

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125387.D
 Acq On : 7 Sep 2021 14:47
 Operator : JU/CG
 Sample : M3657-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TFI-358

Manual Integrations
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 9/9/2021 11:50:42 AM

Quant Time: Sep 07 16:24:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	129432	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	460643	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	208254	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	344213	20.000	ng	0.00
76) Chrysene-d12	14.063	240	330713	20.000	ng	0.00
86) Perylene-d12	15.557	264	363196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	650874	76.114	ng	0.00
7) Phenol-d6	6.528	99	796547	72.024	ng	0.00
23) Nitrobenzene-d5	7.457	82	503727	55.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	182421	87.752	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	819592	54.851	ng	0.00
79) Terphenyl-d14	13.004	244	834373	40.193	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.639	202	55020	2.924	ng	97
78) Pyrene	12.869	202	64412	2.271	ng	96
84) Bis(2-ethylhexyl)phtha...	14.033	149	570145	37.214	ng	98
88) Benzo(b)fluoranthene	15.115	252	60024m	2.262	ng	

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

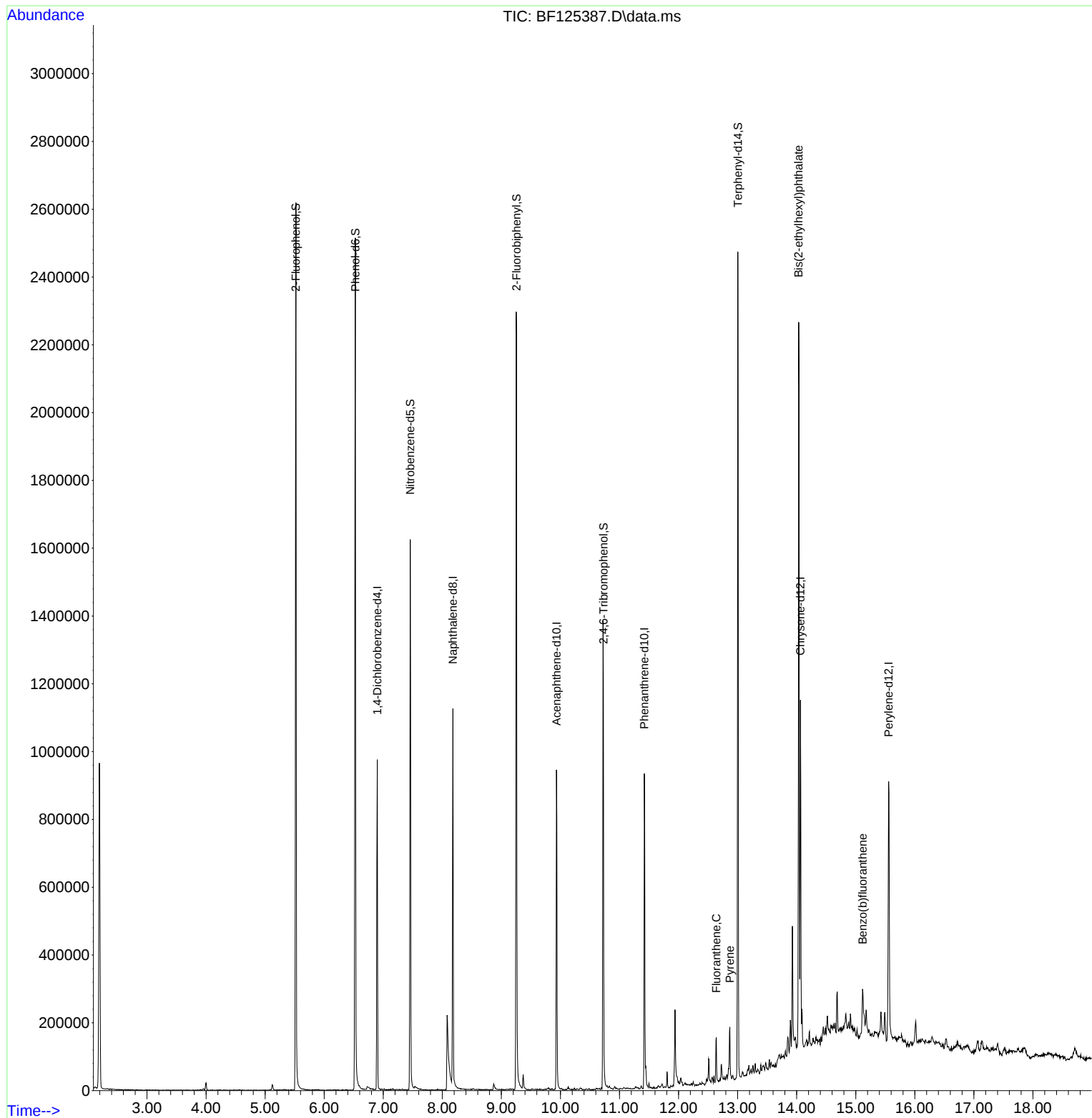
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
Data File : BF125387.D
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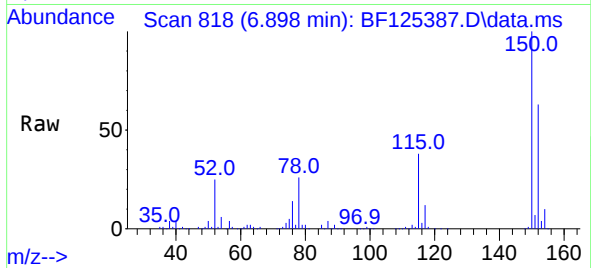
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Quant Time: Sep 07 16:24:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

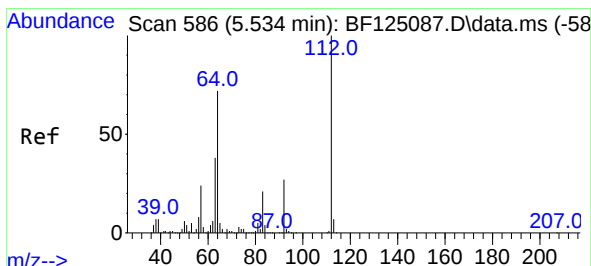
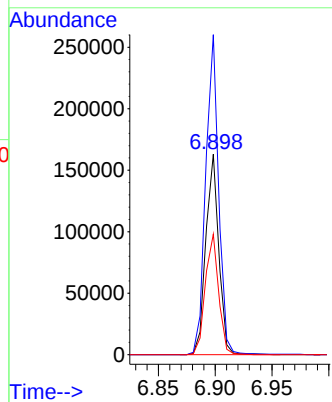
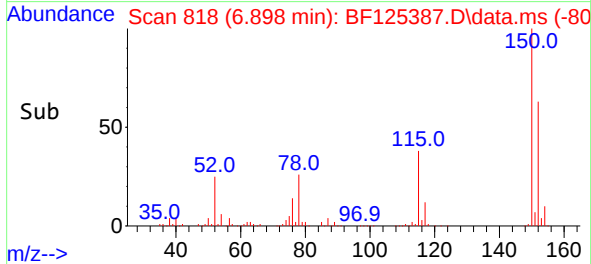




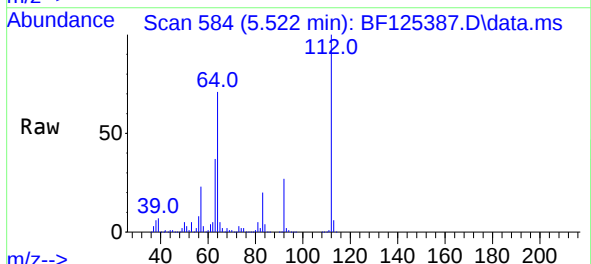
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47



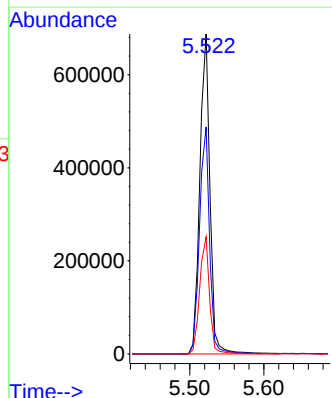
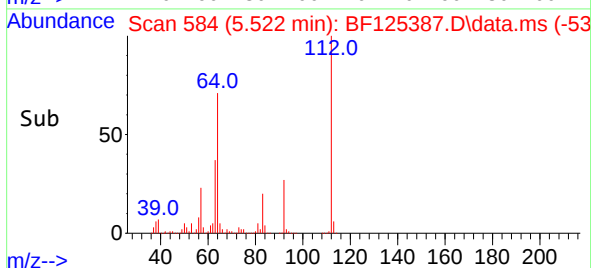
Tgt Ion:152 Resp: 129432
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 76.114 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125387.D
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Tgt Ion:112 Resp: 650874
Ion Ratio Lower Upper
112 100
64 71.0 44.2 66.2#
63 36.6 26.2 39.2



Instrument :
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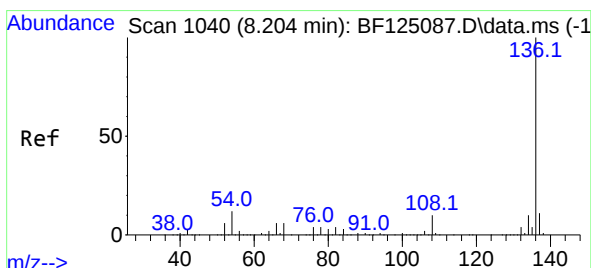
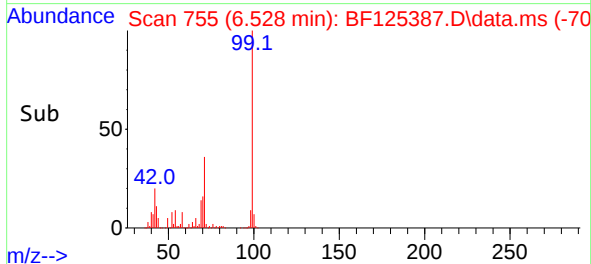
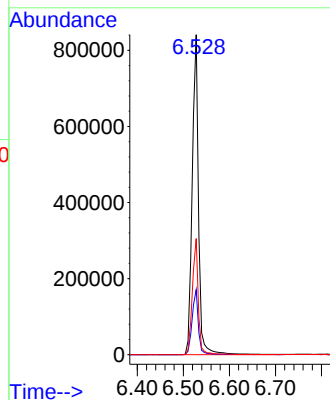
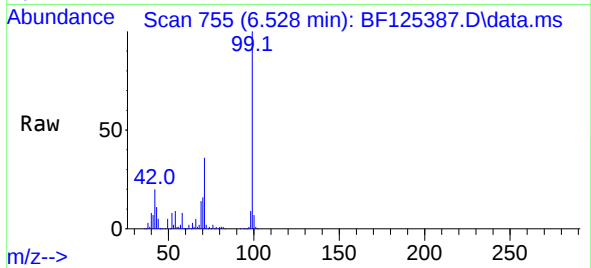
#7
Phenol-d6
Concen: 72.024 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion: 99 Resp: 796547
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 36.3 25.6 38.4

Instrument :
BNA_F
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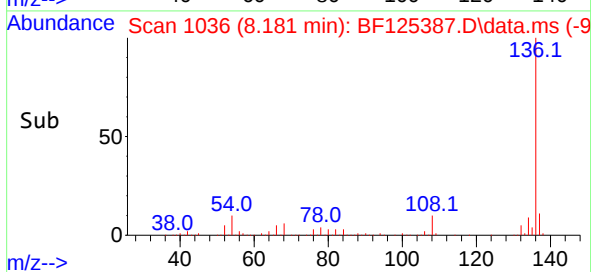
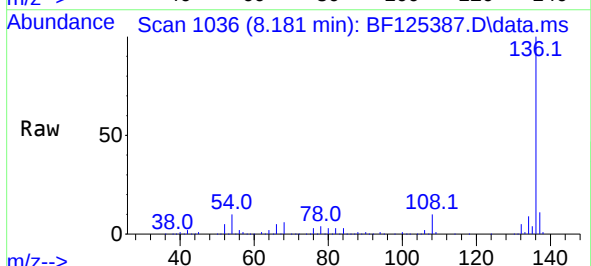
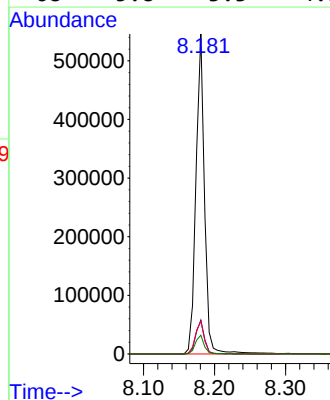
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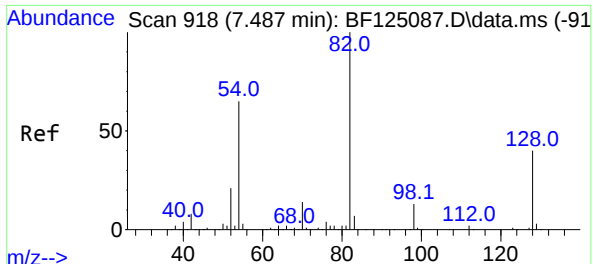
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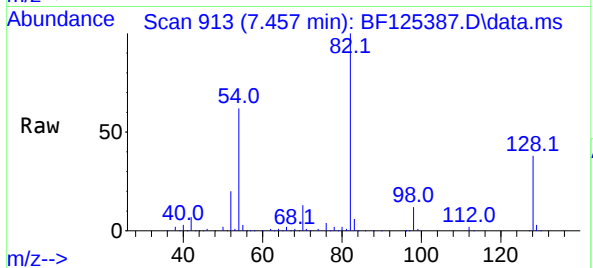
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion: 136 Resp: 460643
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 10.2 6.4 9.6#
68 5.8 3.3 4.9#

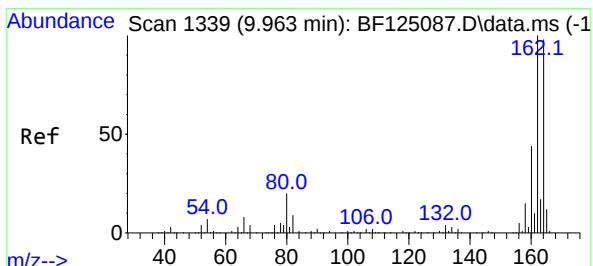
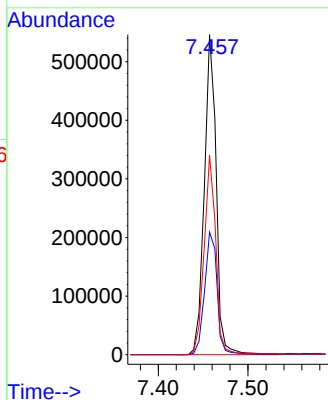
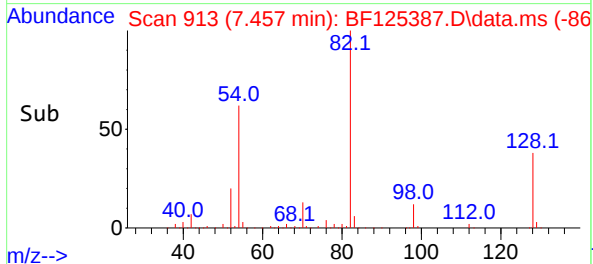




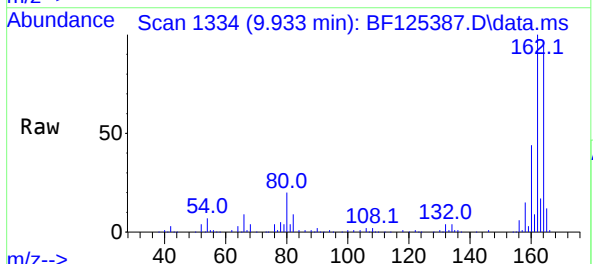
#23
Nitrobenzene-d5
Concen: 55.053 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47



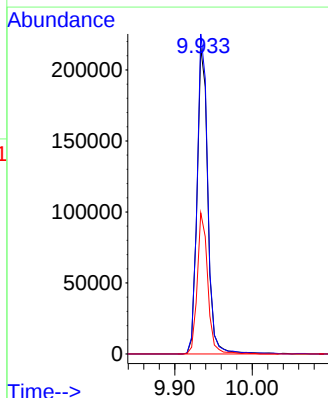
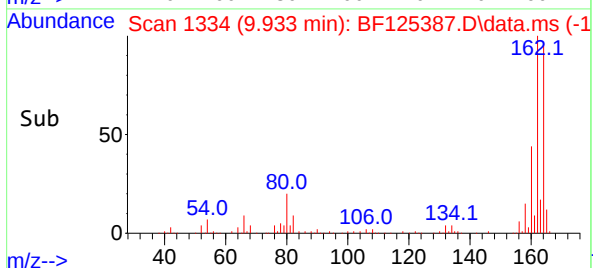
Tgt Ion: 82 Resp: 503727
Ion Ratio Lower Upper
82 100
128 38.3 40.6 60.8#
54 62.3 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47



Tgt Ion: 164 Resp: 208254
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 46.1 38.0 57.0



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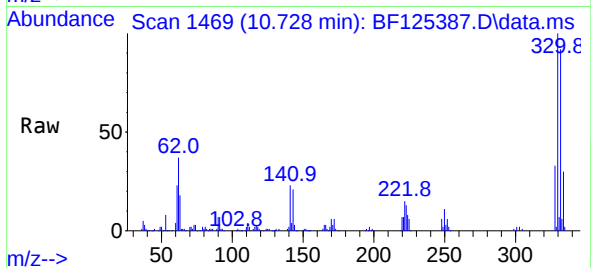
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#42
2,4,6-Tribromophenol
Concen: 87.752 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

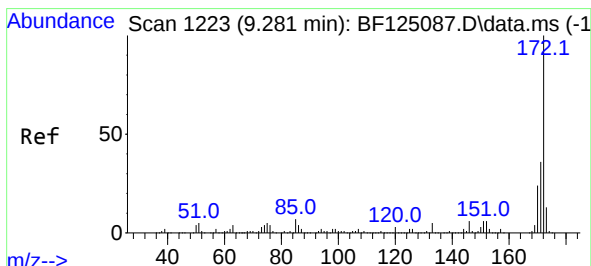
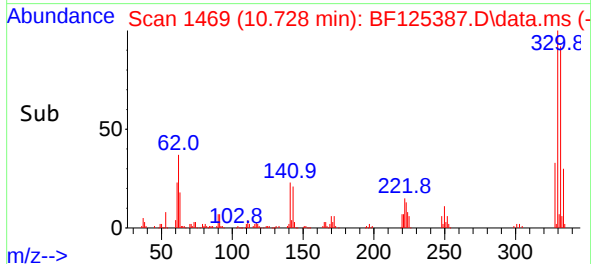
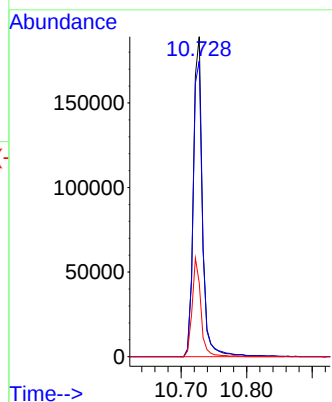
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ClientSampleId :
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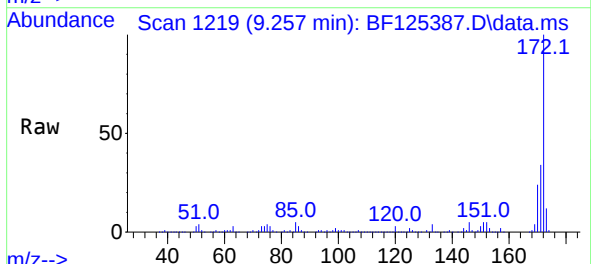
Tgt Ion:330 Resp: 182421
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 29.5 44.6 66.8#

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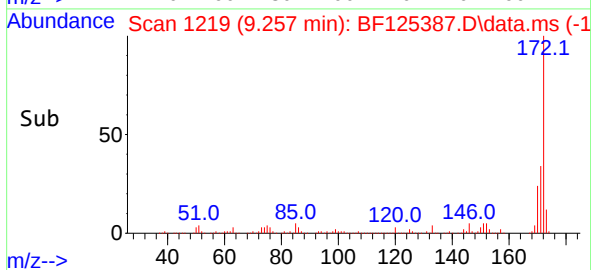
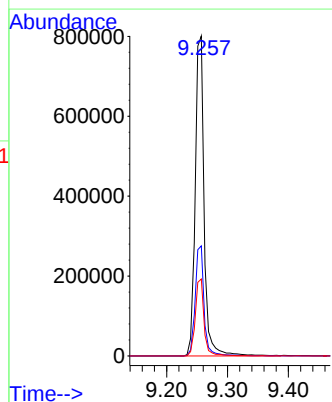
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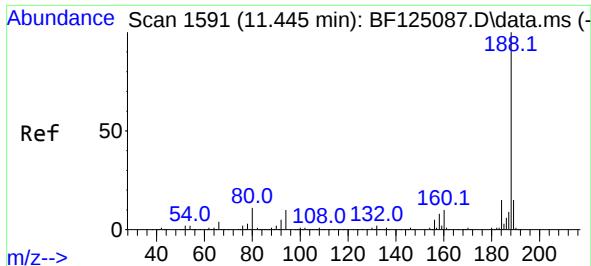


#45
2-Fluorobiphenyl
Concen: 54.851 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47



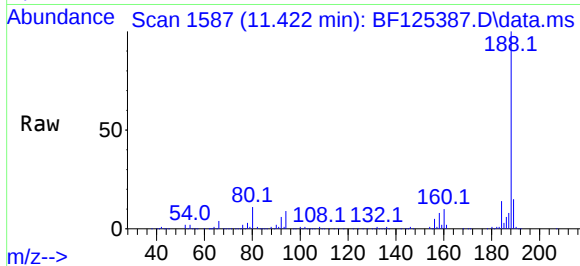
Tgt Ion:172 Resp: 819592
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 24.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

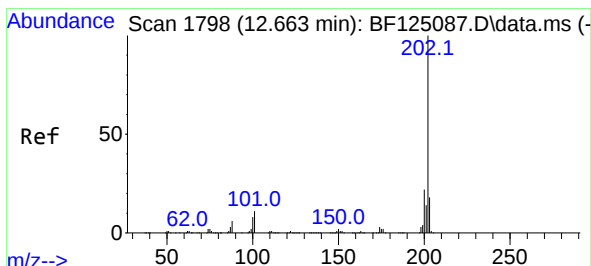
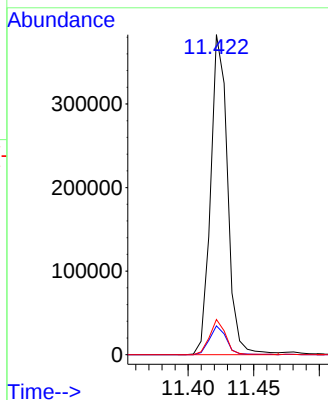
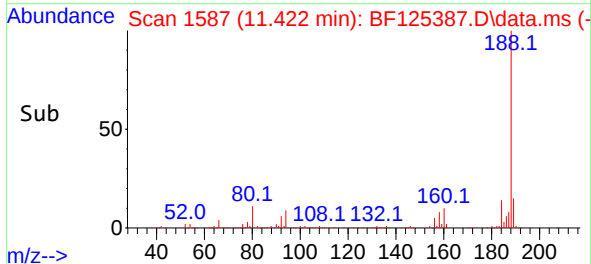
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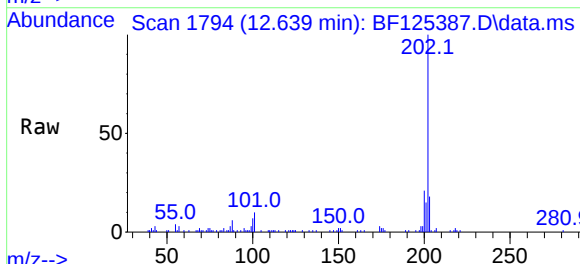
Tgt Ion:188 Resp: 344213
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 11.0 7.5 11.3

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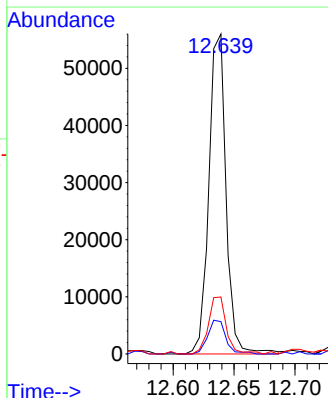
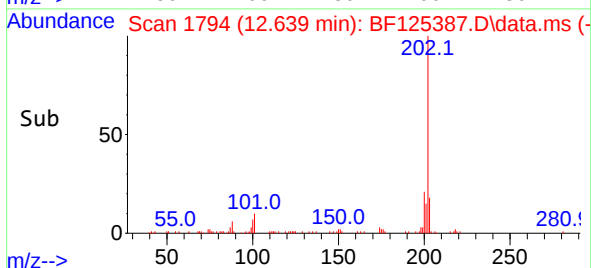
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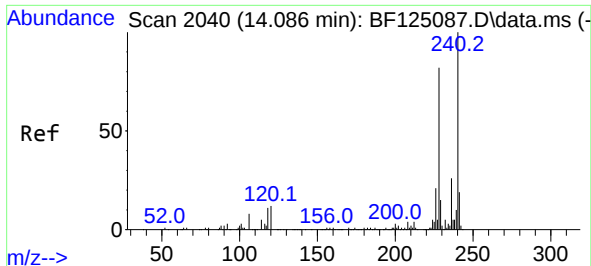


#75
Fluoranthene
Concen: 2.924 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47



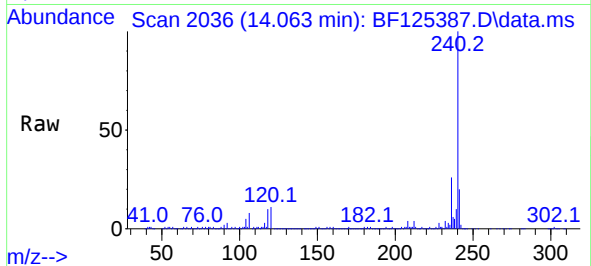
Tgt Ion:202 Resp: 55020
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.7
203 17.8 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

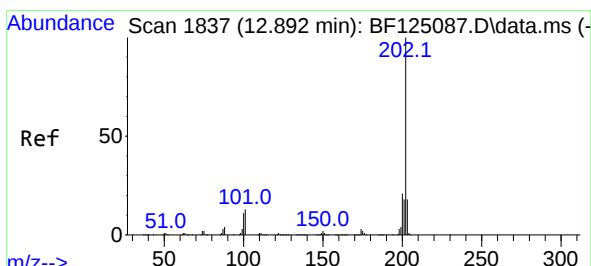
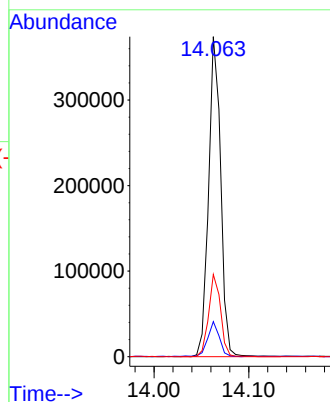
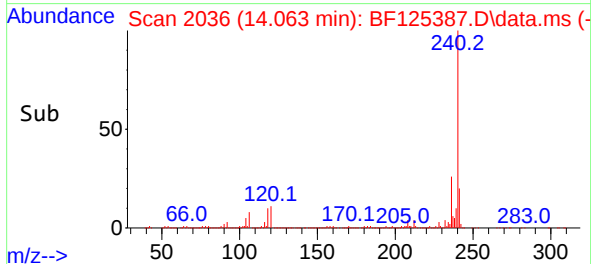
Instrument :
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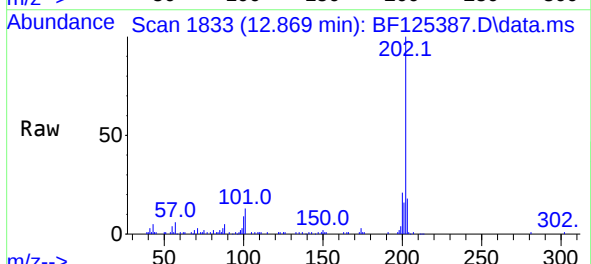
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Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.7 21.6 32.4

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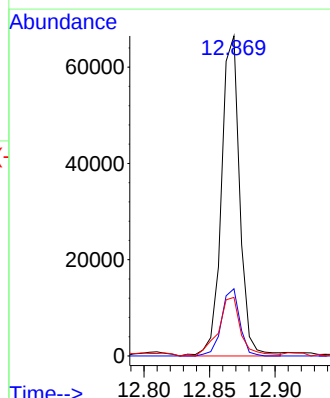
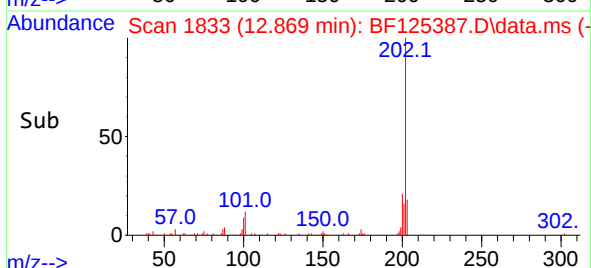
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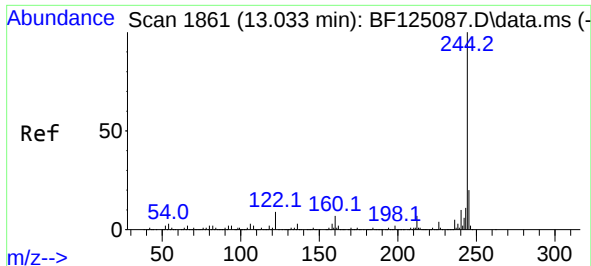


#78
Pyrene
Concen: 2.271 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47



Tgt Ion:202 Resp: 64412
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 18.3 13.4 20.0





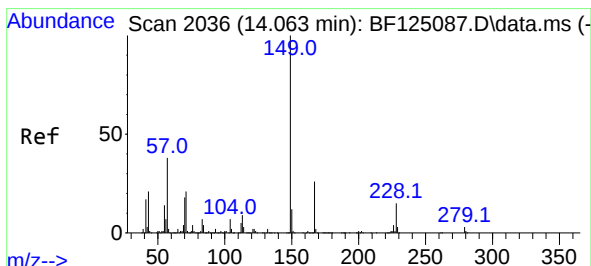
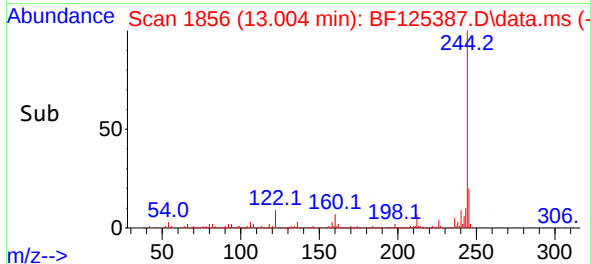
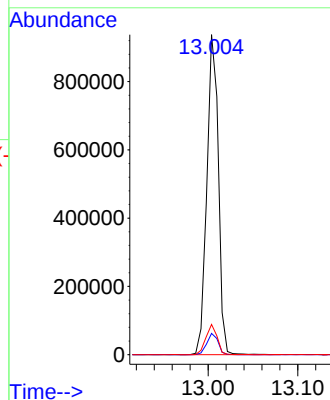
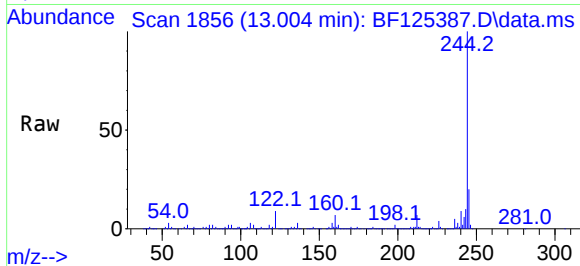
#79
Terphenyl-d14
Concen: 40.193 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:244 Resp: 834373
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.4 9.0 13.4

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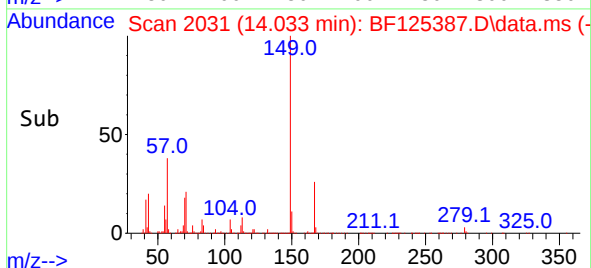
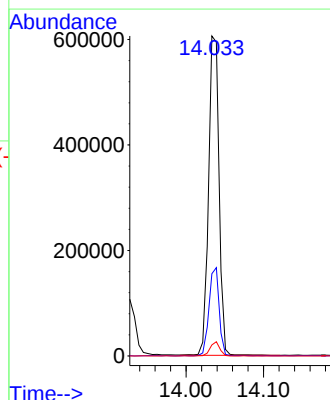
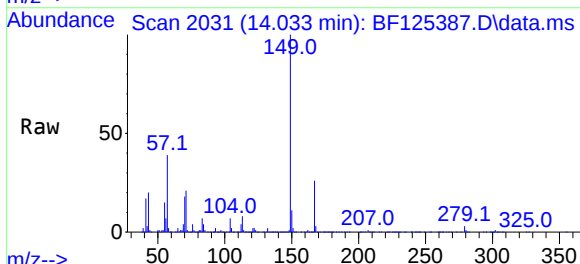
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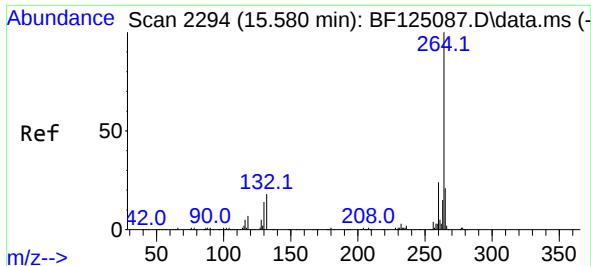
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.214 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:149 Resp: 570145
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.0
279 3.4 2.6 4.0





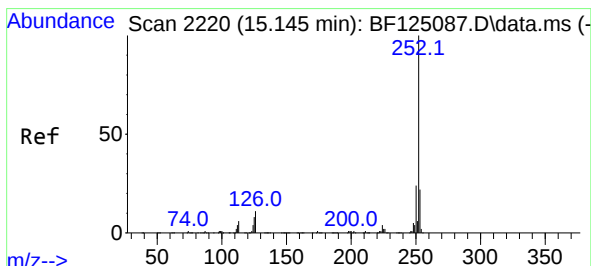
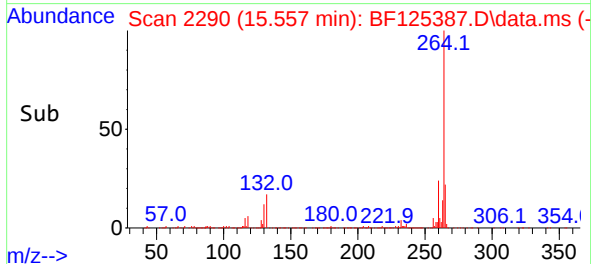
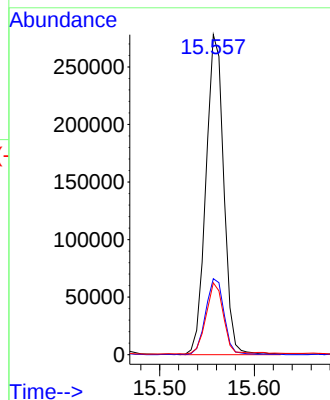
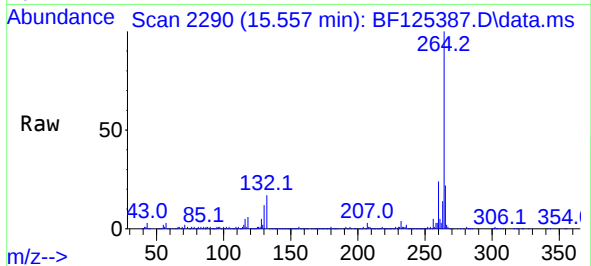
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:264 Resp: 363196
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.5 17.2 25.8

Instrument :
BNA_F
ClientSampled :
TFI-358

Manual Integrations
APPROVED

mohammad
9/9/2021 11:50:42 AM



#88
Benzo(b)fluoranthene
Concen: 2.262 ng m
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF125387.D
Acq: 7 Sep 2021 14:47

Tgt Ion:252 Resp: 60024
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 10.9 9.8 14.8

