

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124360.D
 Acq On : 17 Jun 2021 13:36
 Operator : JU/CG
 Sample : M2707-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216

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Quant Time: Jun 17 13:59:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	35838	20.000	ng	0.00	
21) Naphthalene-d8	8.069	136	138117	20.000	ng	# 0.00	
39) Acenaphthene-d10	9.822	164	83429	20.000	ng	0.00	
64) Phenanthrene-d10	11.310	188	139316	20.000	ng	0.00	
76) Chrysene-d12	13.957	240	98147	20.000	ng	0.00	
86) Perylene-d12	15.415	264	82364	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	177101	74.390	ng	-0.01	
7) Phenol-d6	6.428	99	221849	69.327	ng	-0.02	
23) Nitrobenzene-d5	7.351	82	171884	49.358	ng	0.00	
42) 2,4,6-Tribromophenol	10.616	330	73572	62.244	ng	0.00	
45) 2-Fluorobiphenyl	9.145	172	324125	48.888	ng	0.00	
79) Terphenyl-d14	12.898	244	307086	42.958	ng	0.00	
Target Compounds							
71) Phenanthrene	11.333	178	86512	9.941	ng		Qvalue 96
72) Anthracene	11.386	178	17707	2.020	ng		99
75) Fluoranthene	12.527	202	163652	17.915	ng		99
78) Pyrene	12.757	202	136749	14.510	ng		96
81) Benzo(a)anthracene	13.945	228	61199	8.559	ng		95
83) Chrysene	13.980	228	69689m	10.102	ng		
84) Bis(2-ethylhexyl)phtha...	13.933	149	106945	23.515	ng		96
87) Indeno(1,2,3-cd)pyrene	16.868	276	27124	7.935	ng	#	93
88) Benzo(b)fluoranthene	14.998	252	87911m	13.740	ng		
89) Benzo(k)fluoranthene	15.021	252	21788m	3.597	ng		
90) Benzo(a)pyrene	15.356	252	51710	9.305	ng		98
91) Dibenzo(a,h)anthracene	16.880	278	8340m	5.476	ng		
92) Benzo(g,h,i)perylene	17.303	276	24891m	7.776	ng		

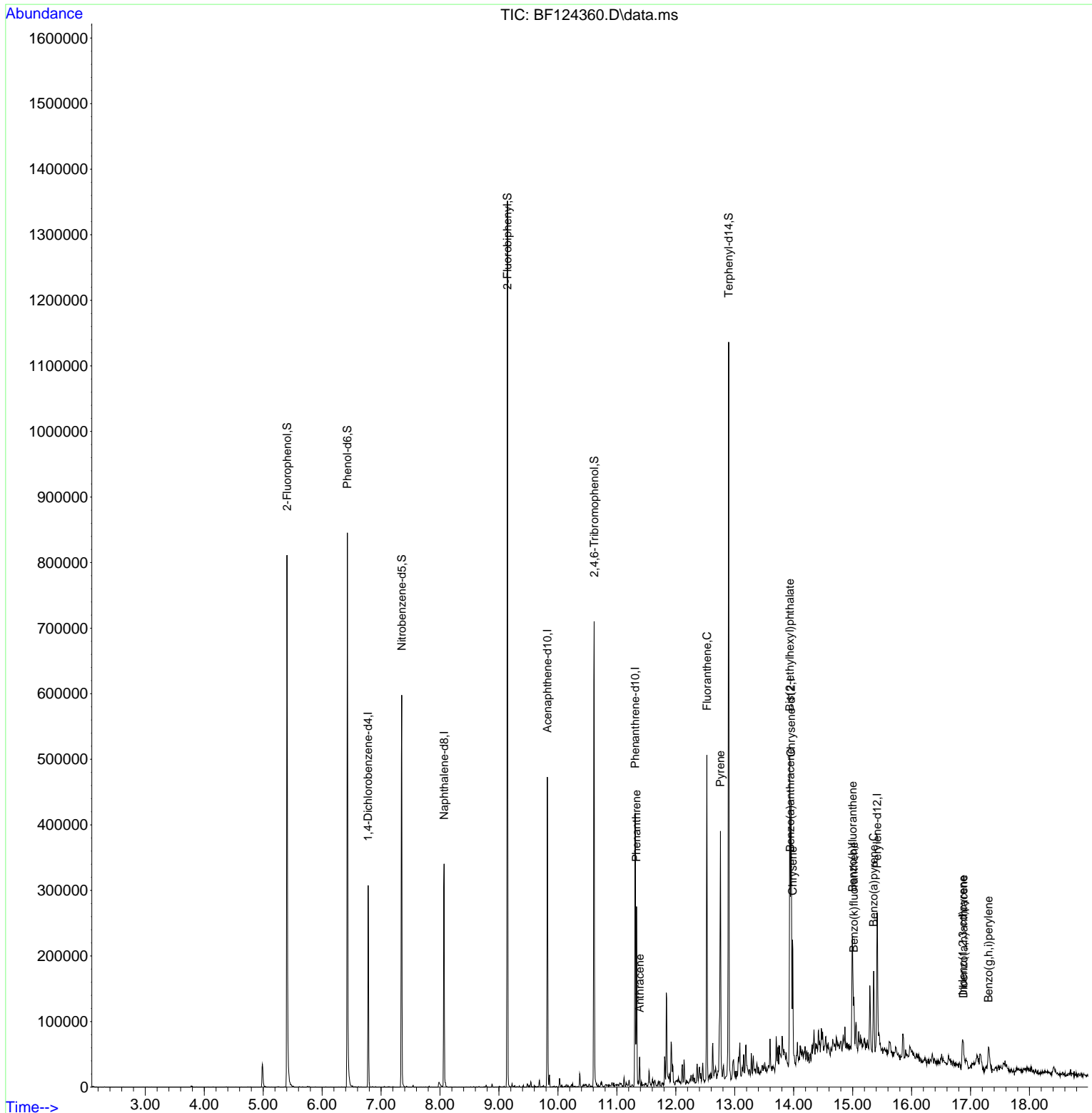
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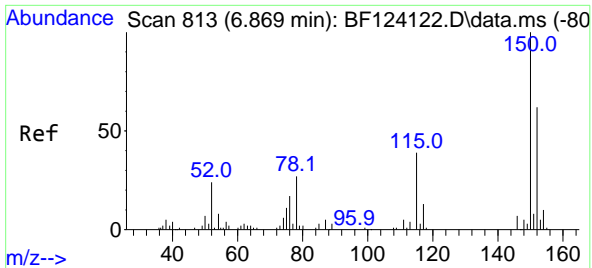
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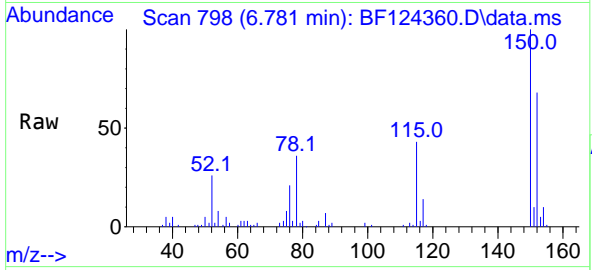
Quant Time: Jun 17 13:59:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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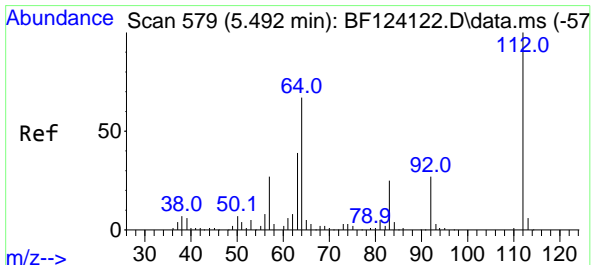
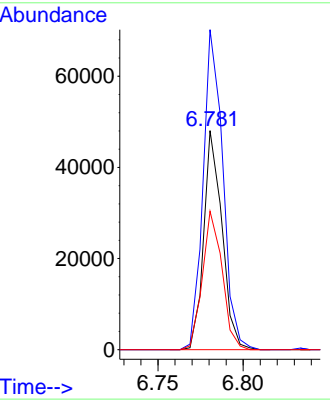
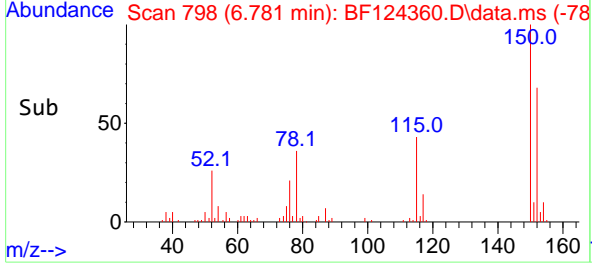
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF124360.D
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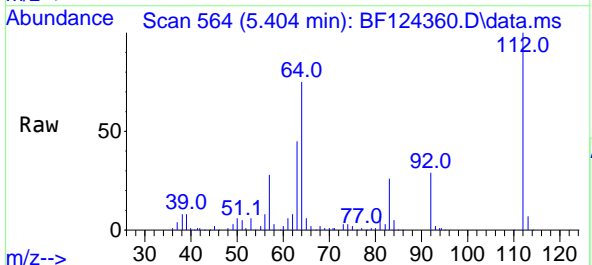


Tgt Ion:152 Resp: 35838
 Ion Ratio Lower Upper
 152 100
 150 146.1 127.0 190.6
 115 63.2 54.3 81.5

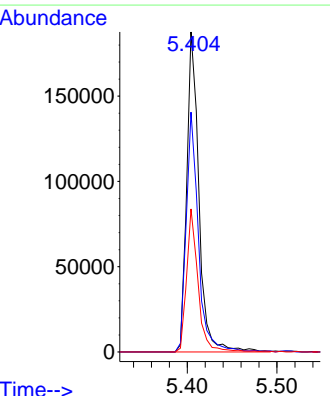
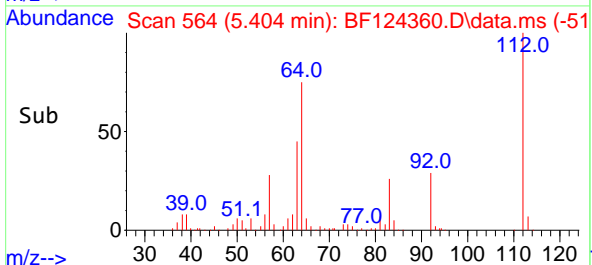
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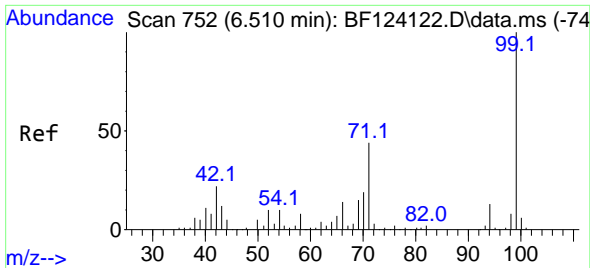


#5
 2-Fluorophenol
 Concen: 74.390 ng
 RT: 5.404 min Scan# 564
 Delta R.T. -0.012 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



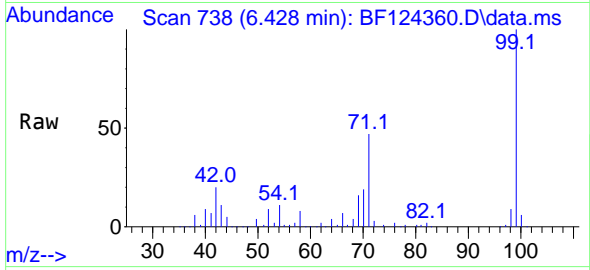
Tgt Ion:112 Resp: 177101
 Ion Ratio Lower Upper
 112 100
 64 74.9 61.4 92.0
 63 44.7 33.0 49.4





#7
Phenol-d6
Concen: 69.327 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124360.D
Acq: 17 Jun 2021 13:36

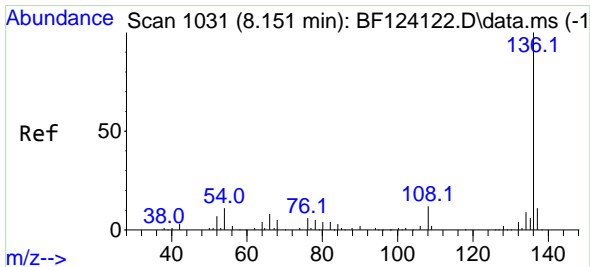
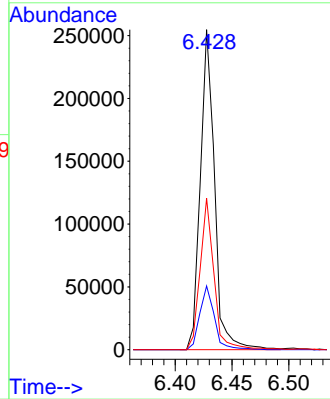
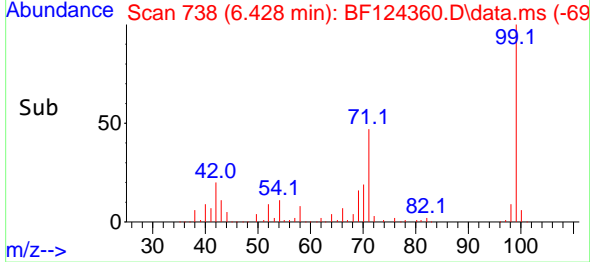
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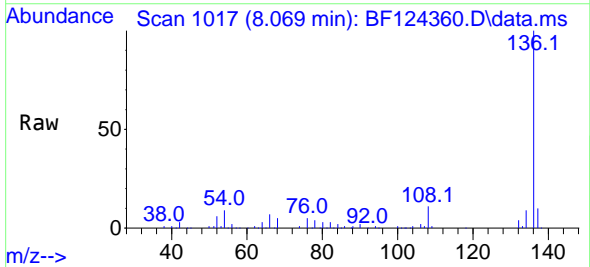
Tgt Ion: 99 Resp: 221849
Ion Ratio Lower Upper
99 100
42 19.9 19.8 29.8
71 47.4 31.1 46.7#

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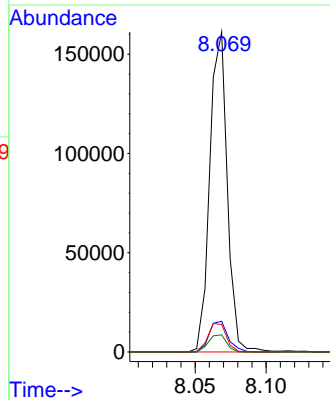
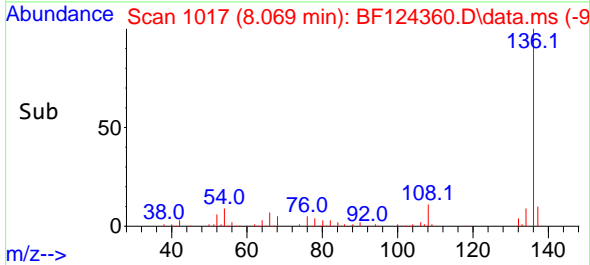
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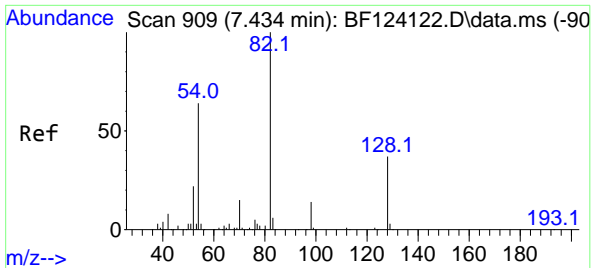


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124360.D
Acq: 17 Jun 2021 13:36



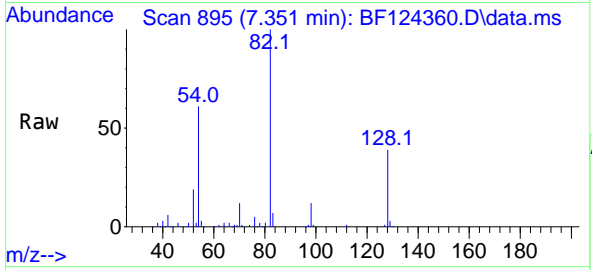
Tgt Ion: 136 Resp: 138117
Ion Ratio Lower Upper
136 100
137 9.6 8.7 13.1
54 8.6 9.8 14.6#
68 5.3 4.1 6.1





#23
 Nitrobenzene-d5
 Concen: 49.358 ng
 RT: 7.351 min Scan# 895
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

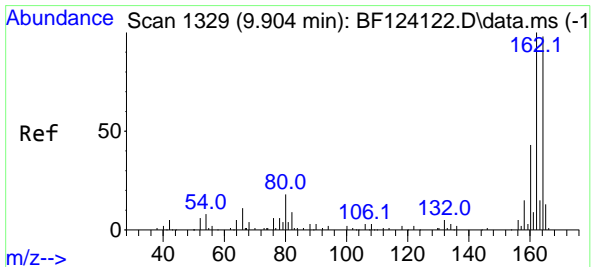
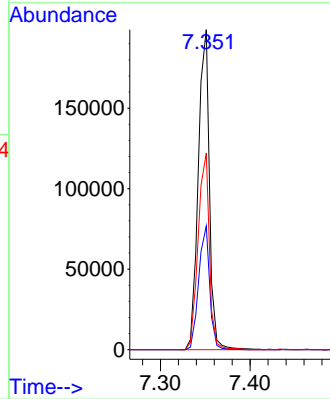
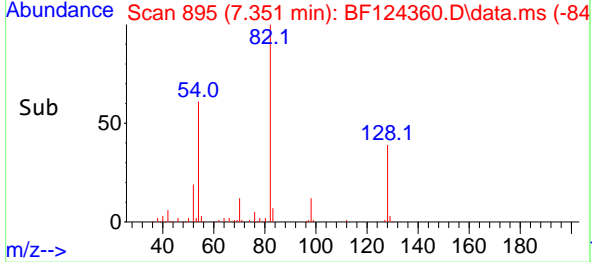
Instrument :
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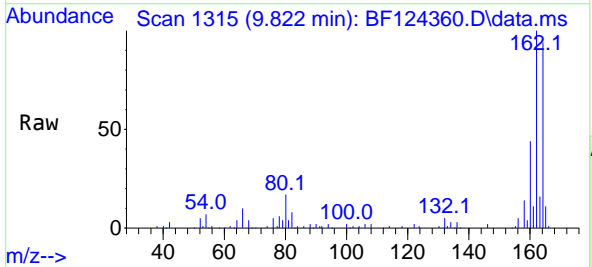
Tgt Ion: 82 Resp: 171884
 Ion Ratio Lower Upper
 82 100
 128 38.6 29.4 44.2
 54 61.4 54.1 81.1

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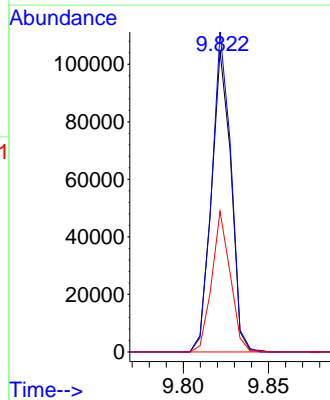
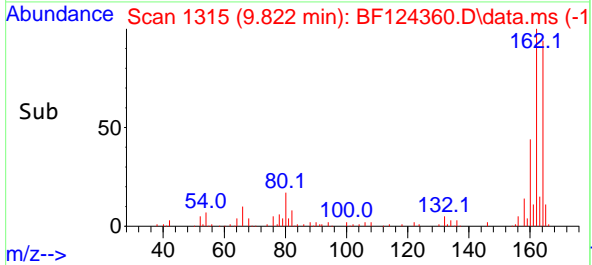
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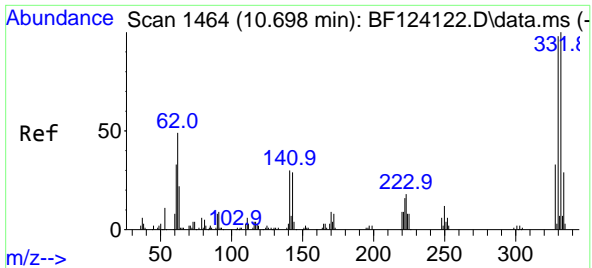


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



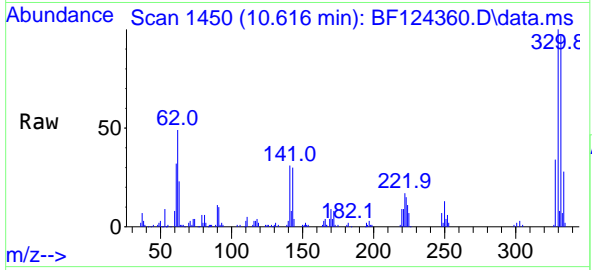
Tgt Ion: 164 Resp: 83429
 Ion Ratio Lower Upper
 164 100
 162 106.2 80.7 121.1
 160 46.7 37.3 55.9





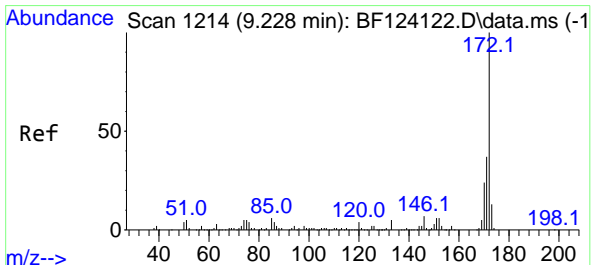
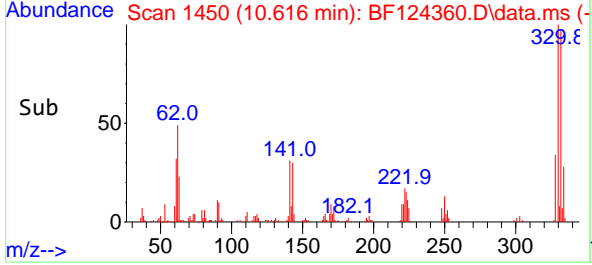
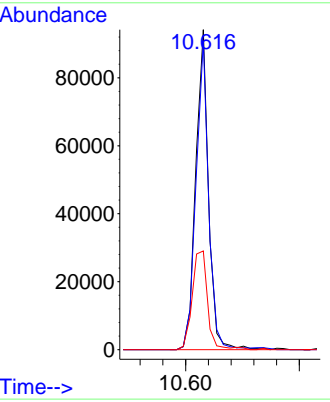
#42
 2,4,6-Tribromophenol
 Concen: 62.244 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

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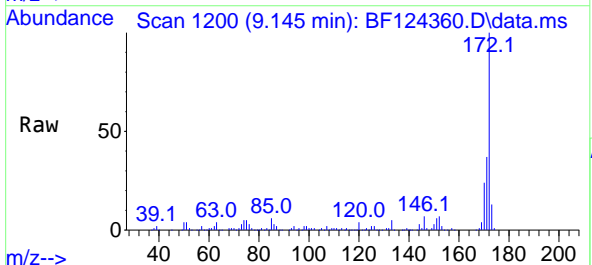


Tgt Ion: 330 Resp: 73572
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 37.1 27.9 41.9

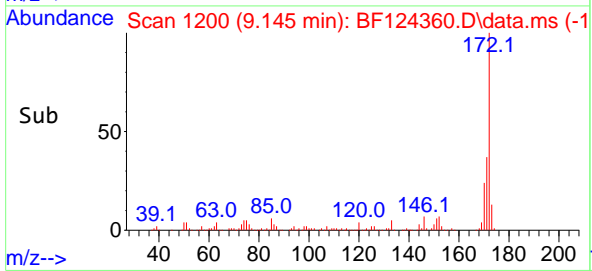
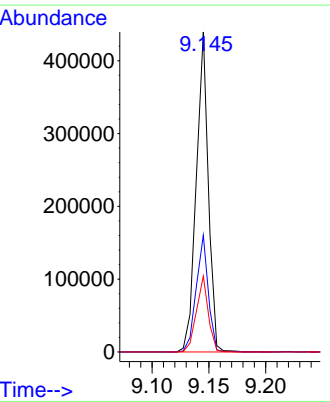
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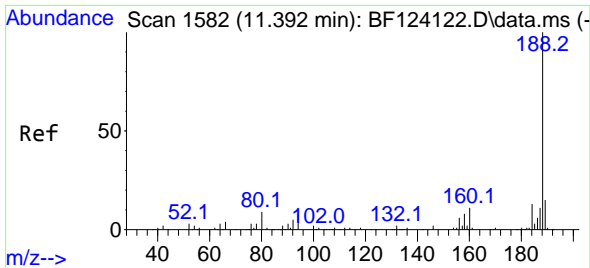


#45
 2-Fluorobiphenyl
 Concen: 48.888 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



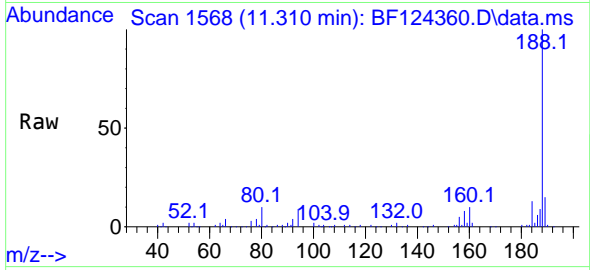
Tgt Ion: 172 Resp: 324125
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.1 42.1
 170 23.7 19.2 28.8





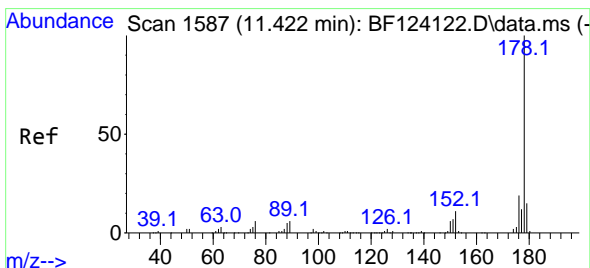
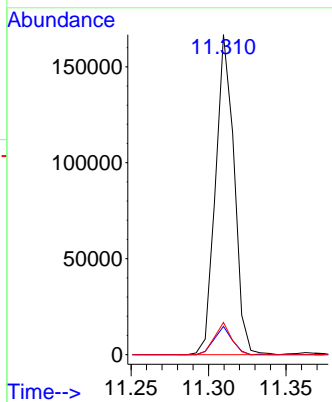
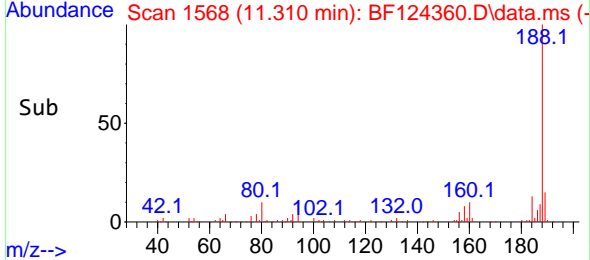
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

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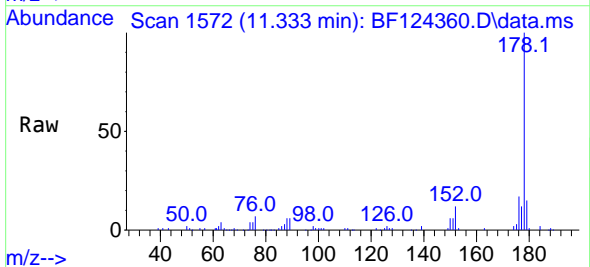


Tgt Ion:188 Resp: 139316
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.9 10.3
 80 10.1 8.2 12.2

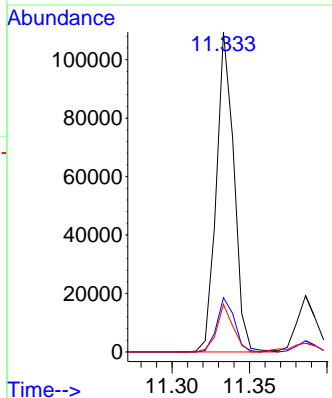
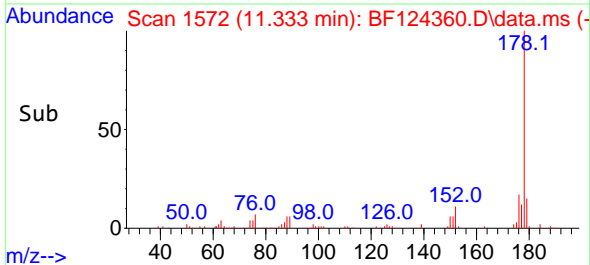
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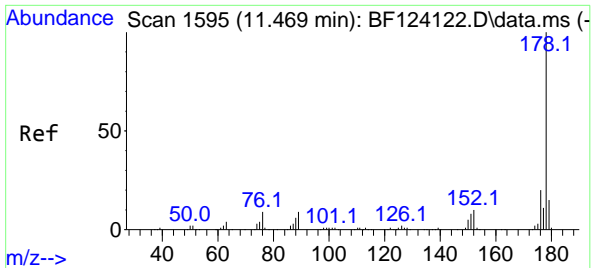


#71
 Phenanthrene
 Concen: 9.941 ng
 RT: 11.333 min Scan# 1572
 Delta R.T. -0.012 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



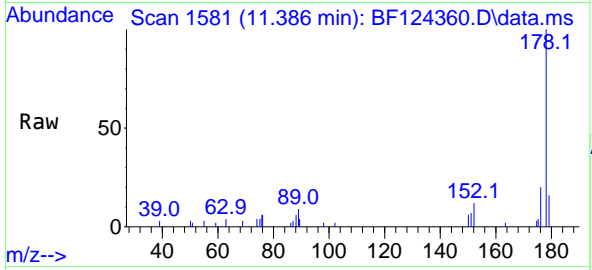
Tgt Ion:178 Resp: 86512
 Ion Ratio Lower Upper
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 176 17.0 15.6 23.4
 179 14.9 12.5 18.7





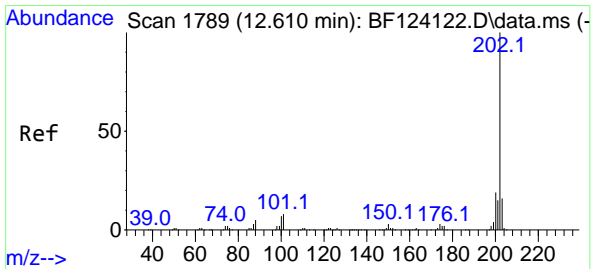
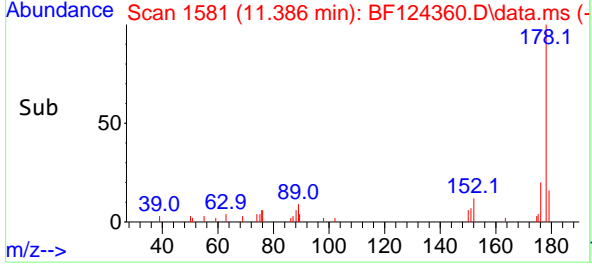
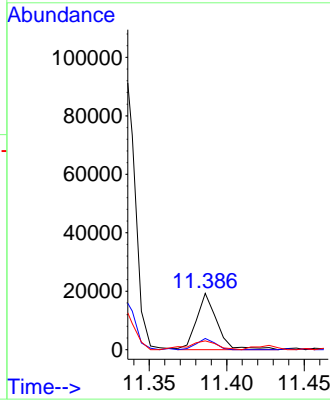
#72
 Anthracene
 Concen: 2.020 ng
 RT: 11.386 min Scan# 1581
 Delta R.T. -0.012 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

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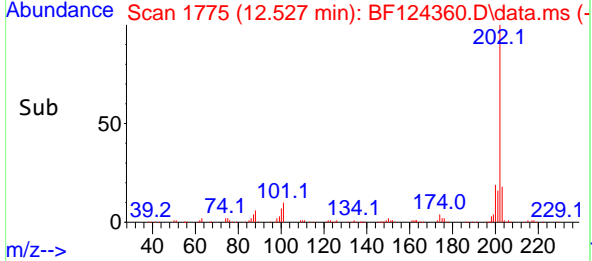
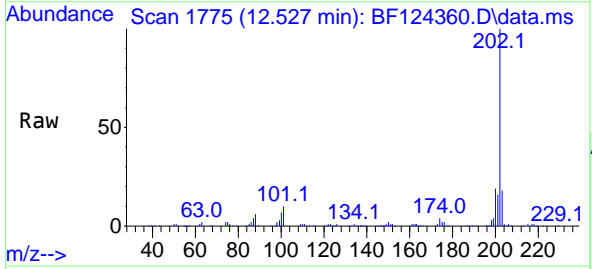
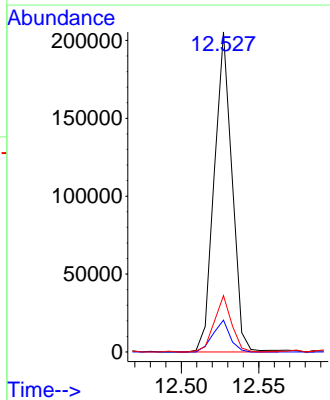
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 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 15.8 12.6 18.8

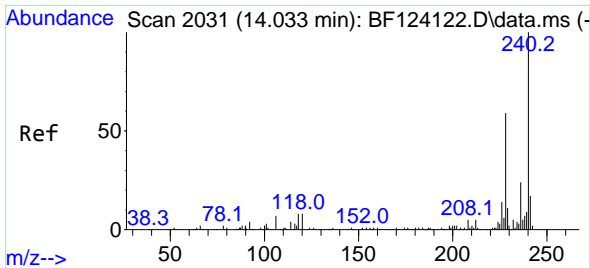
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#75
 Fluoranthene
 Concen: 17.915 ng
 RT: 12.527 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

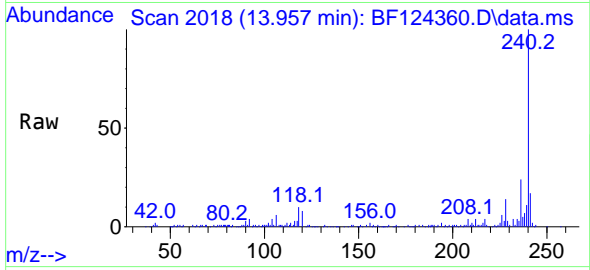
Tgt Ion:202 Resp: 163652
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 30.9
 203 17.6 0.0 37.5





#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

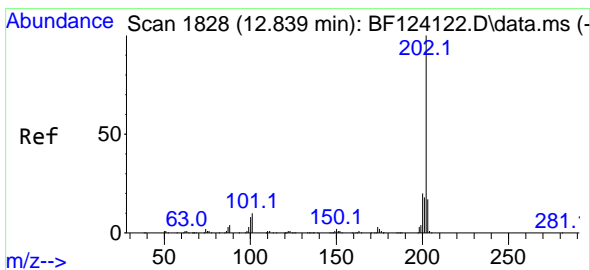
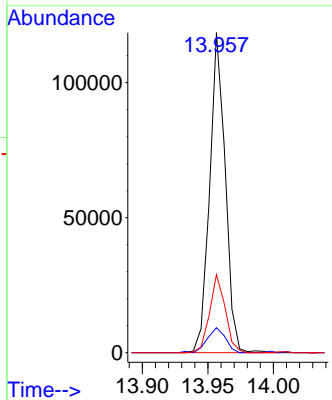
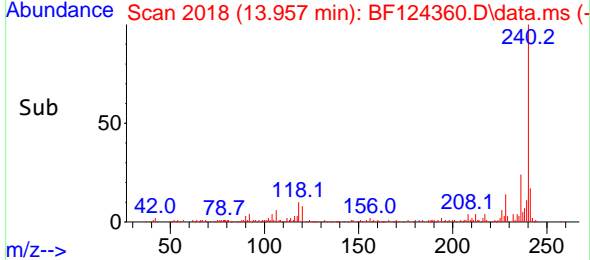
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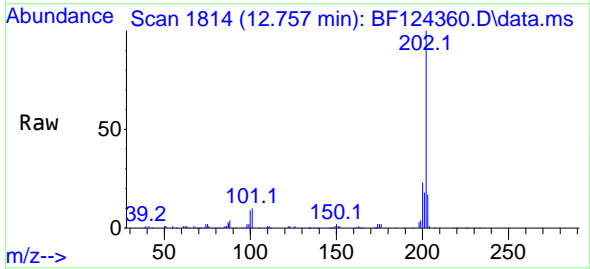
Tgt Ion: 240 Resp: 98147

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.2	10.8
236	24.4	19.0	28.4

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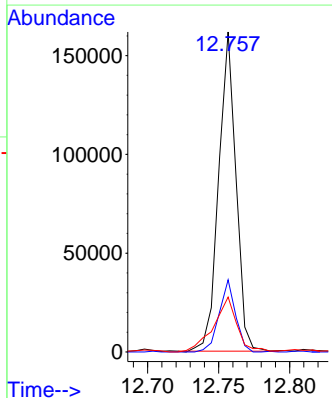
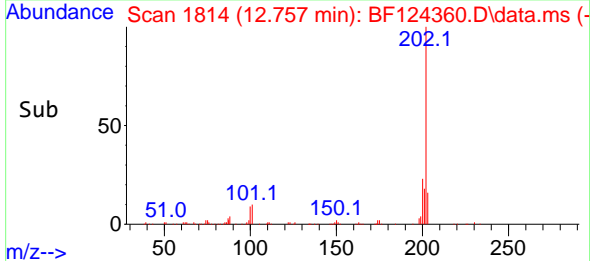


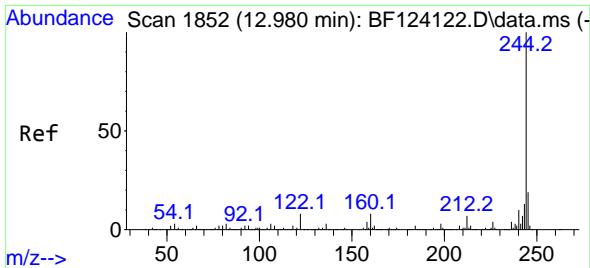
#78
 Pyrene
 Concen: 14.510 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



Tgt Ion: 202 Resp: 136749

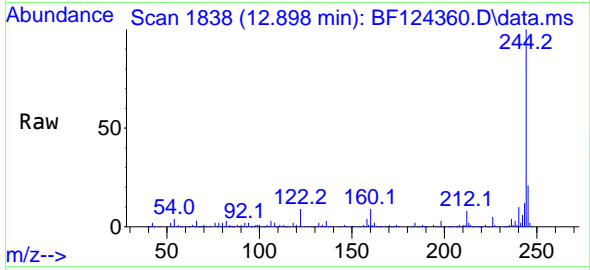
Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.1	24.1
203	17.2	14.8	22.2





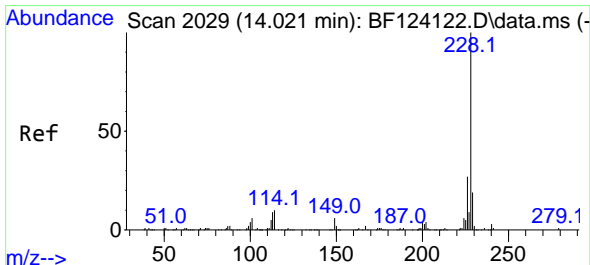
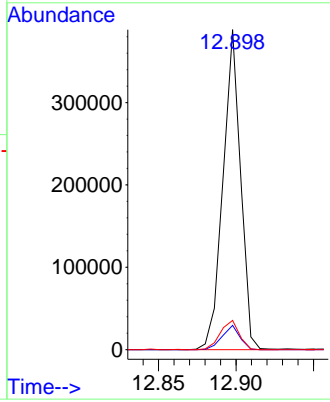
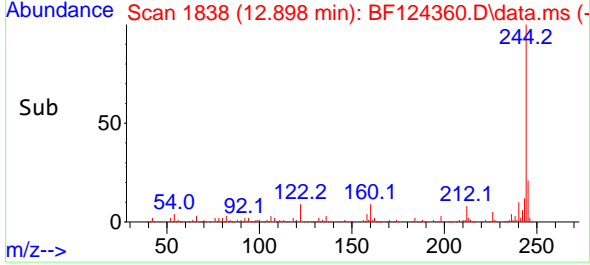
#79
 Terphenyl-d14
 Concen: 42.958 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

Instrument :
 BNA_F
ClientSampled :
 VNJ-216

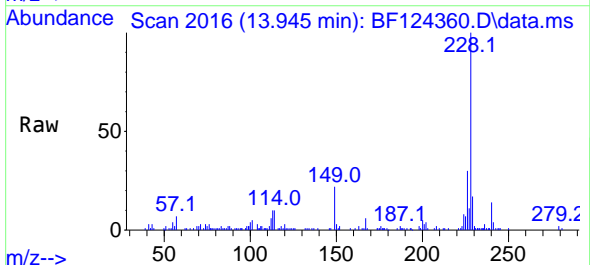


Tgt Ion:244 Resp: 307086
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 9.2 9.7 14.5#

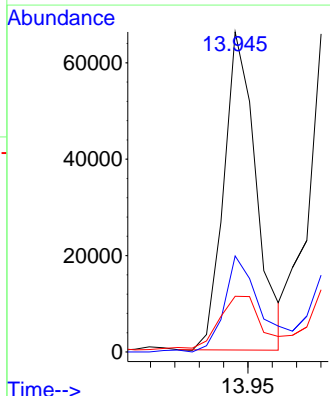
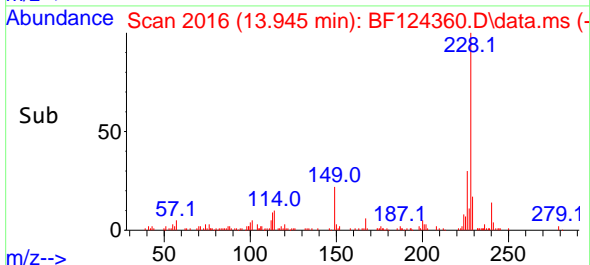
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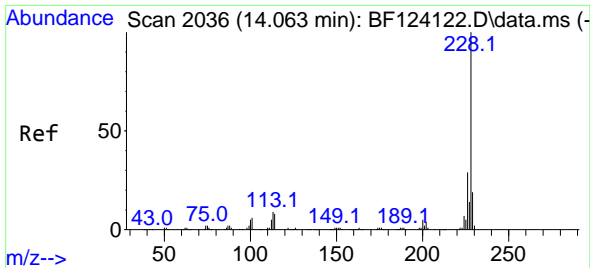


#81
 Benzo(a)anthracene
 Concen: 8.559 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



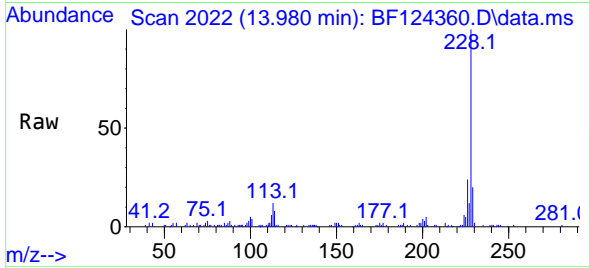
Tgt Ion:228 Resp: 61199
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.4 33.6
 229 17.4 16.0 24.0





#83
 Chrysene
 Concen: 10.102 ng m
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.012 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

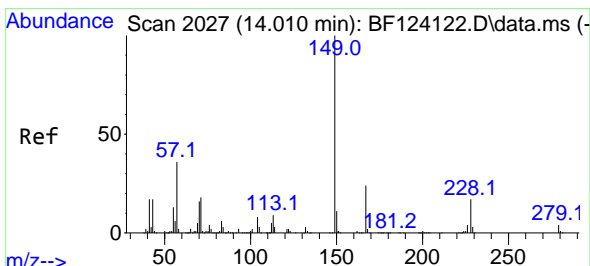
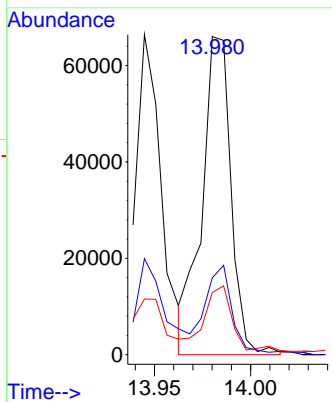
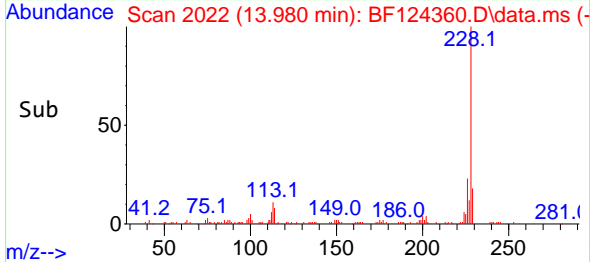
Instrument :
 BNA_F
 ClientSampled :
 VNJ-216



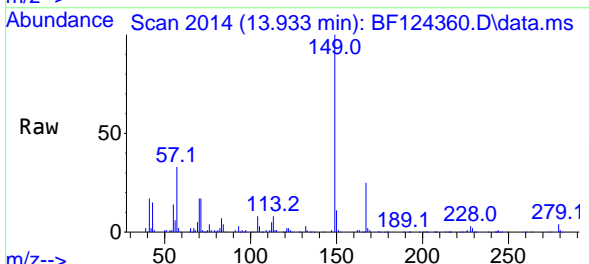
Tgt Ion:228 Resp: 69689
 Ion Ratio Lower Upper
 228 100
 226 24.1 24.3 36.5#
 229 19.6 16.2 24.2

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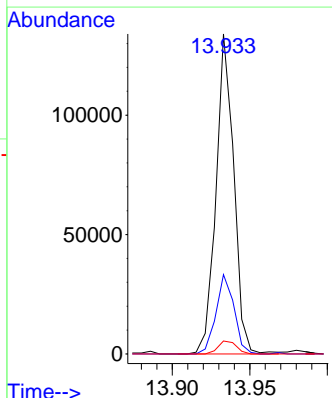
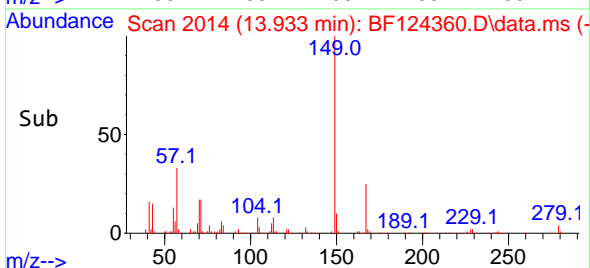
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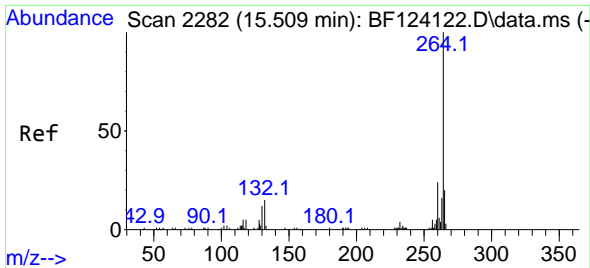


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.515 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



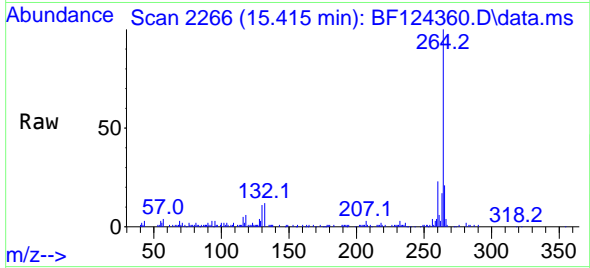
Tgt Ion:149 Resp: 106945
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.6
 279 4.1 3.3 4.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

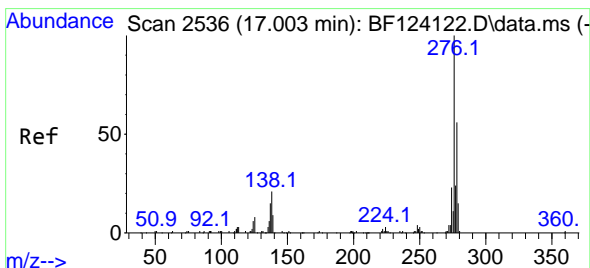
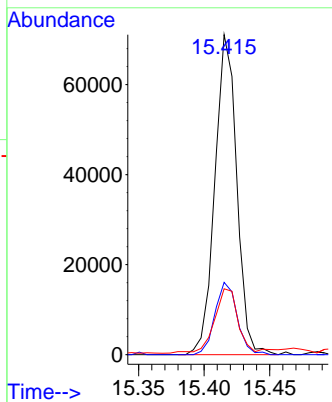
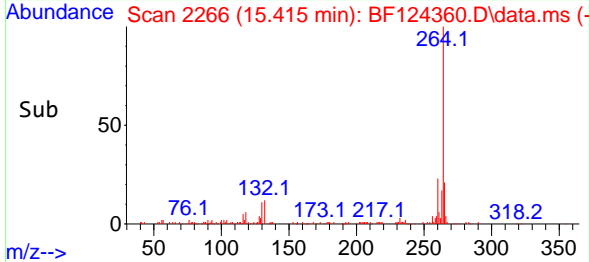
Instrument :
 BNA_F
 ClientSampled :
 VNJ-216



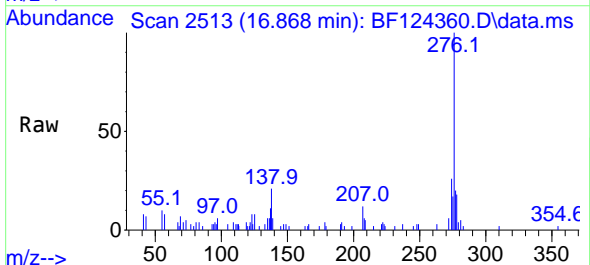
Tgt Ion:264 Resp: 82364
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 20.6 17.8 26.8

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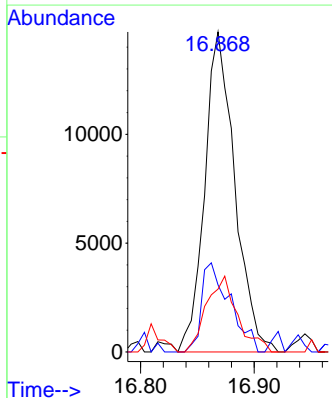
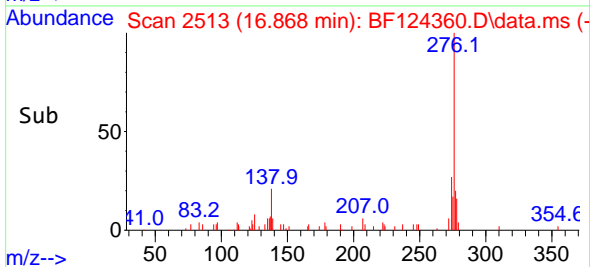
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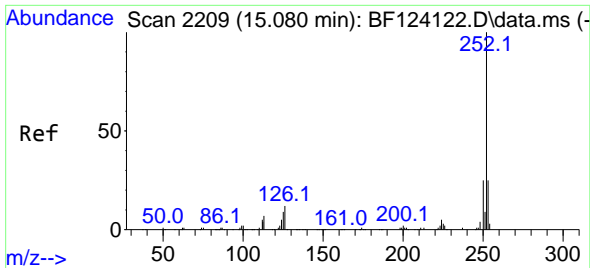


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.935 ng
 RT: 16.868 min Scan# 2513
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



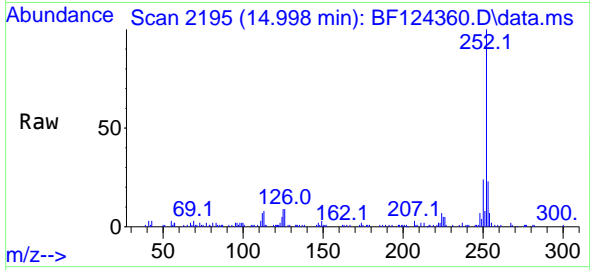
Tgt Ion:276 Resp: 27124
 Ion Ratio Lower Upper
 276 100
 138 26.3 16.2 24.2#
 277 24.4 20.1 30.1





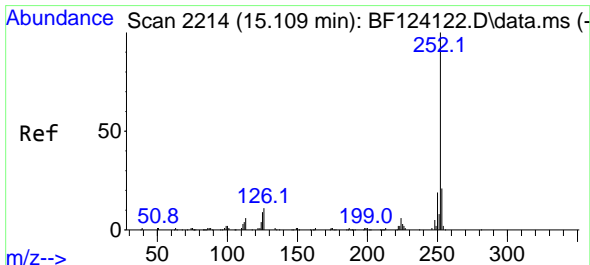
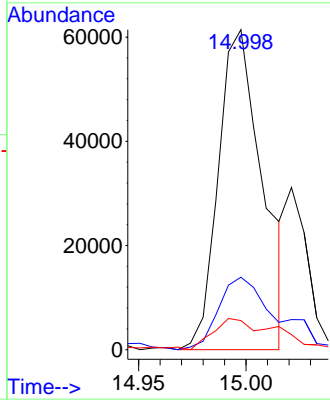
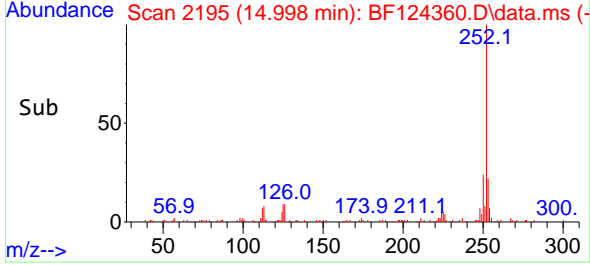
#88
 Benzo(b)fluoranthene
 Concen: 13.740 ng m
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

Instrument :
 BNA_F
ClientSampled :
 VNJ-216

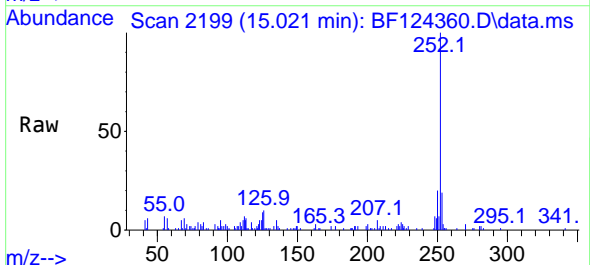


Tgt Ion:252 Resp: 87911
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 9.1 6.2 9.4

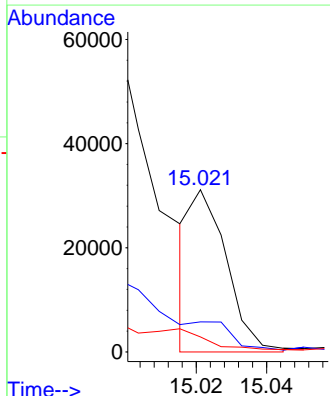
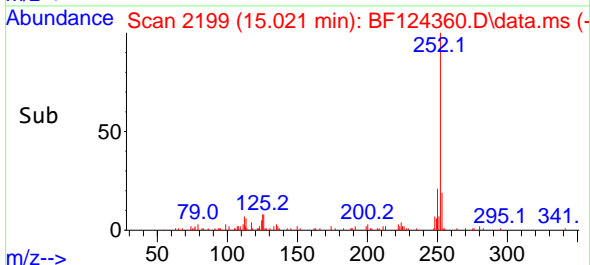
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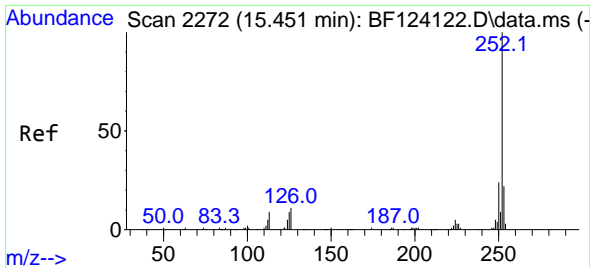


#89
 Benzo(k)fluoranthene
 Concen: 3.597 ng m
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



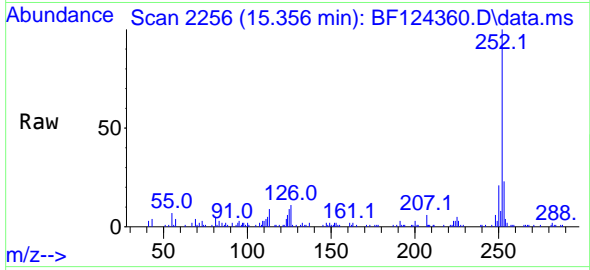
Tgt Ion:252 Resp: 21788
 Ion Ratio Lower Upper
 252 100
 253 18.5 17.9 26.9
 125 9.3 7.0 10.6





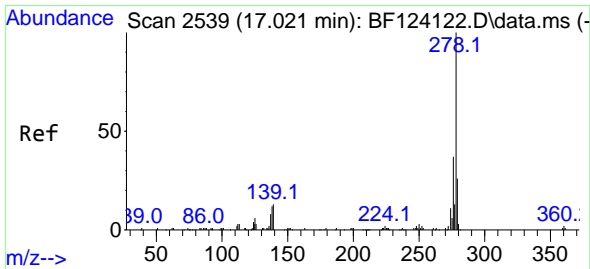
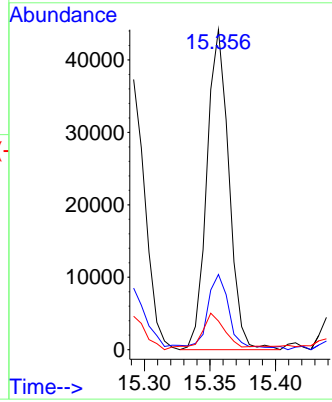
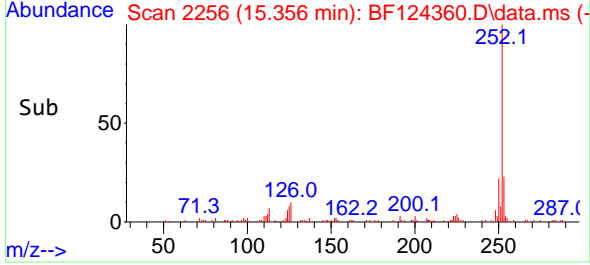
#90
 Benzo(a)pyrene
 Concen: 9.305 ng
 RT: 15.356 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

Instrument :
 BNA_F
ClientSampled :
 VNJ-216

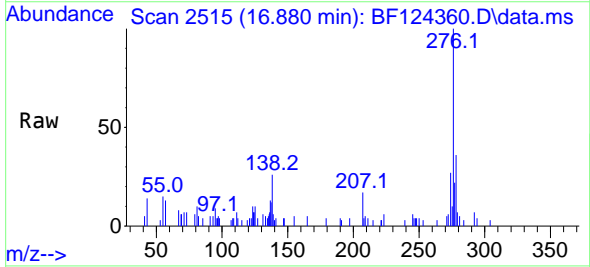


Tgt Ion:252 Resp: 51710
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.4 27.6
 125 8.9 8.0 12.0

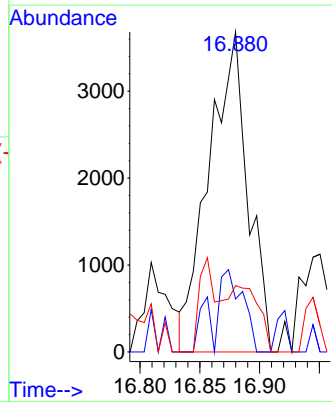
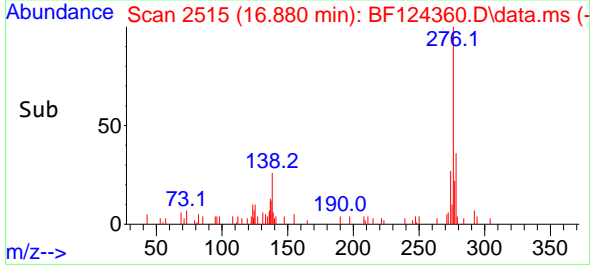
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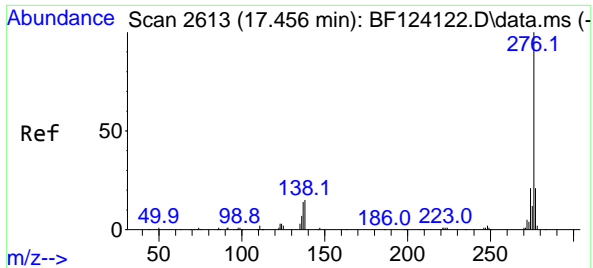


#91
 Dibenzo(a,h)anthracene
 Concen: 5.476 ng m
 RT: 16.880 min Scan# 2515
 Delta R.T. -0.006 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36



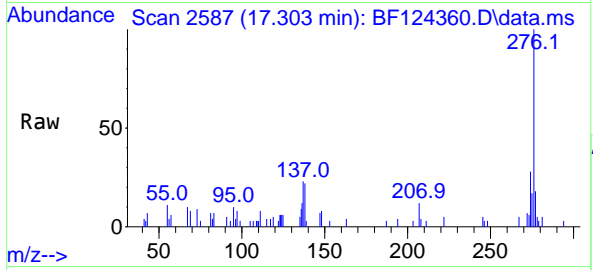
Tgt Ion:278 Resp: 8340
 Ion Ratio Lower Upper
 278 100
 139 16.6 10.2 15.2#
 279 20.8 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 7.776 ng m
 RT: 17.303 min Scan# 2587
 Delta R.T. -0.012 min
 Lab File: BF124360.D
 Acq: 17 Jun 2021 13:36

Instrument :
 BNA_F
ClientSampled :
 VNJ-216



Tgt Ion: 276 Resp: 24891

Ion	Ratio	Lower	Upper
276	100		
277	18.0	18.2	27.2#
138	22.0	13.8	20.6#

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