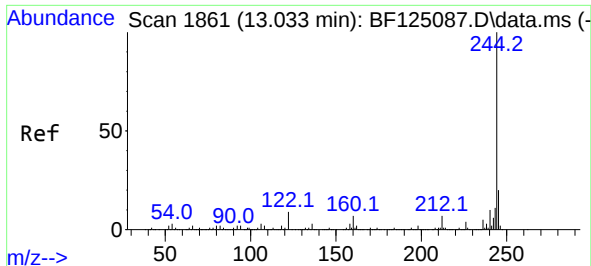


#78
Pyrene
Concen: 2.462 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

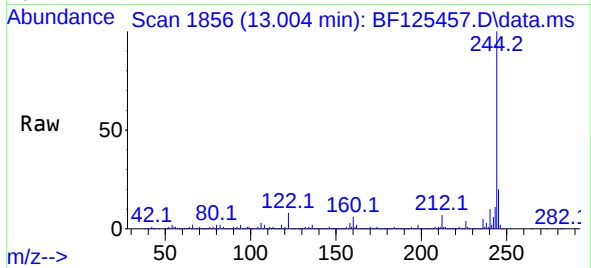


Tgt Ion:202 Resp: 59494
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 17.4 13.4 20.0

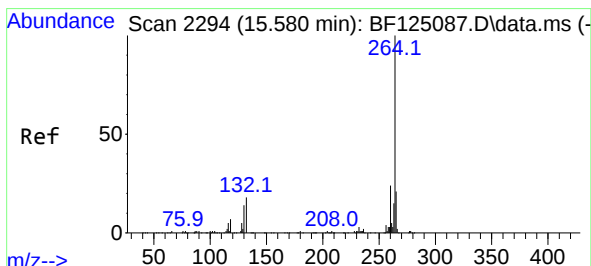
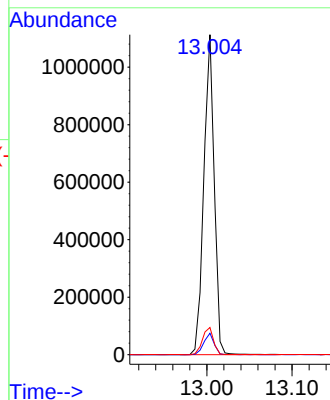
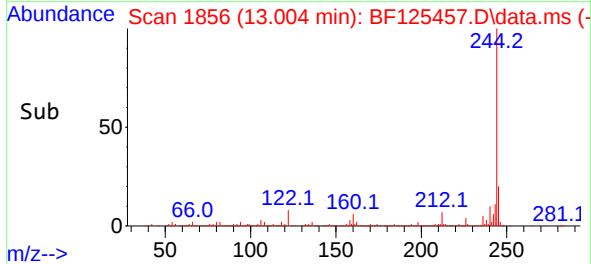




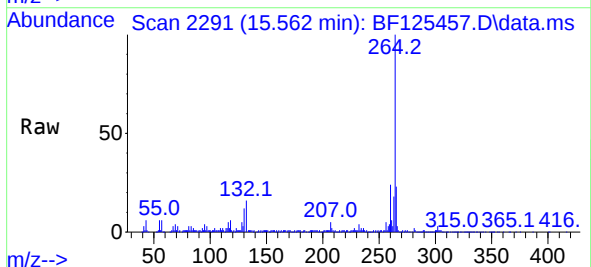
#79
Terphenyl-d14
Concen: 53.336 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26



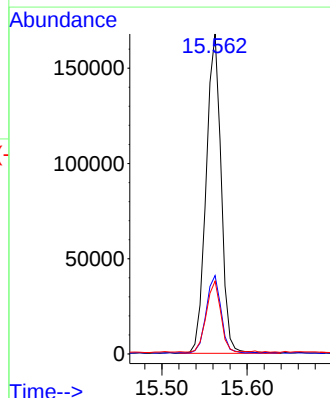
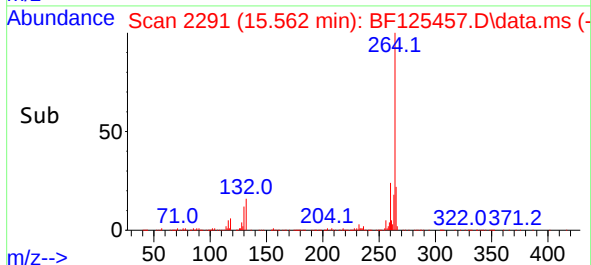
Tgt Ion:244 Resp: 942995
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.5 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26



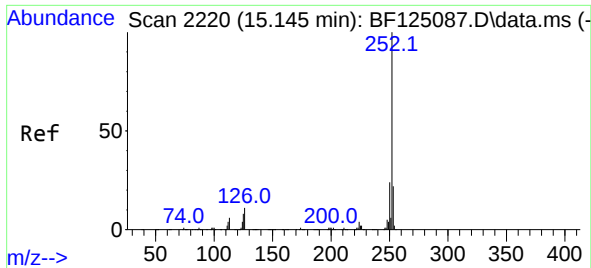
Tgt Ion:264 Resp: 204803
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.7 17.2 25.8



Instrument :
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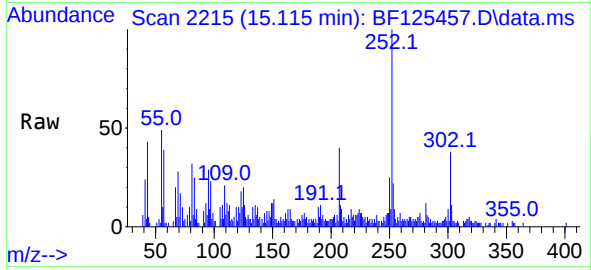
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#88
Benzo(b)fluoranthene
Concen: 2.150 ng m
RT: 15.115 min Scan# 2215
Delta R.T. -0.012 min
Lab File: BF125457.D
Acq: 13 Sep 2021 22:26

Instrument :
BNA_F
ClientSampleId :
A017145



Tgt Ion:252 Resp: 32172
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 19.7 9.8 14.8#

Manual Integrations
APPROVED

mohammad
9/14/2021 2:48:40 PM

