

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125905.D
 Acq On : 19 Oct 2021 17:55
 Operator : JU/CG
 Sample : M4274-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-DS

Manual Integrations
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Quant Time: Oct 20 09:28:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149215	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	597948	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	287645	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	425776	20.00	ng	# 0.00
76) Chrysene-d12	13.968	240	347687	20.00	ng	0.00
86) Perylene-d12	15.421	264	255855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	750402	82.16	ng	0.00
7) Phenol-d6	6.445	99	933206	79.36	ng	-0.01
23) Nitrobenzene-d5	7.381	82	527610	54.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	188150	66.25	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1031269	61.84	ng	0.00
79) Terphenyl-d14	12.921	244	910609	39.89	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	93326	4.54	ng	97
78) Pyrene	12.774	202	101545	2.87	ng	97
81) Benzo(a)anthracene	13.963	228	59499	2.64	ng	95
83) Chrysene	13.998	228	58735	2.63	ng	95
88) Benzo(b)fluoranthene	15.004	252	73105m	5.06	ng	
90) Benzo(a)pyrene	15.357	252	45674	3.57	ng	# 89

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

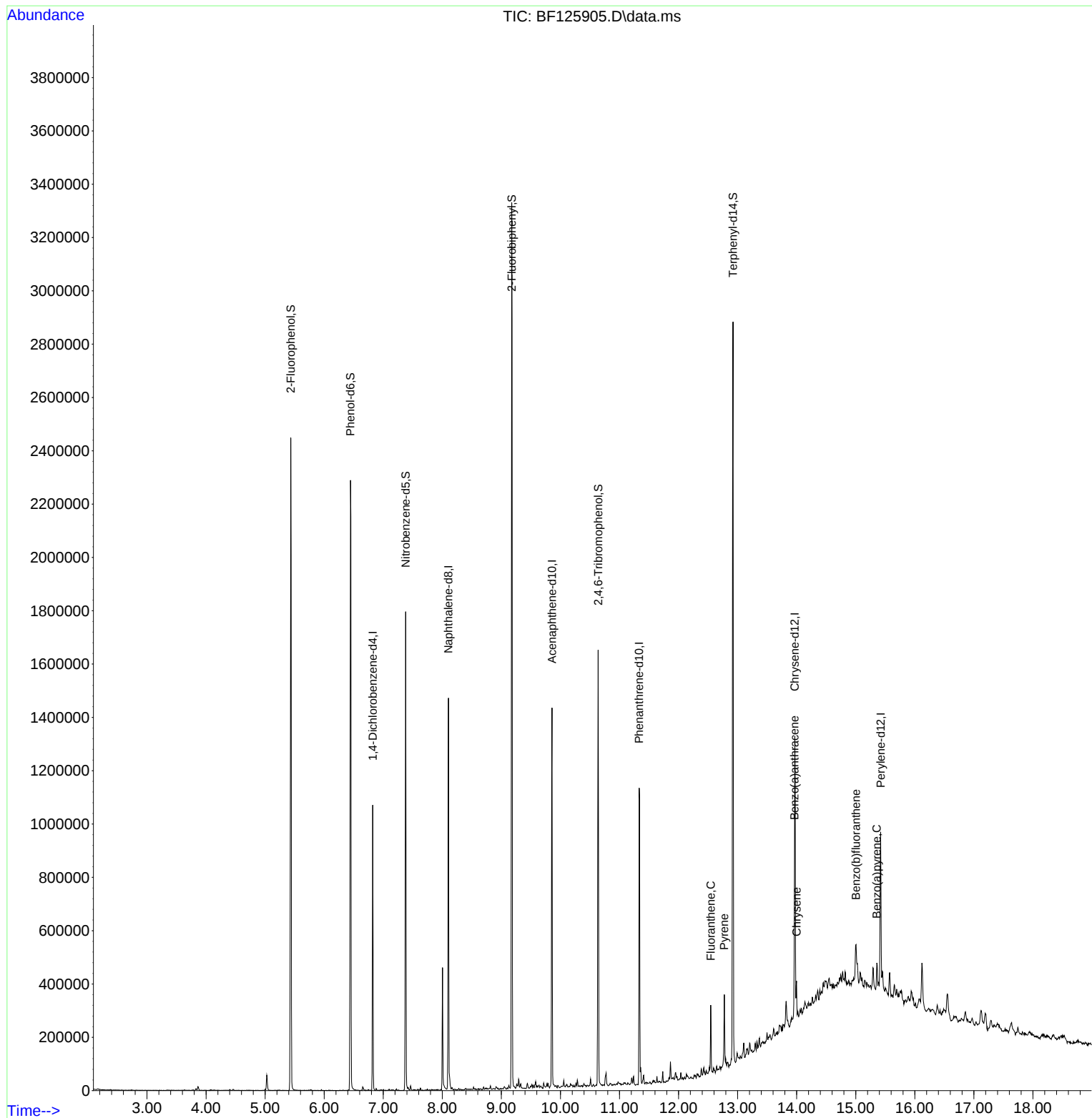
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
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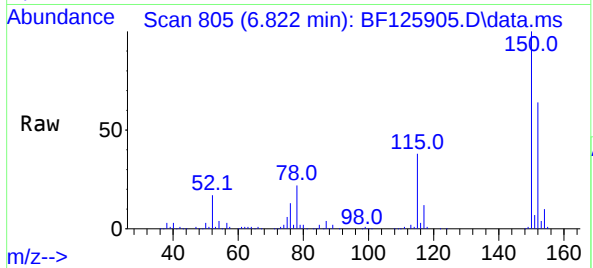
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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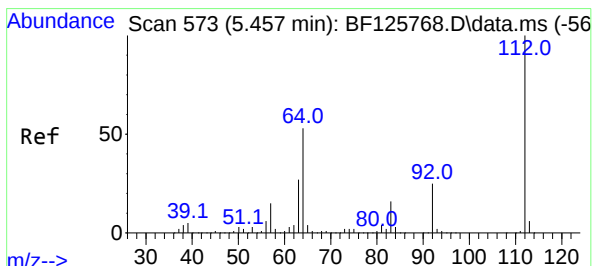
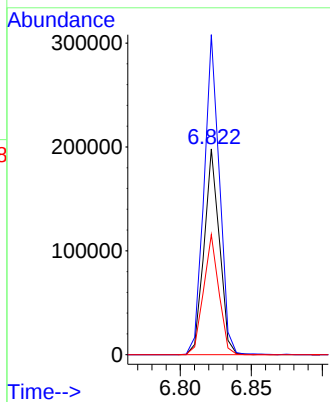
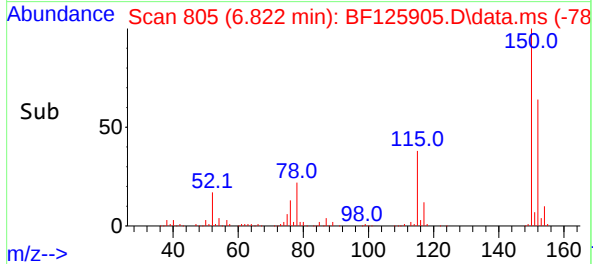




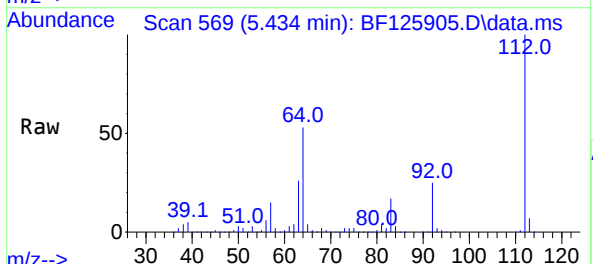
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125905.D
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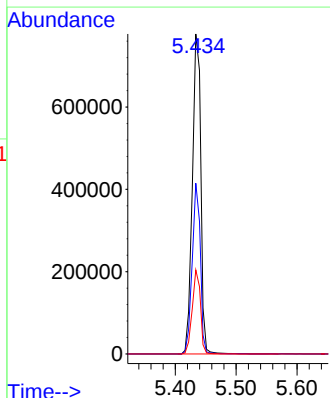
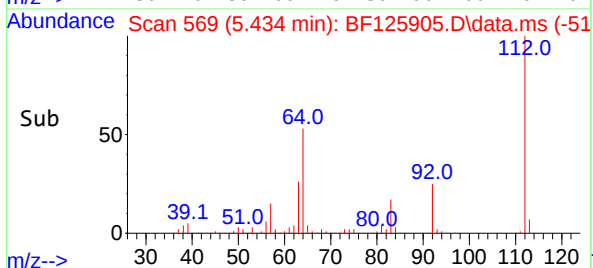
Tgt Ion:152 Resp: 149215
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 58.3 47.1 70.7



#5
2-Fluorophenol
Concen: 82.16 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55



Tgt Ion:112 Resp: 750402
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 26.3 26.2 39.2



Instrument :
BNA_F
ClientSampled :
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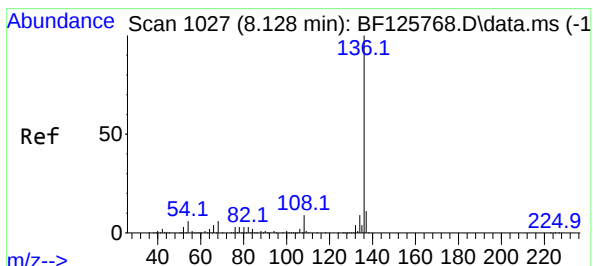
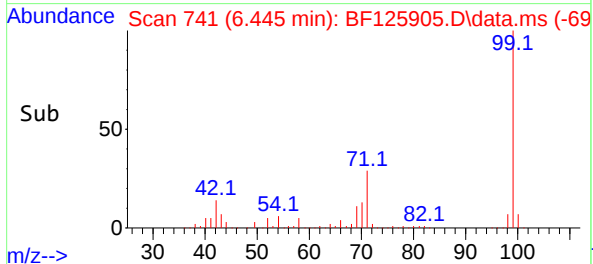
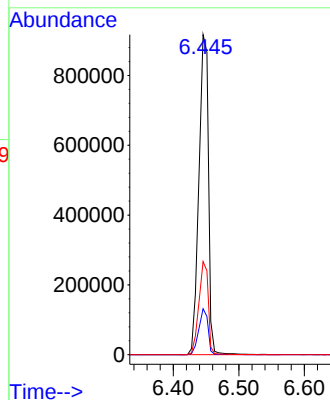
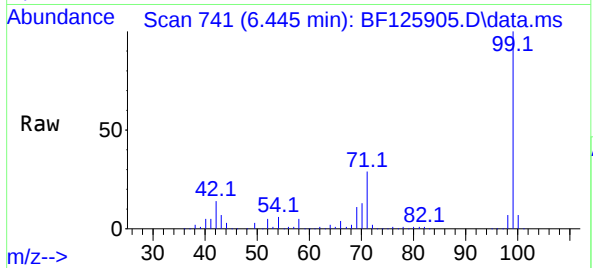
#7
Phenol-d6
Concen: 79.36 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion: 99 Resp: 933206
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.1 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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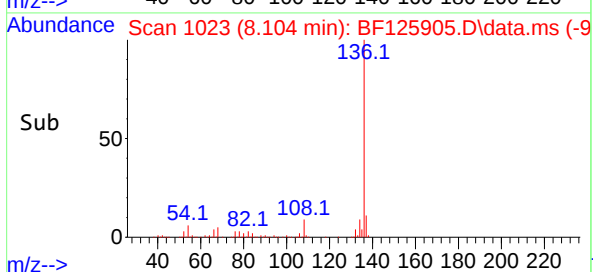
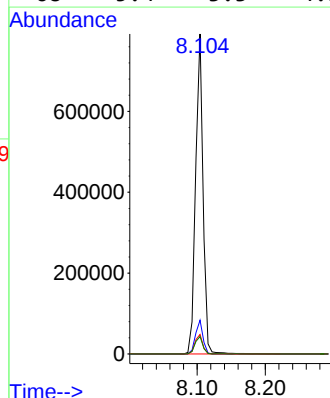
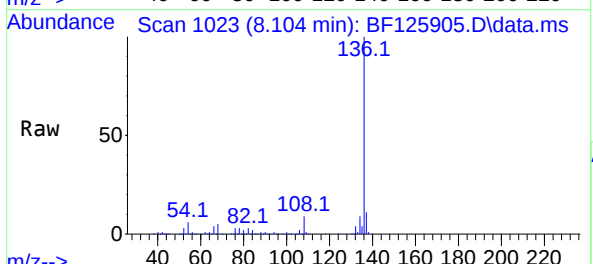
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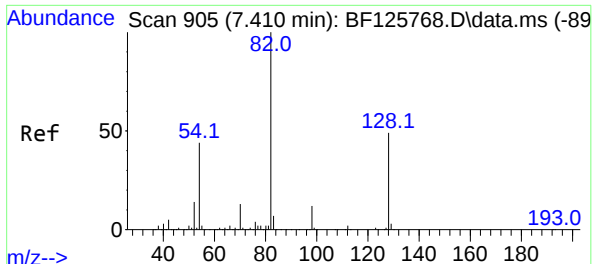
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion: 136 Resp: 597948
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.1 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 54.85 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125905.D

Acq: 19 Oct 2021 17:55

Tgt Ion: 82 Resp: 527610

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.6	60.8
54	42.9	49.6	74.4#

Instrument :

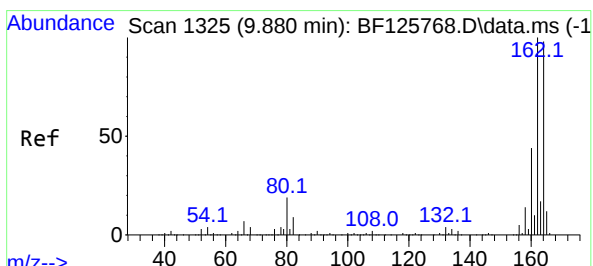
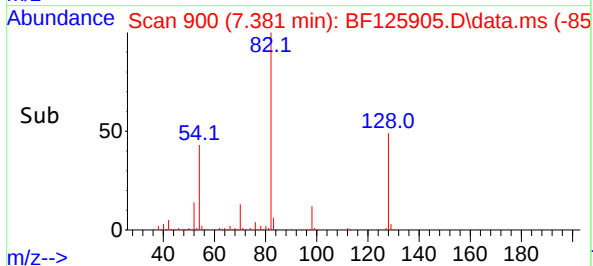
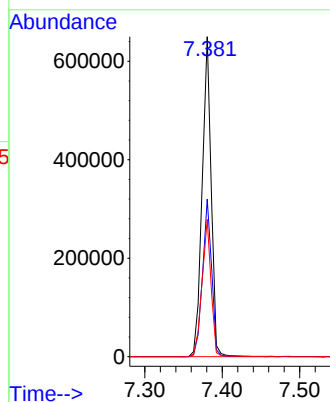
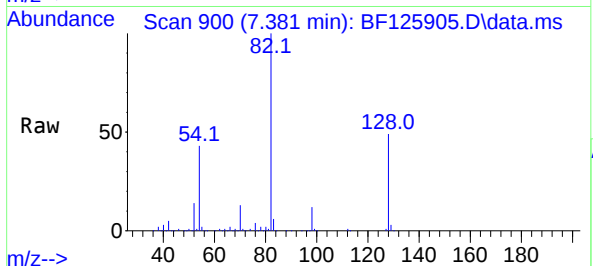
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

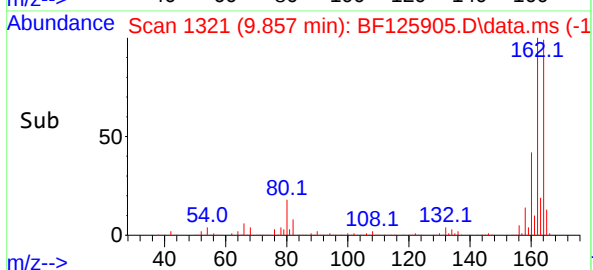
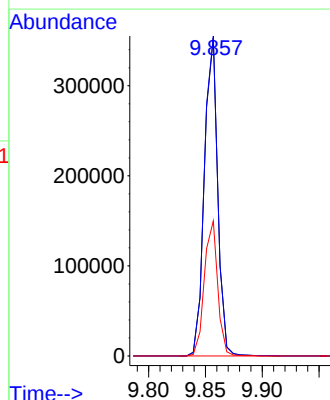
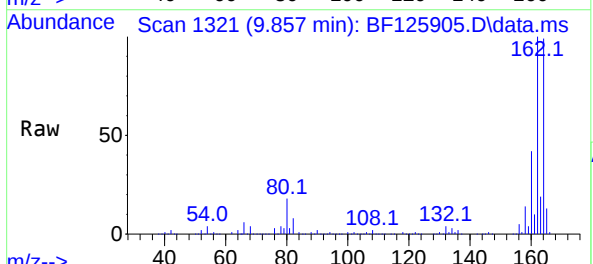
Delta R.T. -0.006 min

Lab File: BF125905.D

Acq: 19 Oct 2021 17:55

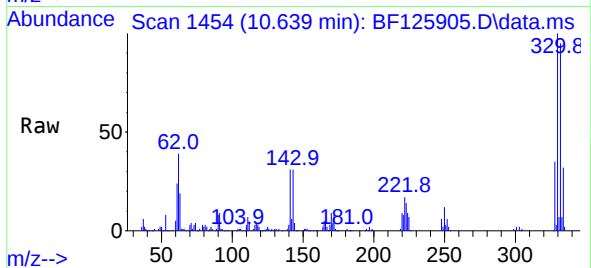
Tgt Ion: 164 Resp: 287645

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.3	121.9
160	42.5	38.0	57.0

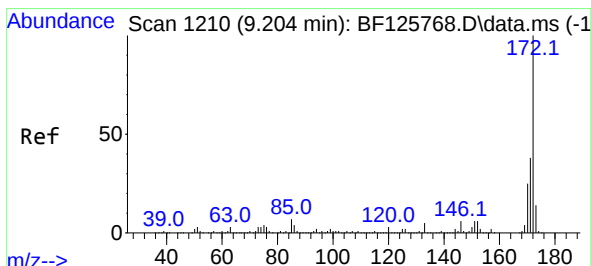
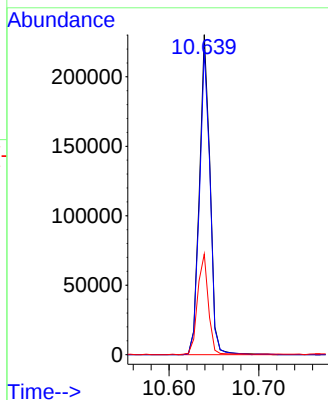
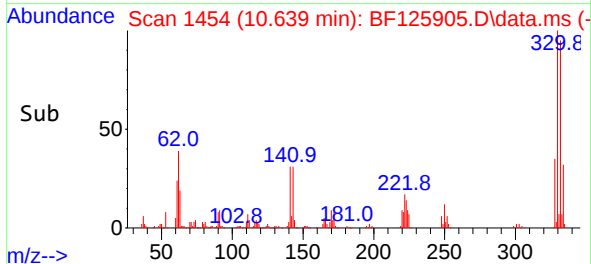




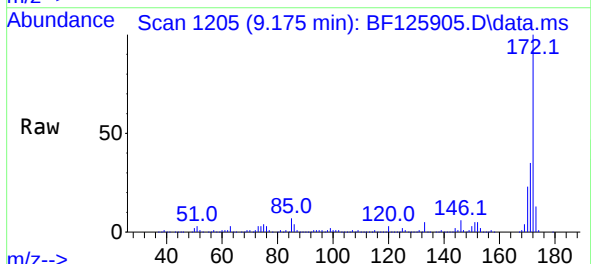
#42
2,4,6-Tribromophenol
Concen: 66.25 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55



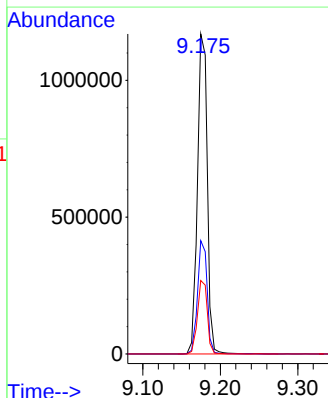
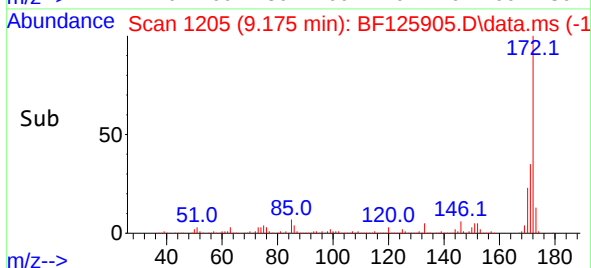
Tgt Ion: 330 Resp: 188150
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.84 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55



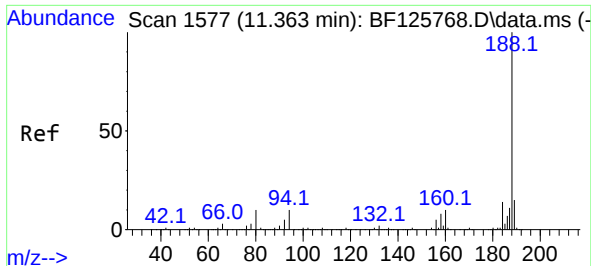
Tgt Ion: 172 Resp: 1031269
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 22.9 18.8 28.2



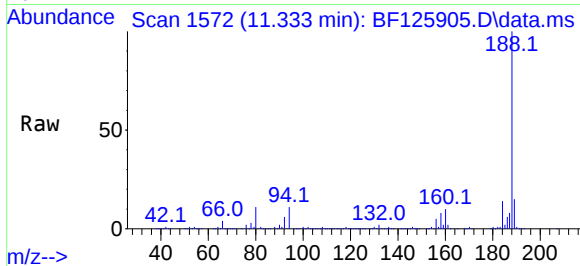
Instrument :
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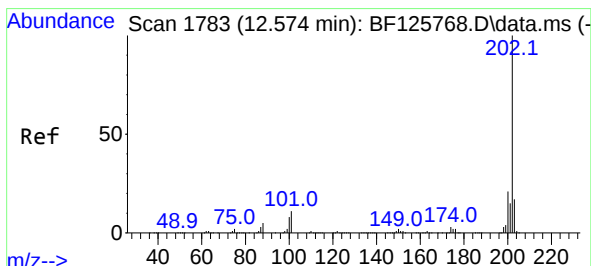
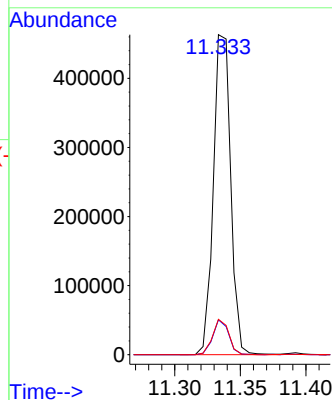
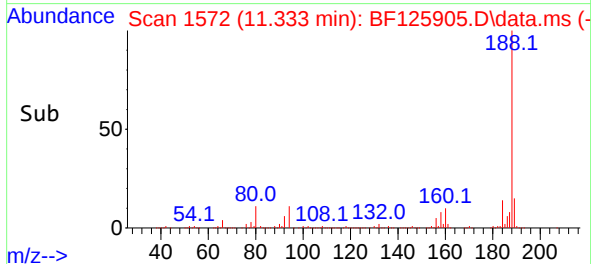
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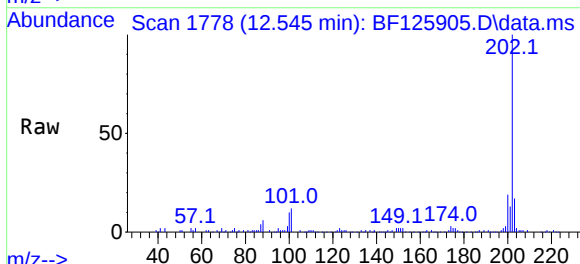
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55



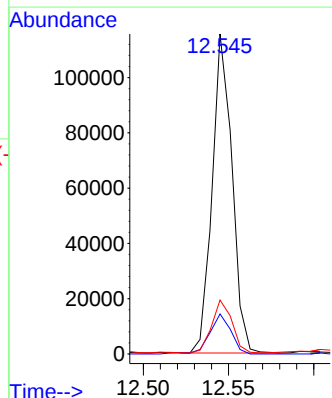
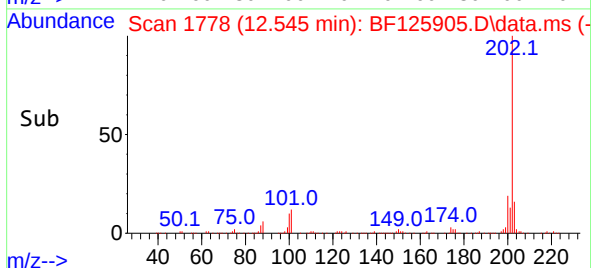
Tgt Ion:188 Resp: 425776
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 11.1 7.5 11.3



#75
Fluoranthene
Concen: 4.54 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55



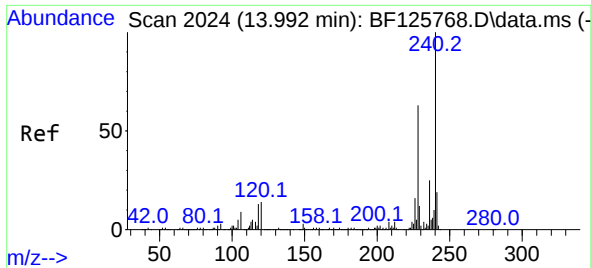
Tgt Ion:202 Resp: 93326
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
203 16.8 0.0 36.3



Instrument :
BNA_F
ClientSampleId :
WC-2-DS

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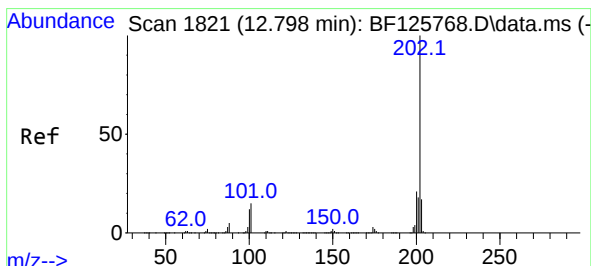
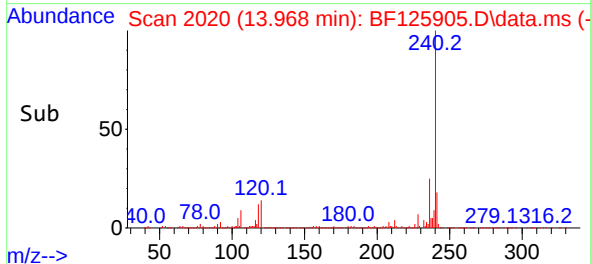
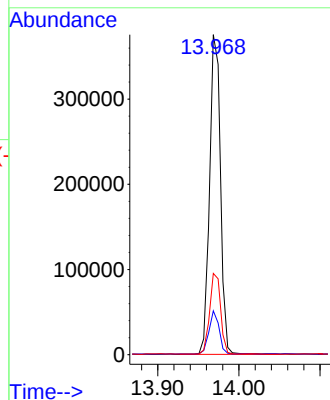
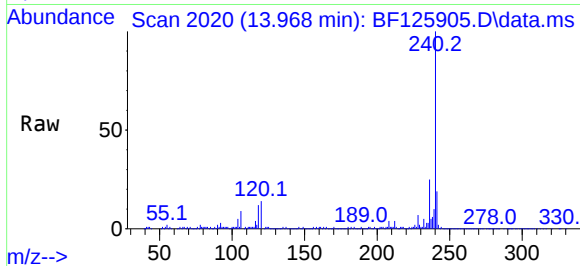
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:	240	Resp:	347687
Ion Ratio	Lower	Upper	
240	100		
120	13.7	10.8	16.2
236	25.4	21.6	32.4

Instrument :
BNA_F
ClientSampleId :
WC-2-DS

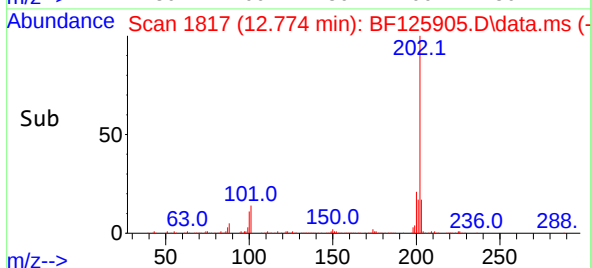
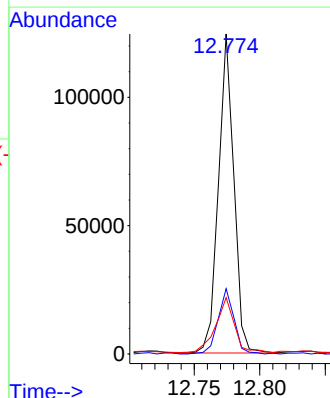
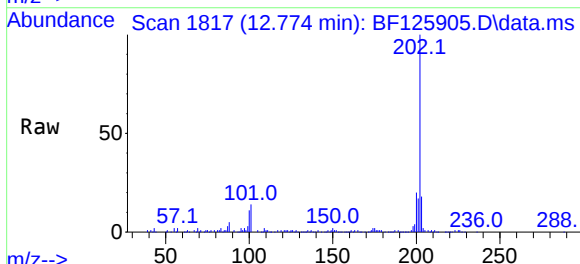
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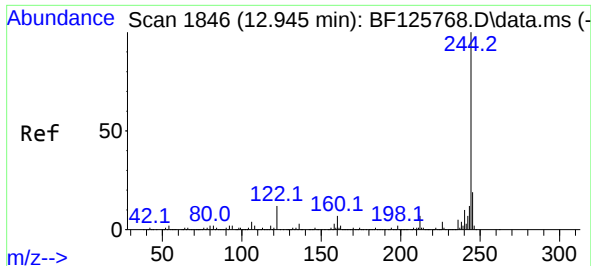
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#78
Pyrene
Concen: 2.87 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:	202	Resp:	101545
Ion Ratio	Lower	Upper	
202	100		
200	20.4	15.3	22.9
203	17.6	13.4	20.0





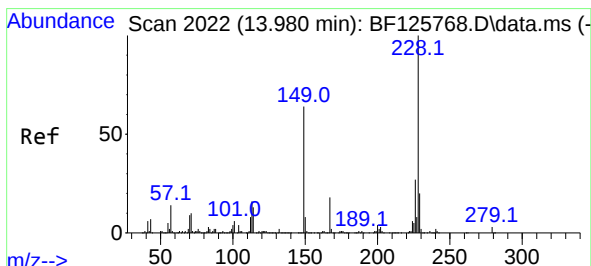
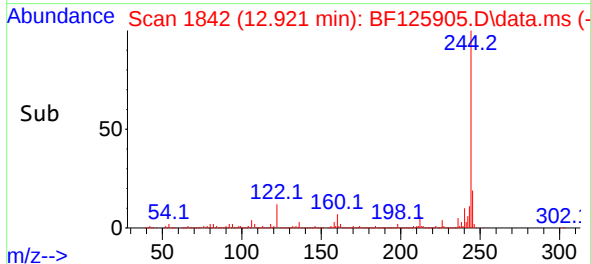
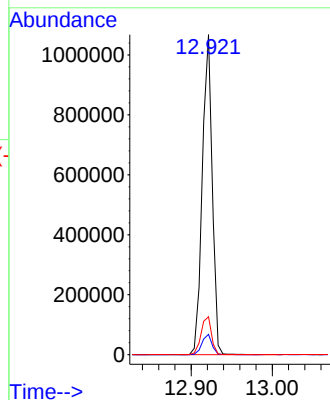
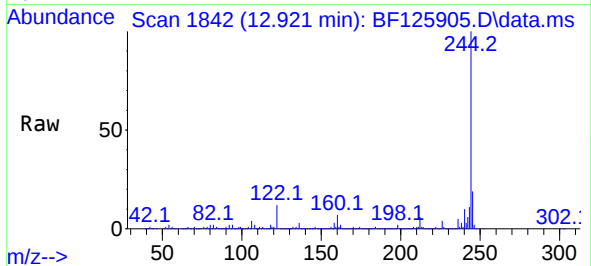
#79
Terphenyl-d14
Concen: 39.89 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:244 Resp: 910609
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 11.8 9.0 13.4

Instrument :
BNA_F
ClientSampled :
WC-2-DS

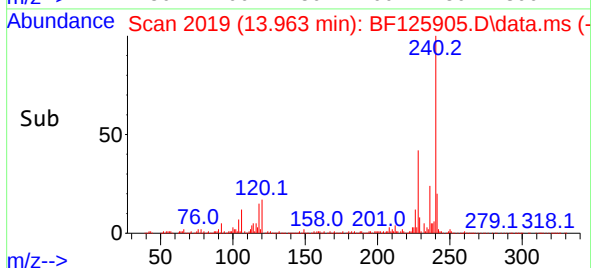
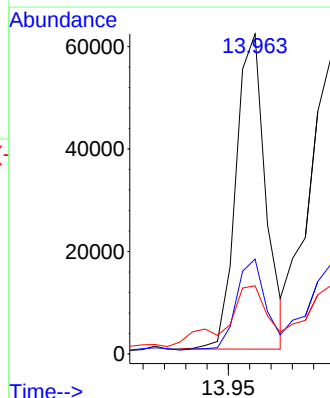
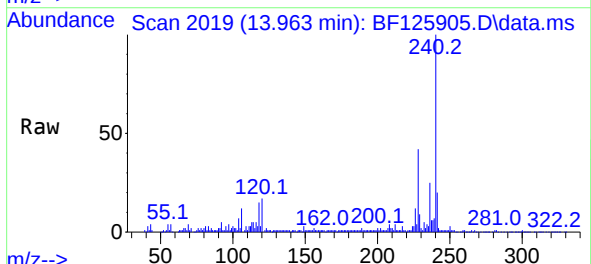
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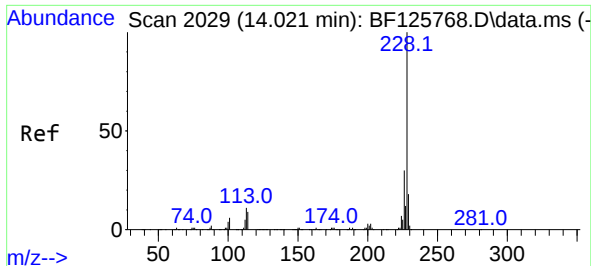
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#81
Benzo(a)anthracene
Concen: 2.64 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:228 Resp: 59499
Ion Ratio Lower Upper
228 100
226 29.7 21.6 32.4
229 21.3 15.6 23.4





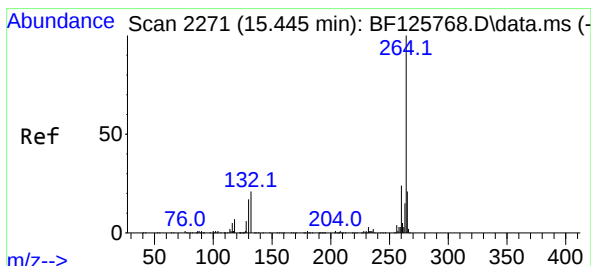
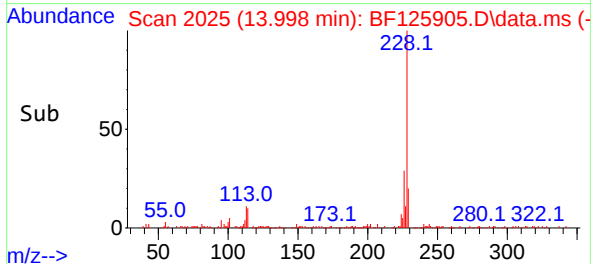
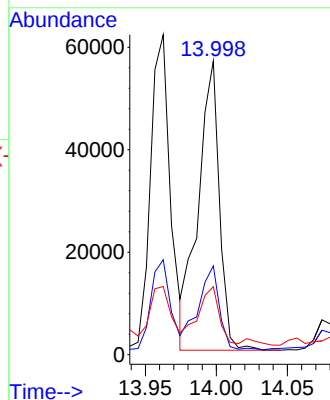
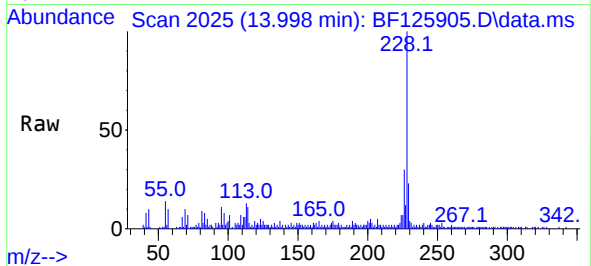
#83
Chrysene
Concen: 2.63 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:	228	Resp:	58735
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.6	34.0
229	23.1	15.9	23.9

Instrument :
BNA_F
ClientSampled :
WC-2-DS

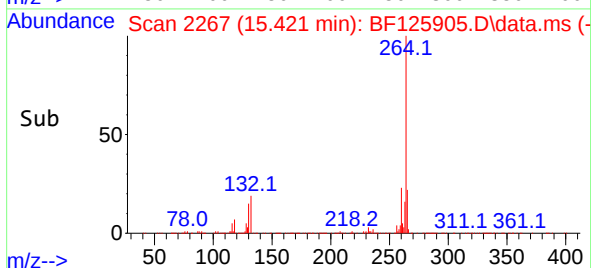
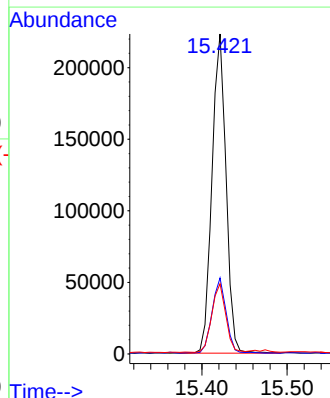
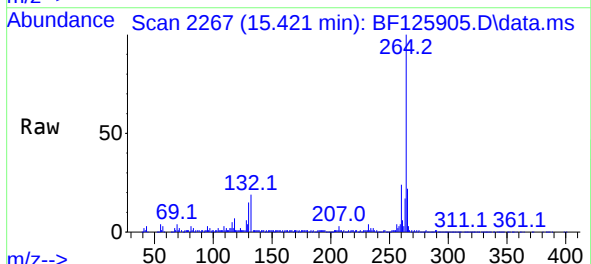
Manual Integrations
APPROVED

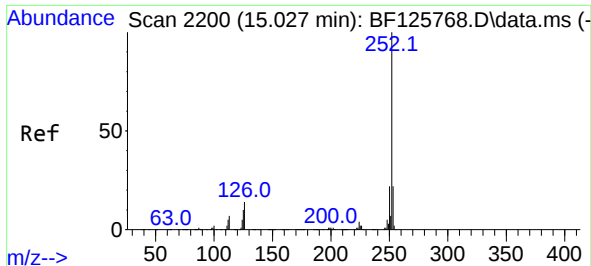
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:	264	Resp:	255855
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.6	29.4
265	21.9	17.2	25.8





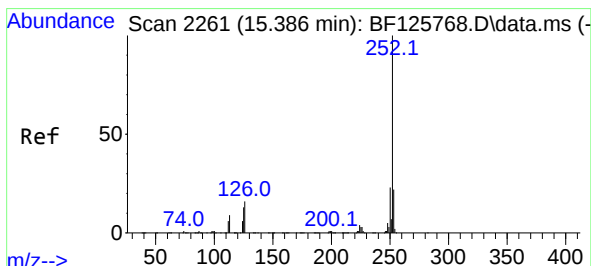
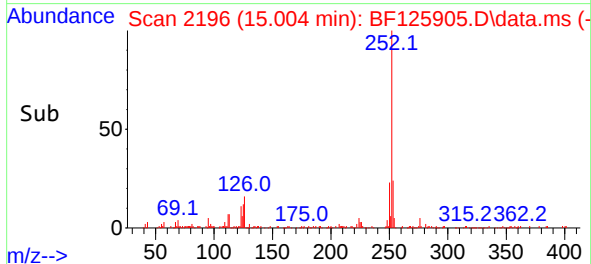
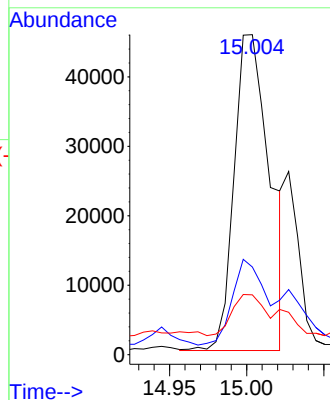
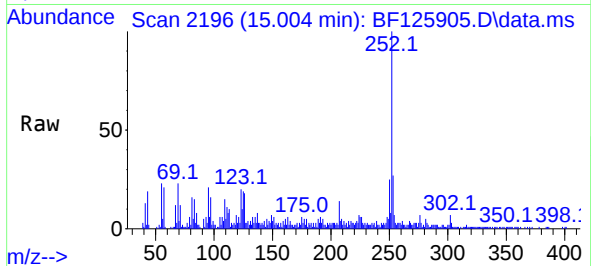
#88
Benzo(b)fluoranthene
Concen: 5.06 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:252 Resp: 73105
Ion Ratio Lower Upper
252 100
253 27.4 16.8 25.2#
125 18.7 9.8 14.8#

Instrument :
BNA_F
ClientSampled :
WC-2-DS

Manual Integrations
APPROVED

mohammad
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#90
Benzo(a)pyrene
Concen: 3.57 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:252 Resp: 45674
Ion Ratio Lower Upper
252 100
253 26.6 18.4 27.6
125 19.3 9.9 14.9#

