

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125495.D
 Acq On : 15 Sep 2021 2:30
 Operator : JU/CG
 Sample : M3723-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-091321

Manual Integrations
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Quant Time: Sep 15 05:03:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142795	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	504083	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	224082	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	330318	20.000	ng	0.00
76) Chrysene-d12	14.051	240	300721	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	253526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	165883	17.583	ng	-0.01
7) Phenol-d6	6.504	99	213251	17.478	ng	-0.02
23) Nitrobenzene-d5	7.433	82	132796	13.263	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	32049	14.328	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	237170	14.751	ng	0.00
79) Terphenyl-d14	12.986	244	185883	9.847	ng	-0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.286	107	35342	3.483	ng	# 72
71) Phenanthrene	11.427	178	124549	6.843	ng	97
75) Fluoranthene	12.621	202	268508	14.868	ng	97
78) Pyrene	12.851	202	246039	9.538	ng	98
81) Benzo(a)anthracene	14.039	228	126173	5.823	ng	98
83) Chrysene	14.074	228	138367	6.457	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	37858	2.717	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.045	276	52604m	2.880	ng	
88) Benzo(b)fluoranthene	15.104	252	163116m	8.807	ng	
89) Benzo(k)fluoranthene	15.133	252	56855m	3.289	ng	
90) Benzo(a)pyrene	15.480	252	103293	6.313	ng	98
92) Benzo(g,h,i)perylene	17.497	276	53504	3.515	ng	# 92

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

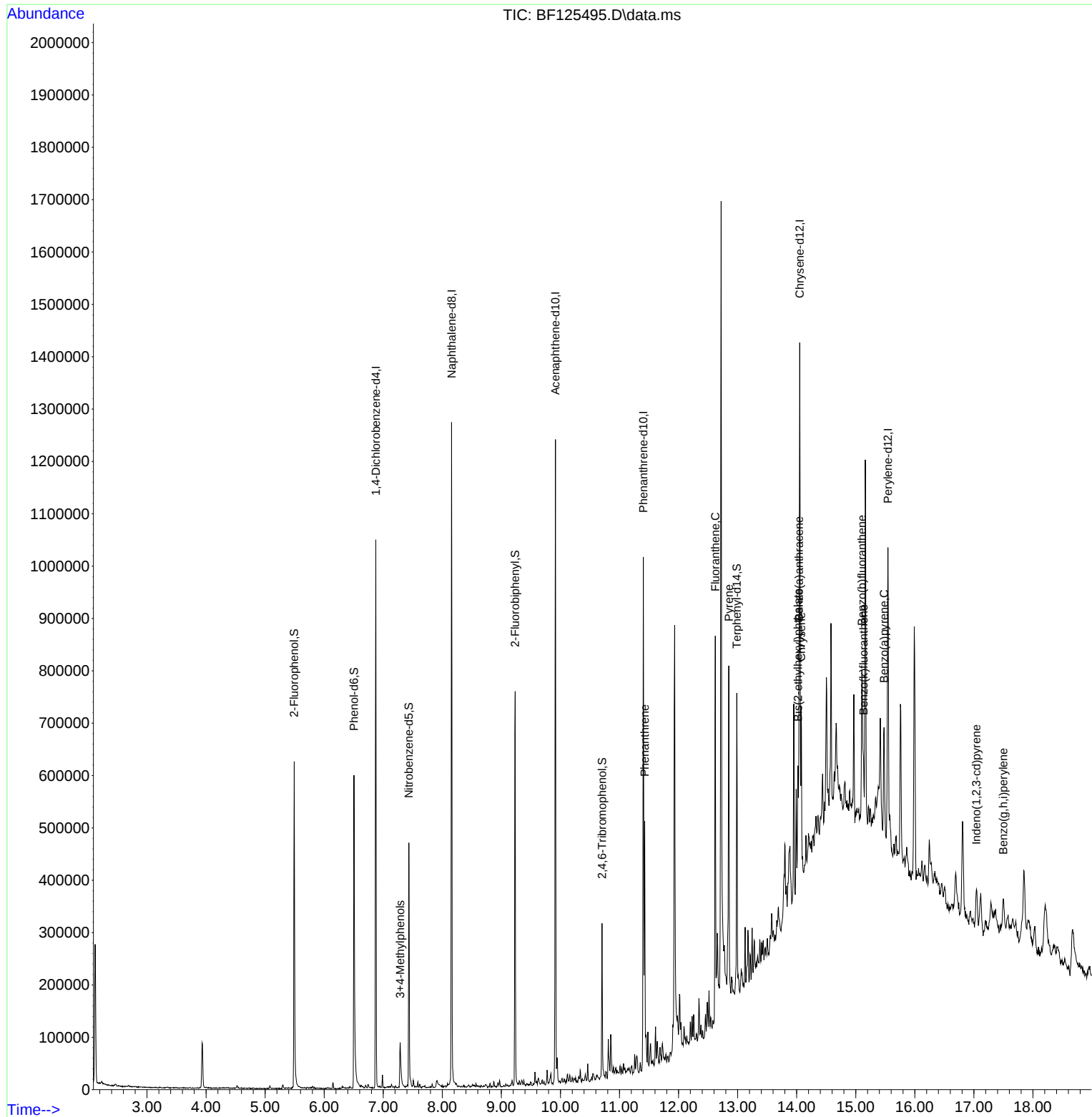
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125495.D
Acq On : 15 Sep 2021 2:30
Operator : JU/CG
Sample : M3723-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

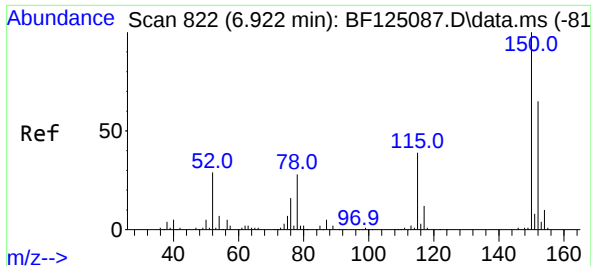
Instrument :
BNA_F
ClientSampled :
BU-03-091321

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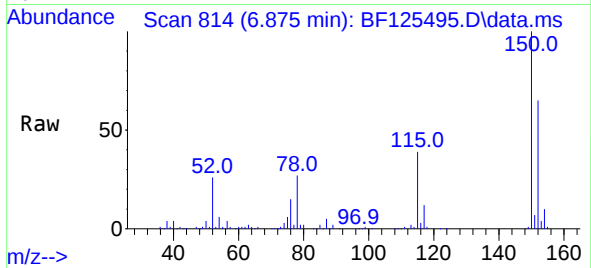
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Quant Time: Sep 15 05:03:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

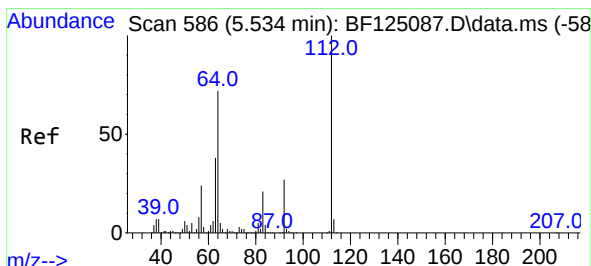
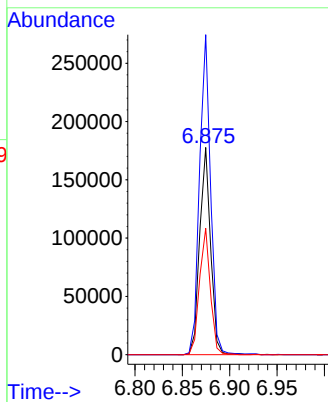
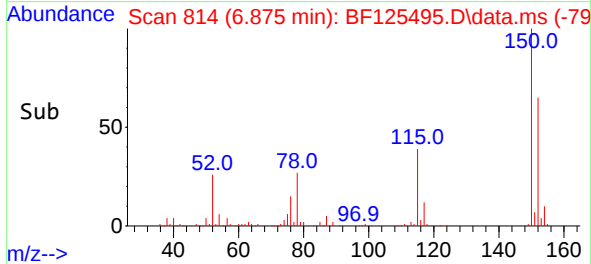




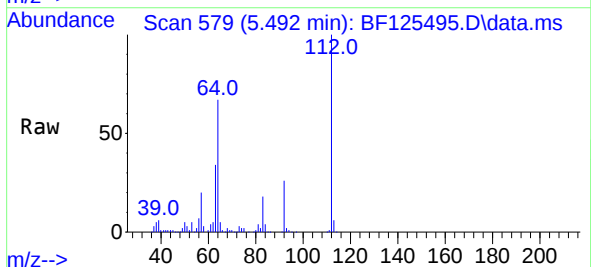
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



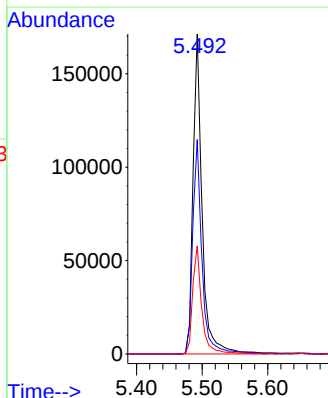
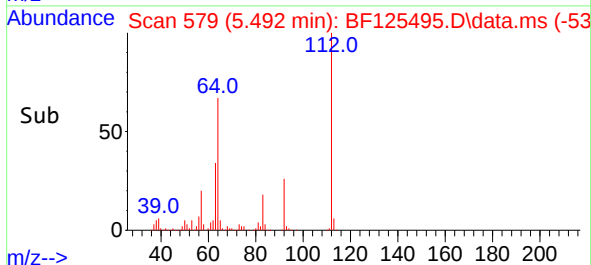
Tgt Ion:152 Resp: 142795
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 17.583 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



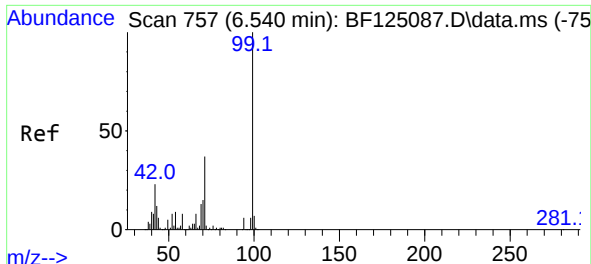
Tgt Ion:112 Resp: 165883
Ion Ratio Lower Upper
112 100
64 67.0 44.2 66.2#
63 33.8 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
BU-03-091321

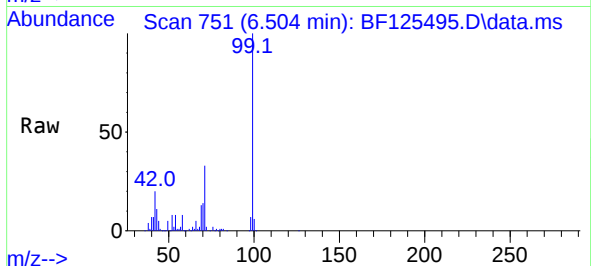
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#7
Phenol-d6
Concen: 17.478 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

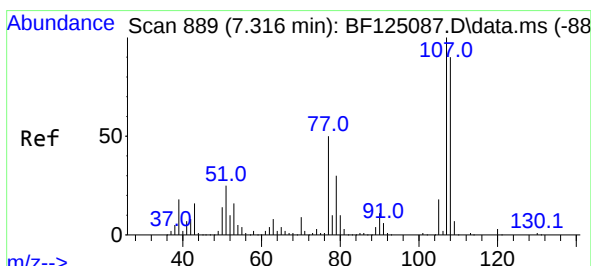
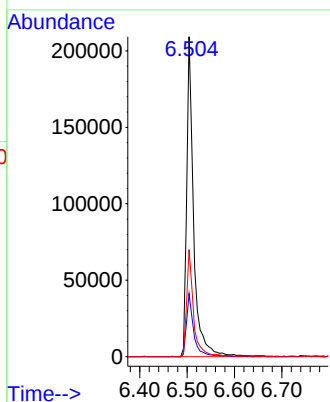
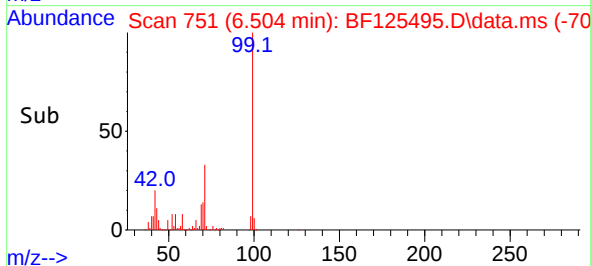
Instrument :
BNA_F
ClientSampleId :
BU-03-091321



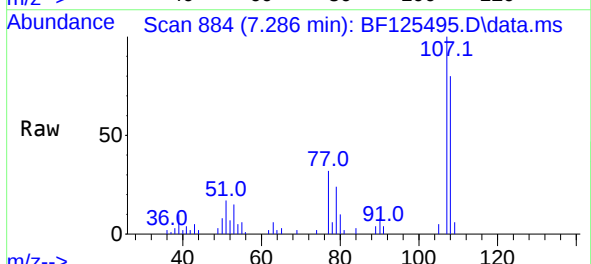
Tgt Ion: 99 Resp: 213251
Ion Ratio Lower Upper
99 100
42 19.8 23.5 35.3#
71 33.4 25.6 38.4

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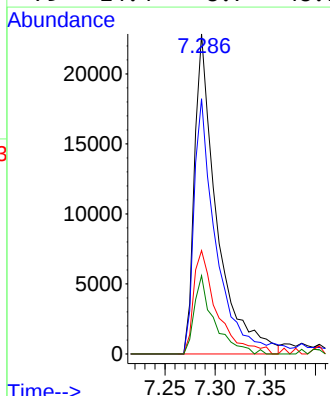
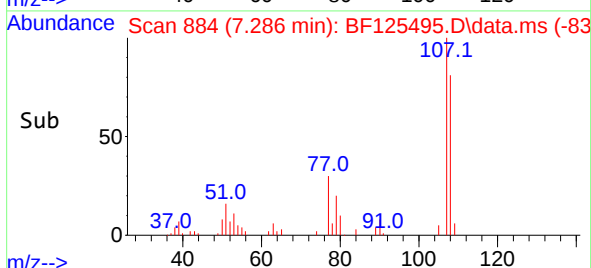
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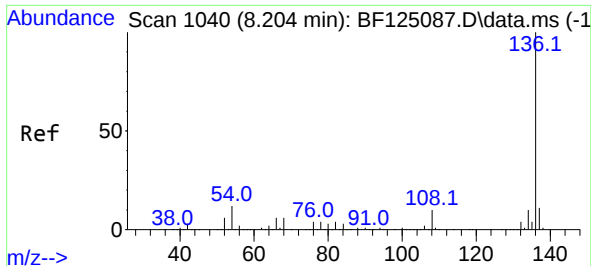


#20
3+4-Methylphenols
Concen: 3.483 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



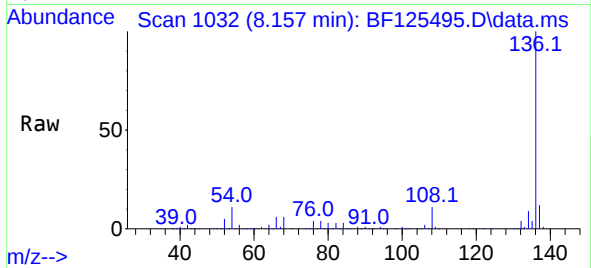
Tgt Ion: 107 Resp: 35342
Ion Ratio Lower Upper
107 100
108 79.8 76.6 116.6
77 32.3 53.3 93.3#
79 24.4 8.7 48.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

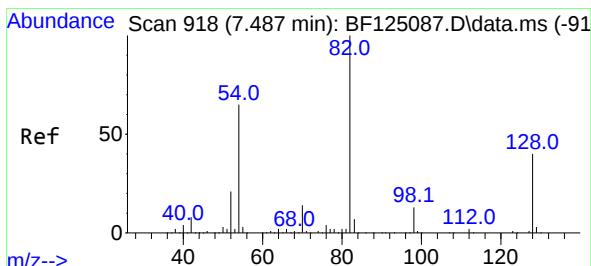
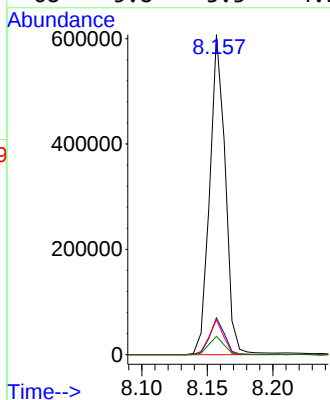
Instrument :
BNA_F
ClientSampleId :
BU-03-091321



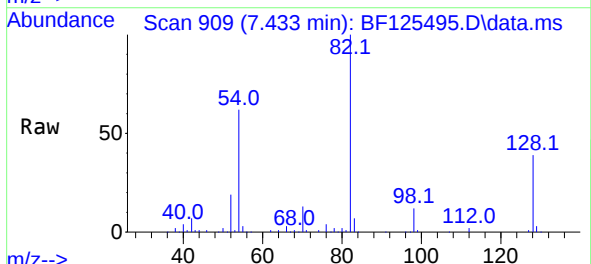
Tgt Ion:	136	Resp:	504083
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	11.0	6.4	9.6#
68	5.8	3.3	4.9#

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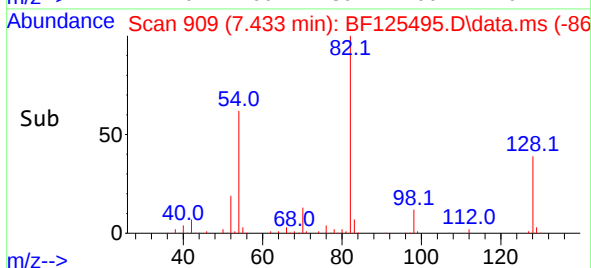
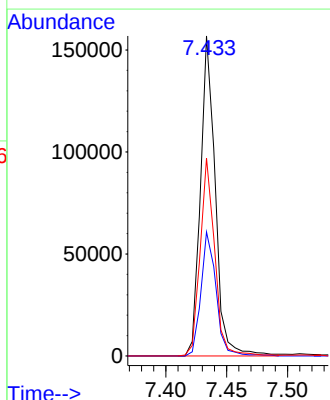
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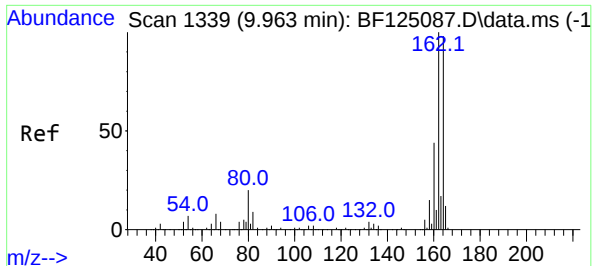


#23
Nitrobenzene-d5
Concen: 13.263 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



Tgt Ion:	82	Resp:	132796
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	60.8#
54	61.8	49.6	74.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF125495.D

Acq: 15 Sep 2021 2:30

Tgt Ion:164 Resp: 224082

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 44.0 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

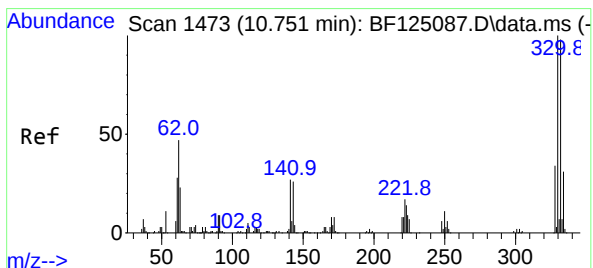
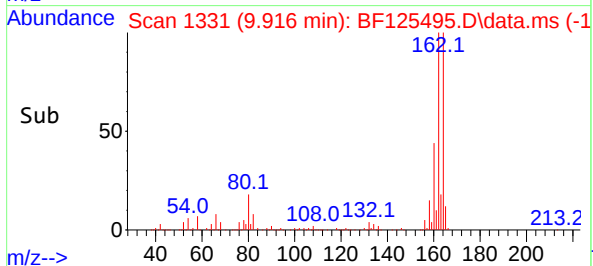
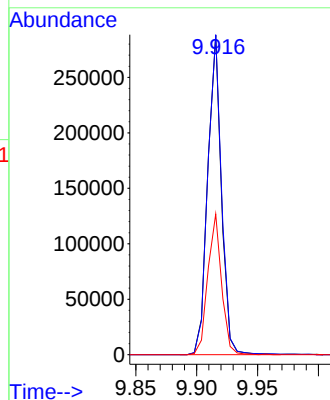
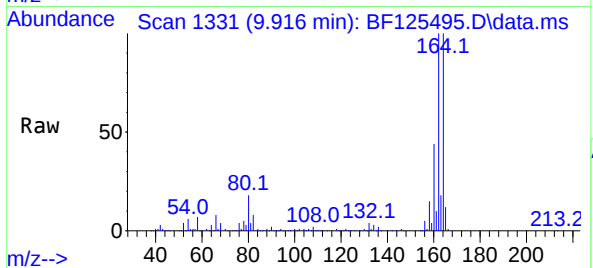
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Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 14.328 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF125495.D

Acq: 15 Sep 2021 2:30

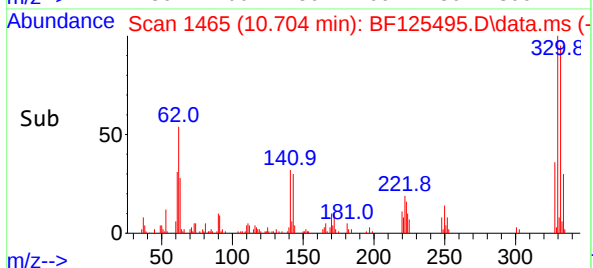
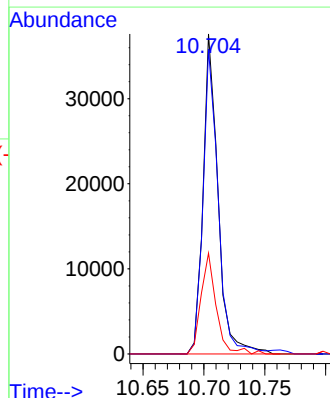
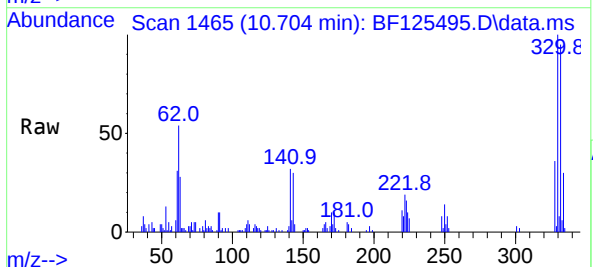
Tgt Ion:330 Resp: 32049

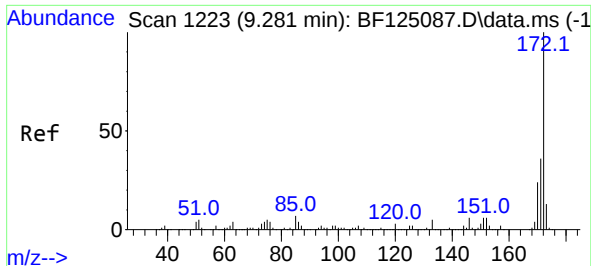
Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

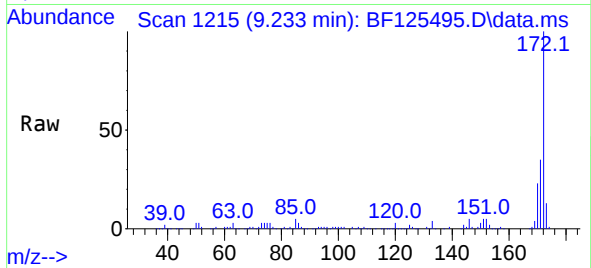
141 32.5 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 14.751 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

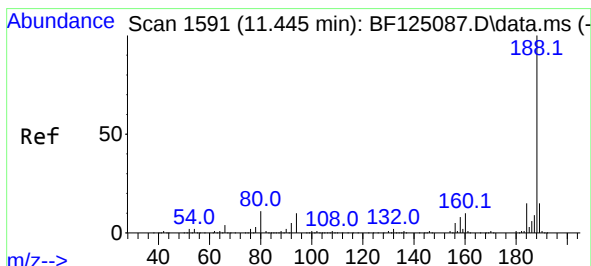
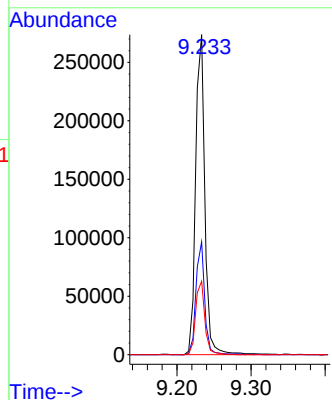
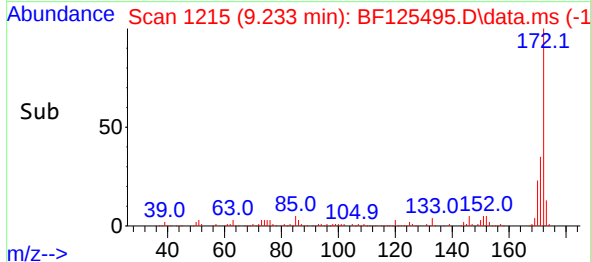
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BNA_F
ClientSampleId :
BU-03-091321



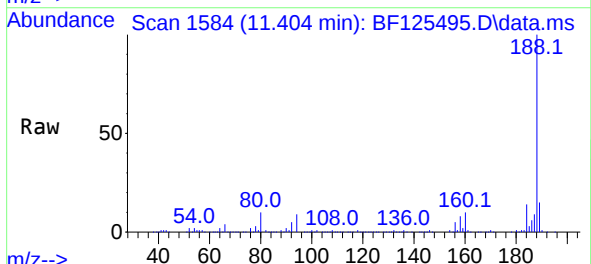
Tgt Ion:172 Resp: 237170
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 22.9 18.8 28.2

Manual Integrations
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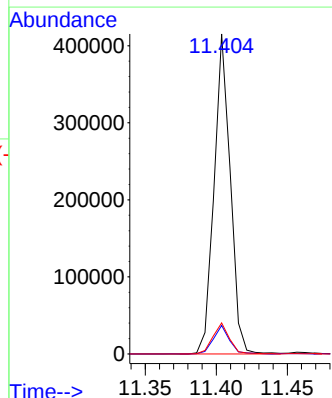
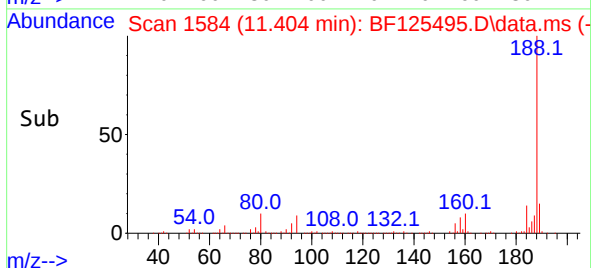
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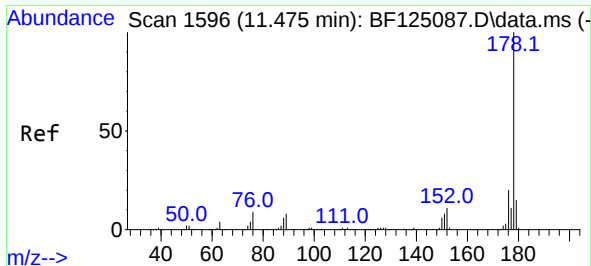


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

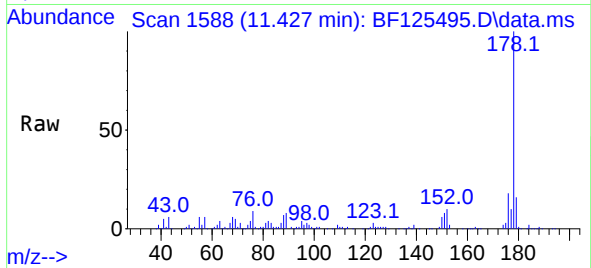


Tgt Ion:188 Resp: 330318
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.7 7.5 11.3

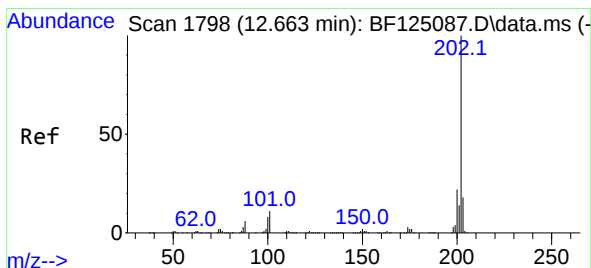
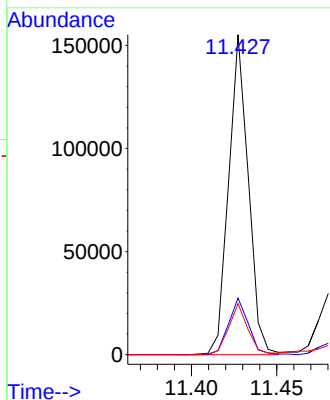
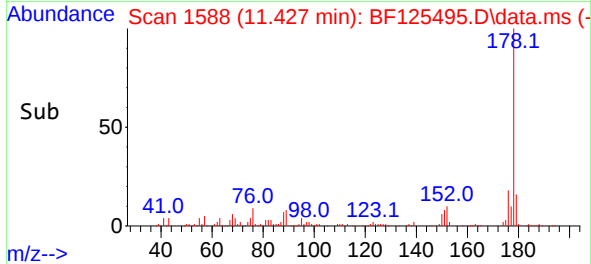




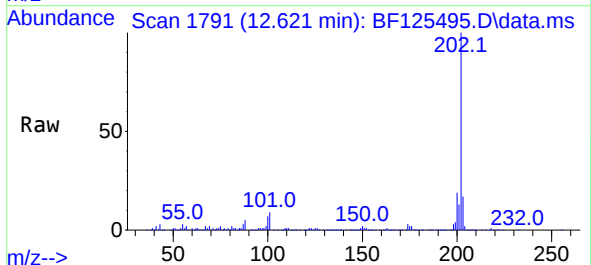
#71
Phenanthrene
Concen: 6.843 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



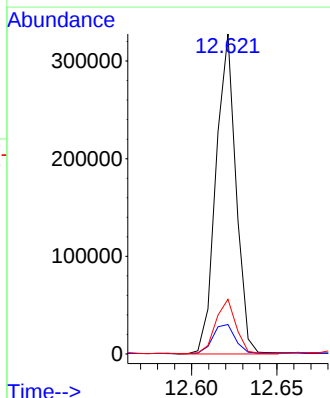
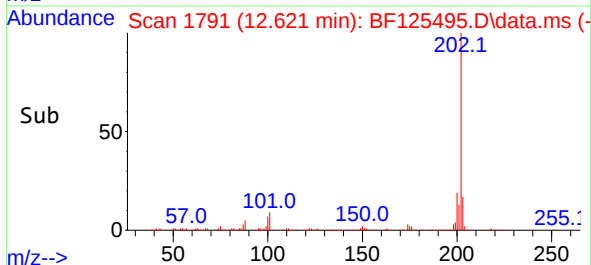
Tgt Ion:178 Resp: 124549
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 16.0 11.5 17.3



#75
Fluoranthene
Concen: 14.868 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



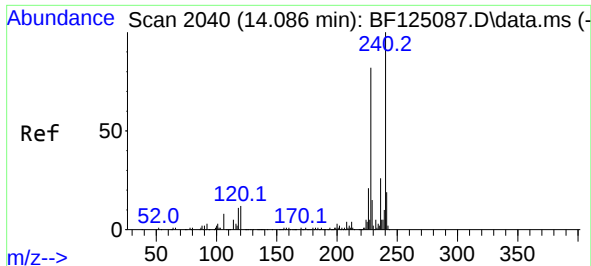
Tgt Ion:202 Resp: 268508
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.1 0.0 36.3



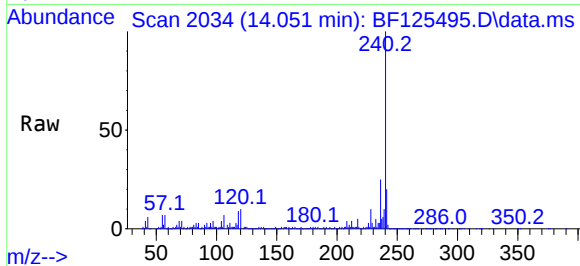
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

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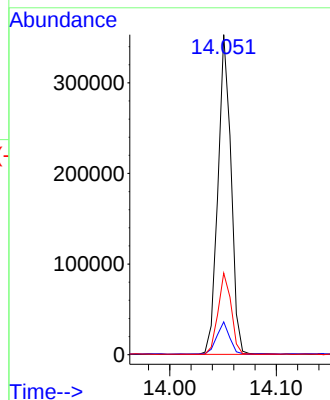
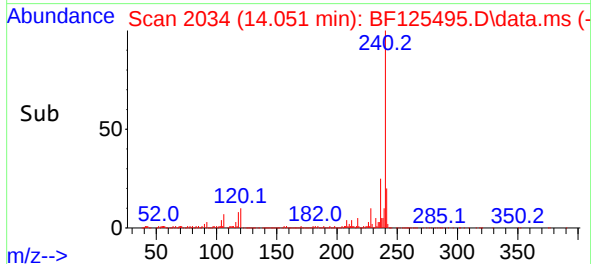
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



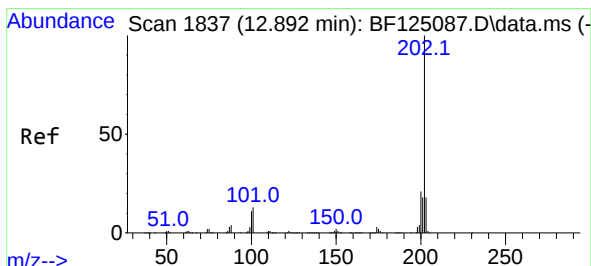
Tgt Ion:240 Resp: 300721
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 25.5 21.6 32.4



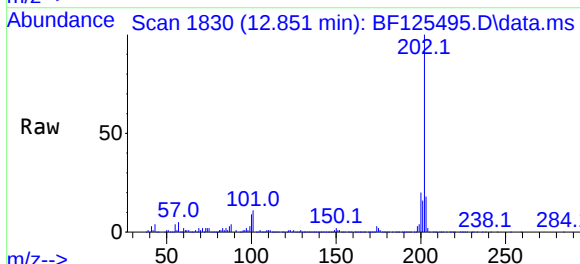
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

Manual Integrations
APPROVED

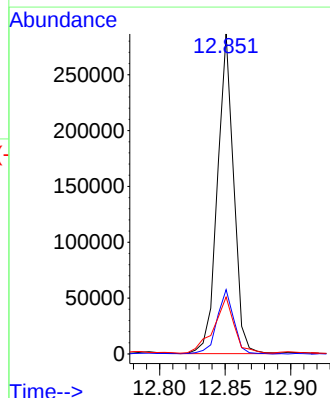
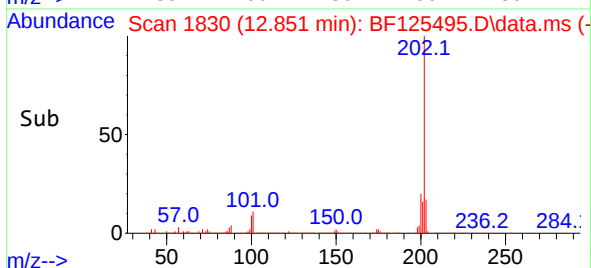
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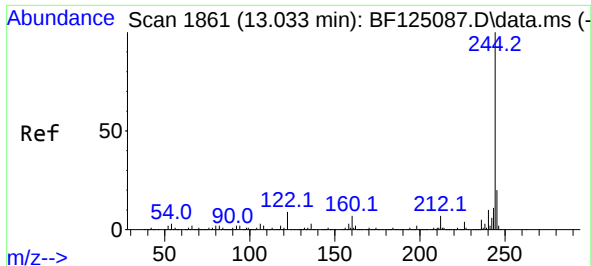


#78
Pyrene
Concen: 9.538 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

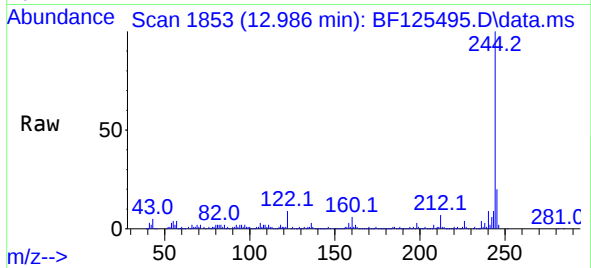


Tgt Ion:202 Resp: 246039
Ion Ratio Lower Upper
202 100
200 20.1 15.3 22.9
203 17.8 13.4 20.0

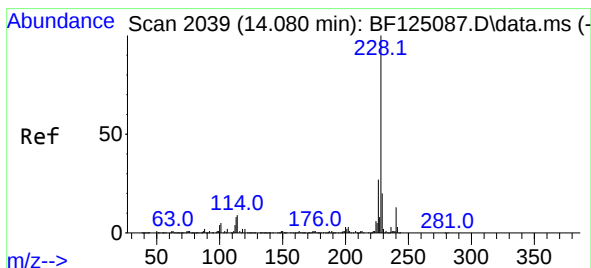
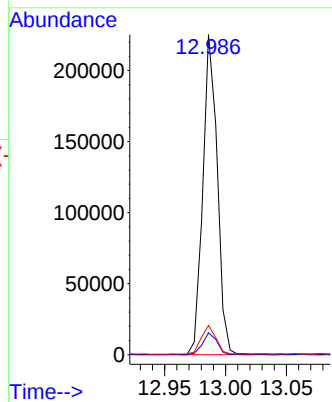
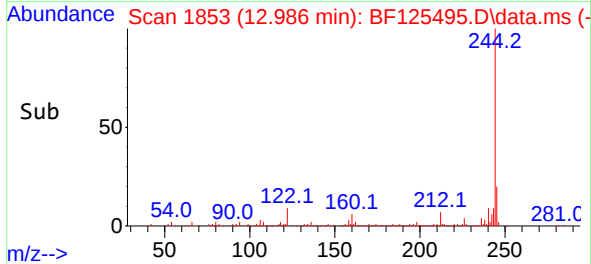




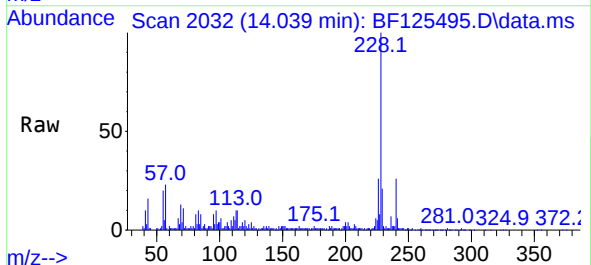
#79
Terphenyl-d14
Concen: 9.847 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



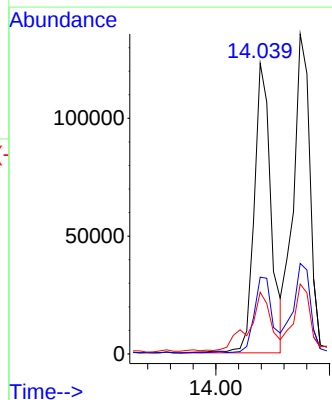
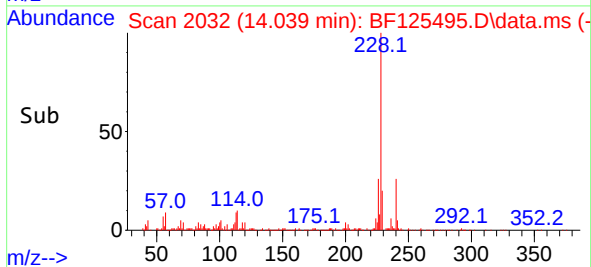
Tgt Ion:244 Resp: 185883
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.1 9.0 13.4



#81
Benzo(a)anthracene
Concen: 5.823 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



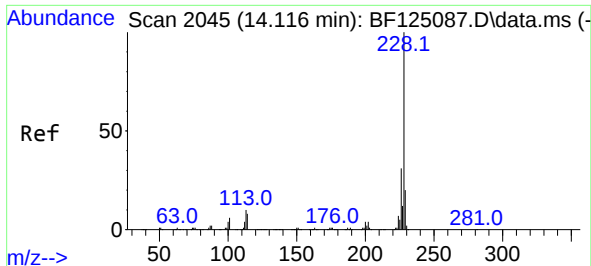
Tgt Ion:228 Resp: 126173
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 21.2 15.6 23.4



Instrument :
BNA_F
ClientSampleId :
BU-03-091321

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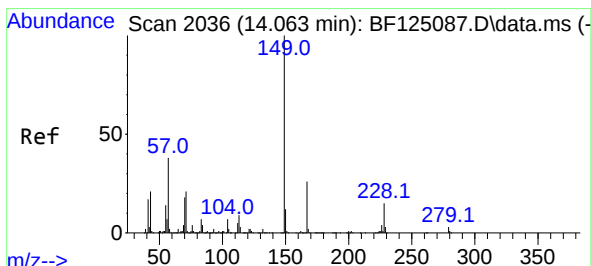
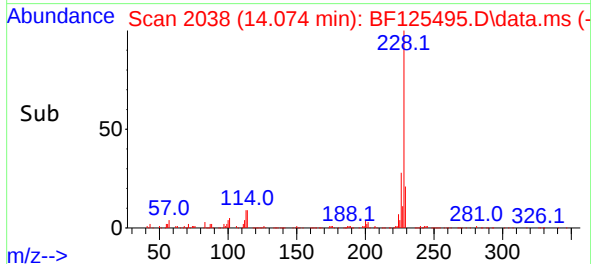
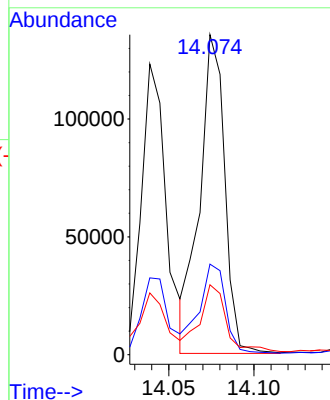
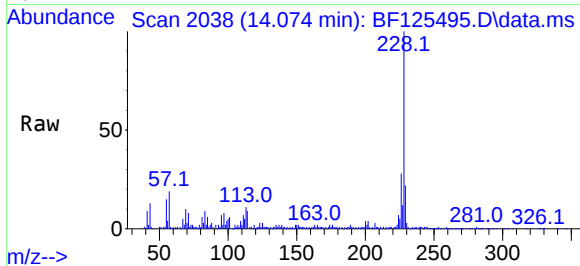
#83
Chrysene
Concen: 6.457 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:	228	Resp:	138367
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	34.0
229	21.8	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
BU-03-091321

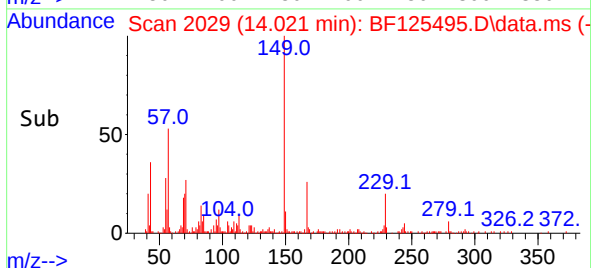
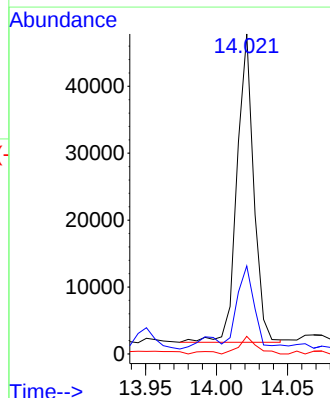
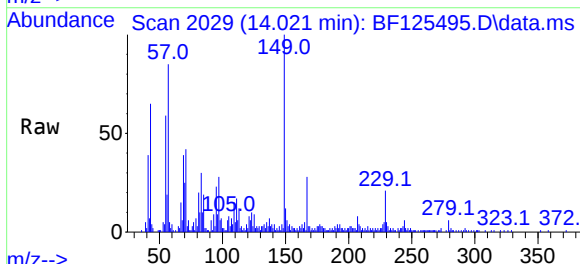
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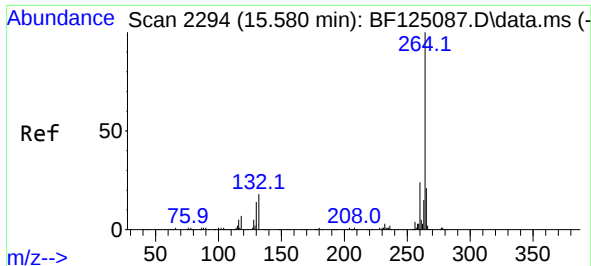
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.717 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

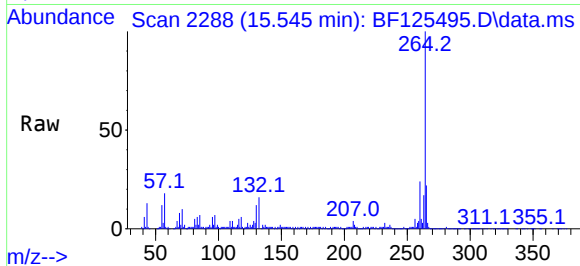
Tgt Ion:	149	Resp:	37858
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.4	32.0
279	5.5	2.6	4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

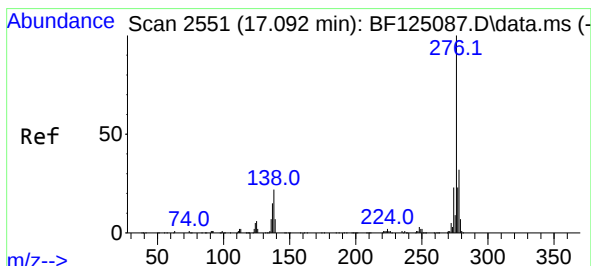
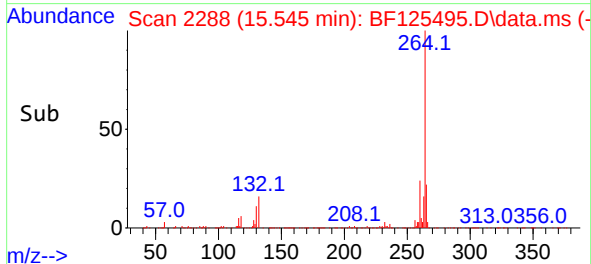
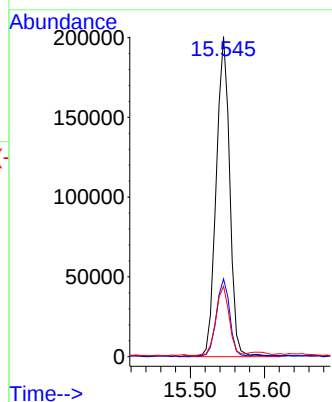
Instrument :
BNA_F
ClientSampleId :
BU-03-091321



Tgt Ion:264 Resp: 253526
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.0 17.2 25.8

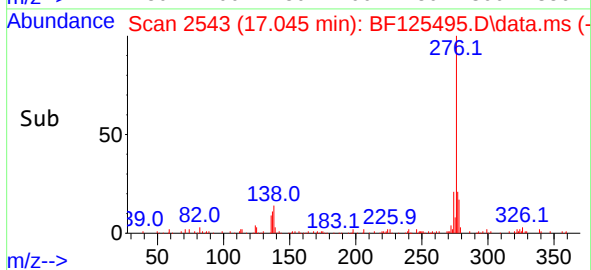
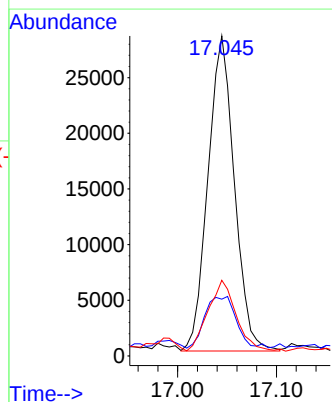
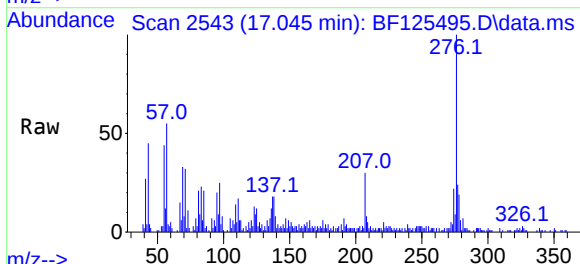
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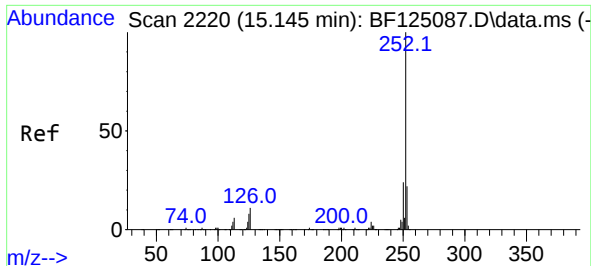
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.880 ng m
RT: 17.045 min Scan# 2543
Delta R.T. -0.018 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

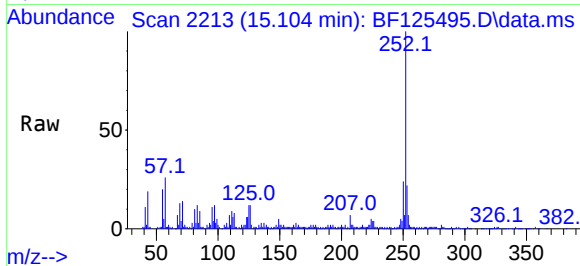
Tgt Ion:276 Resp: 52604
Ion Ratio Lower Upper
276 100
138 2.1 24.1 36.1#
277 2.0 18.8 28.2#





#88
Benzo(b)fluoranthene
Concen: 8.807 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

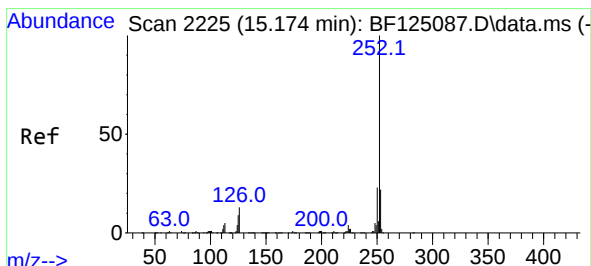
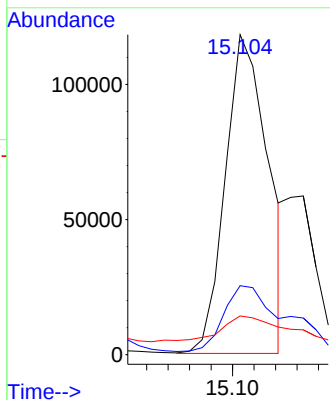
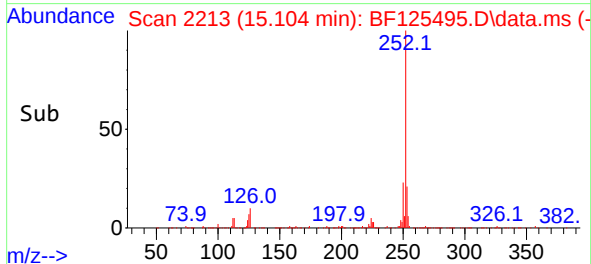
Instrument :
BNA_F
ClientSampleId :
BU-03-091321



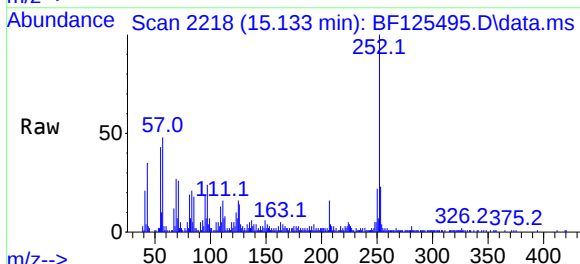
Tgt Ion:252 Resp: 163116
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 12.1 9.8 14.8

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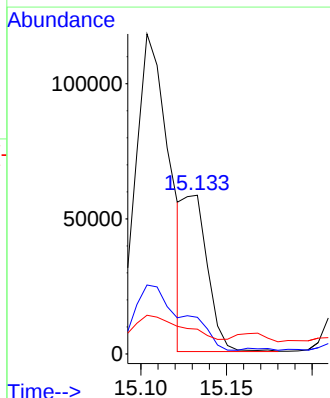
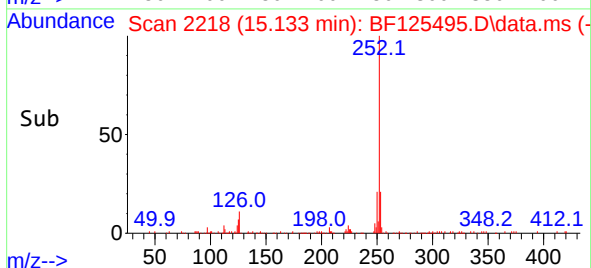
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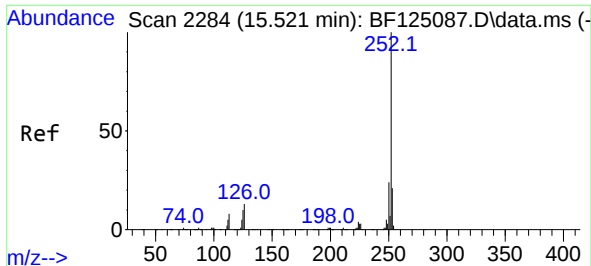


#89
Benzo(k)fluoranthene
Concen: 3.289 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



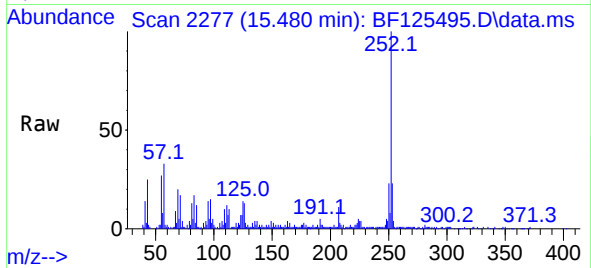
Tgt Ion:252 Resp: 56855
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 15.7 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 6.313 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

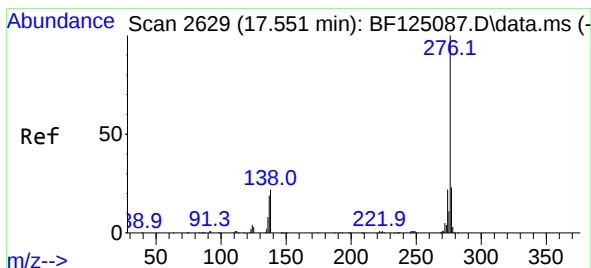
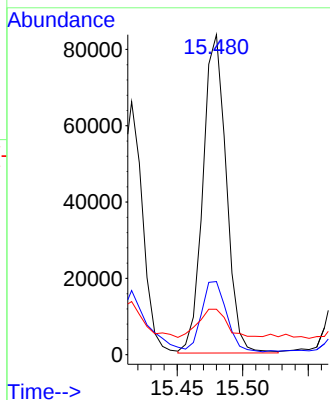
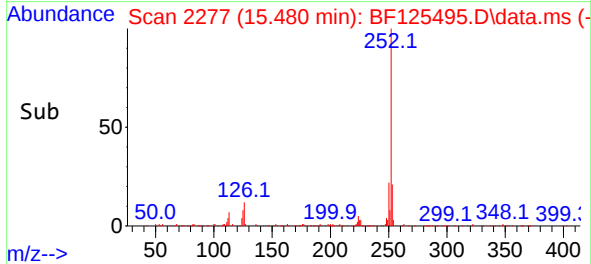
Instrument :
BNA_F
ClientSampled :
BU-03-091321



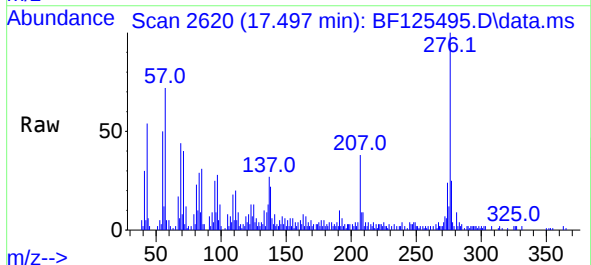
Tgt Ion:252 Resp: 103293
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 14.2 9.9 14.9

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#92
Benzo(g,h,i)perylene
Concen: 3.515 ng
RT: 17.497 min Scan# 2620
Delta R.T. -0.024 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30



Tgt Ion:276 Resp: 53504
Ion Ratio Lower Upper
276 100
277 25.3 22.0 33.0
138 21.6 22.2 33.4#

