

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121948.D
 Acq On : 13 Oct 2020 20:21
 Operator : JU/CG
 Sample : L4372-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-HADLEY

Manual Integrations
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Quant Time: Oct 14 02:07:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	93840	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	330074	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	141538	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	252876	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	274938	20.00	ng	-0.01
86) Perylene-d12	15.339	264	262049	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	102073	16.05	ng	0.00
7) Phenol-d6	6.387	99	126001	15.39	ng	-0.01
23) Nitrobenzene-d5	7.310	82	80163	12.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	23820	13.60	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	146721	15.25	ng	-0.01
79) Terphenyl-d14	12.839	244	145456	10.08	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	12.474	202	48713	3.28	ng	97
78) Pyrene	12.704	202	44657	2.13	ng	97
88) Benzo(b)fluoranthene	14.927	252	45607m	2.57	ng	

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

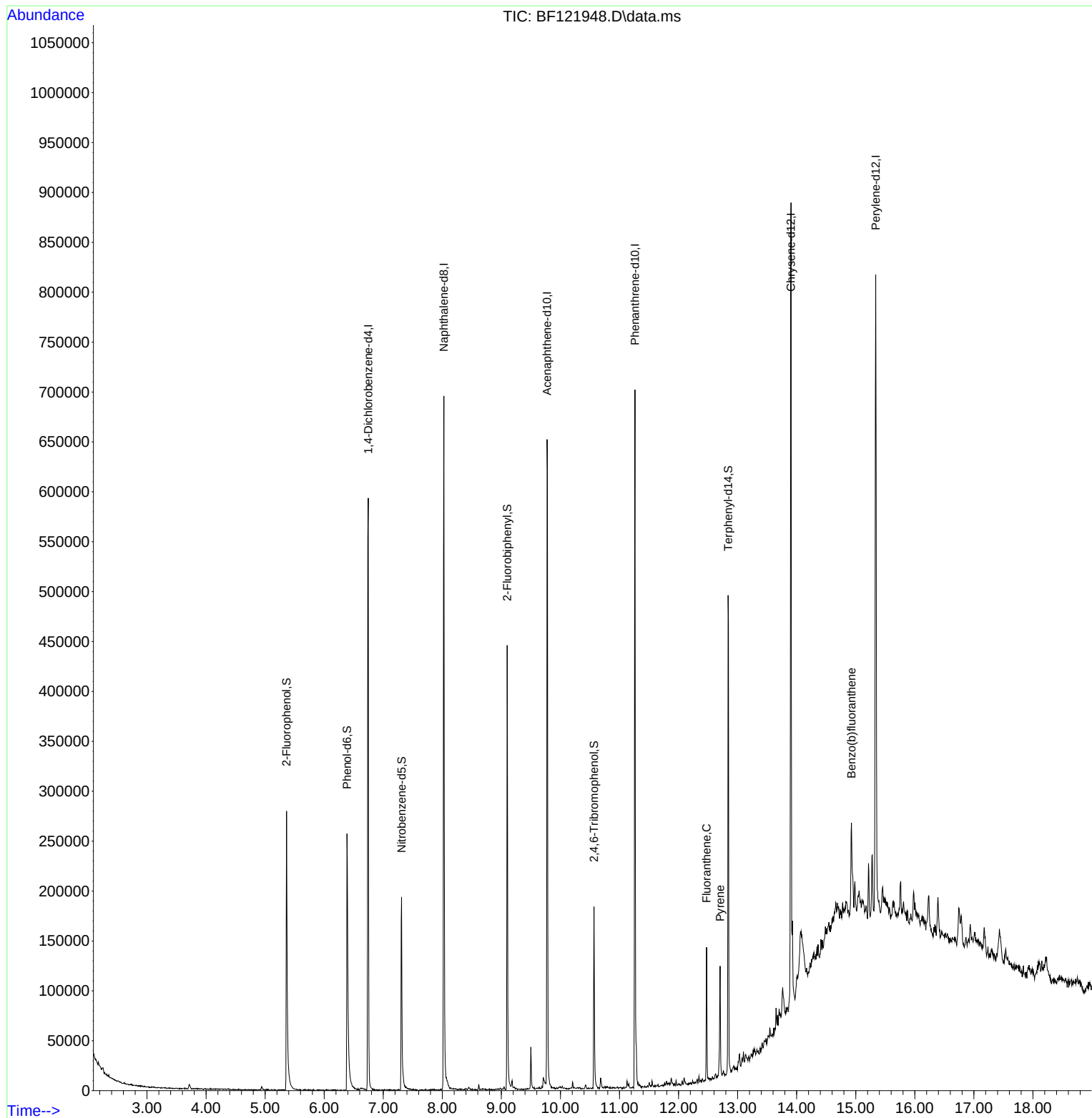
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121948.D
Acq On : 13 Oct 2020 20:21
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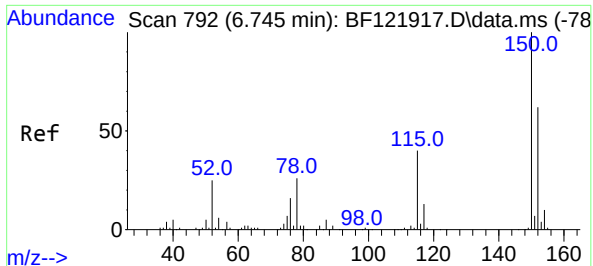
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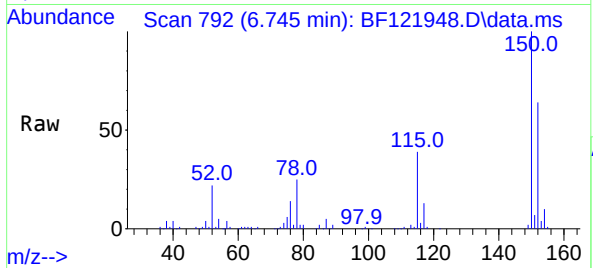
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Quant Time: Oct 14 02:07:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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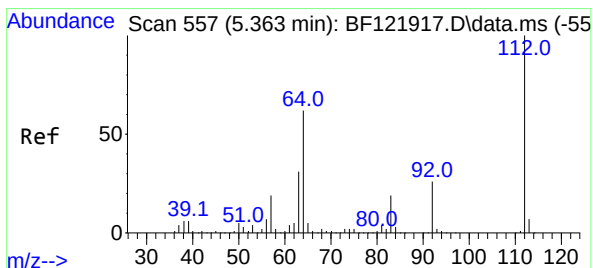
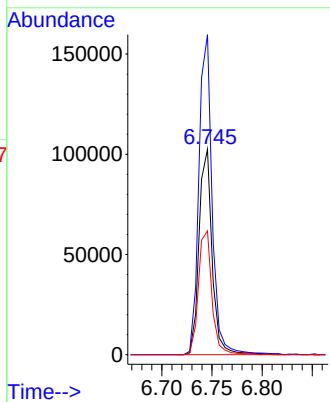
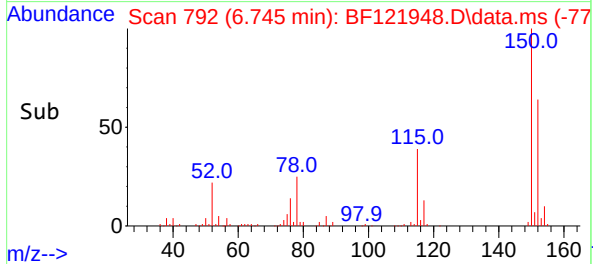




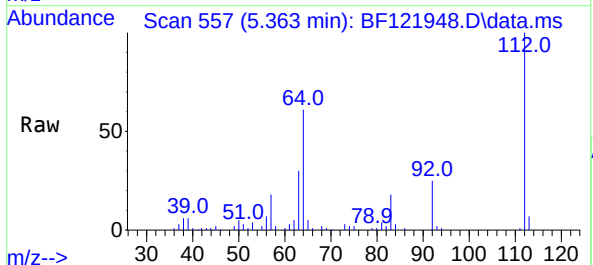
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21



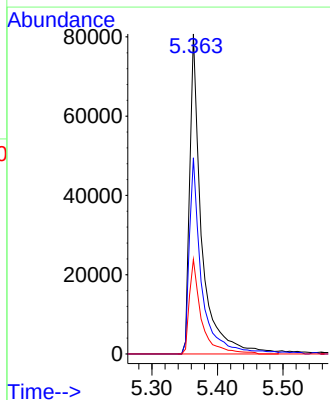
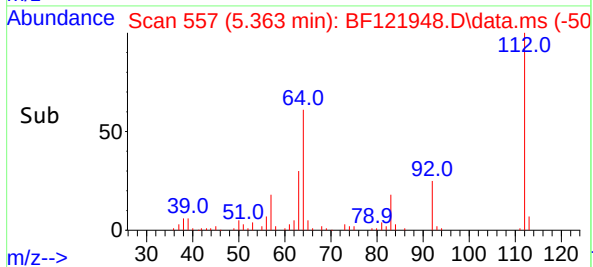
Tgt Ion:152 Resp: 93840
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 60.3 51.9 77.9



#5
2-Fluorophenol
Concen: 16.05 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21



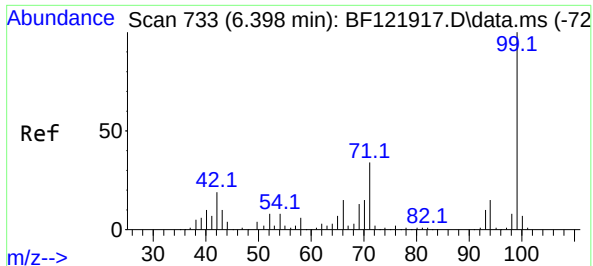
Tgt Ion:112 Resp: 102073
Ion Ratio Lower Upper
112 100
64 61.3 50.4 75.6
63 29.5 25.8 38.6



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#7
Phenol-d6
Concen: 15.39 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

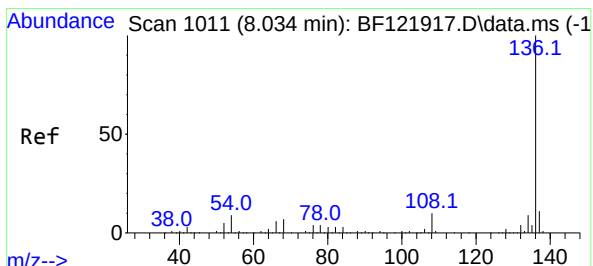
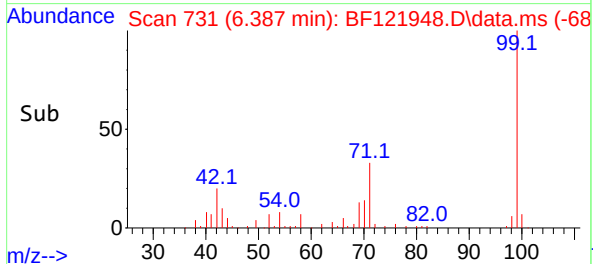
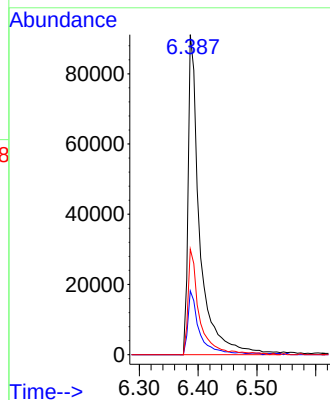
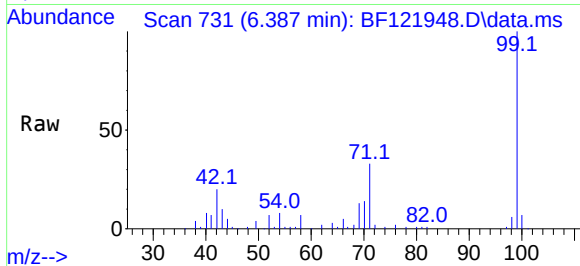
Tgt Ion: 99 Resp: 126001

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	33.0	27.1	40.7

Instrument :
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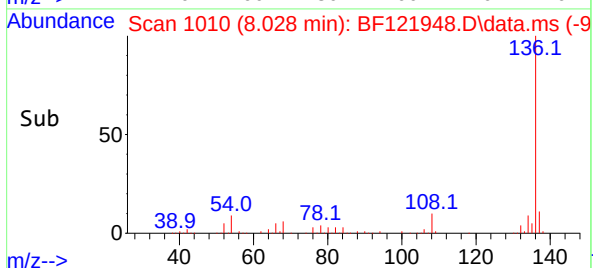
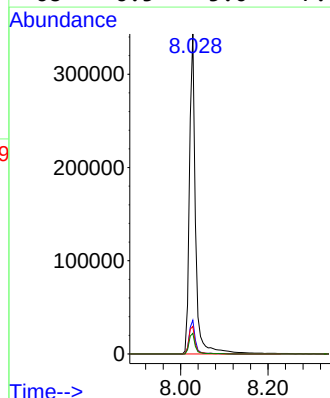
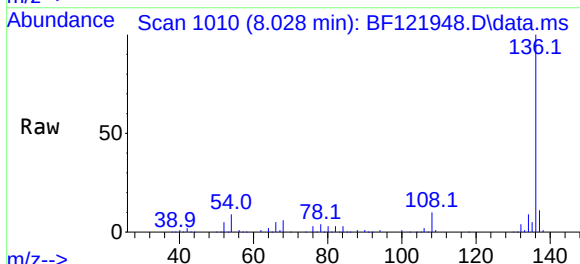
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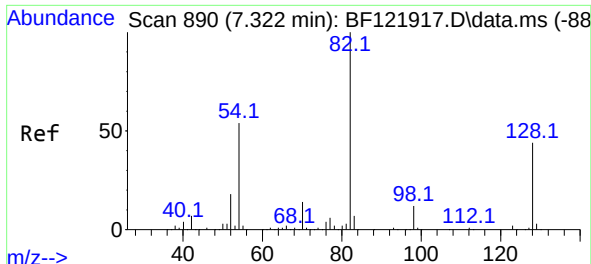


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

Tgt Ion: 136 Resp: 330074

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.6	7.1	10.7
68	6.5	5.0	7.4





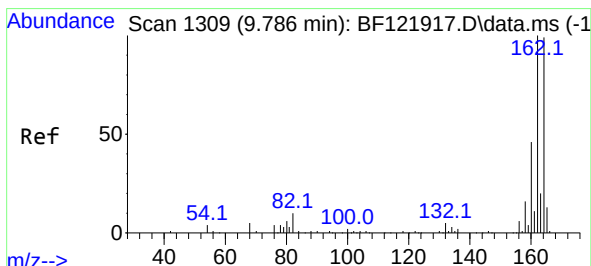
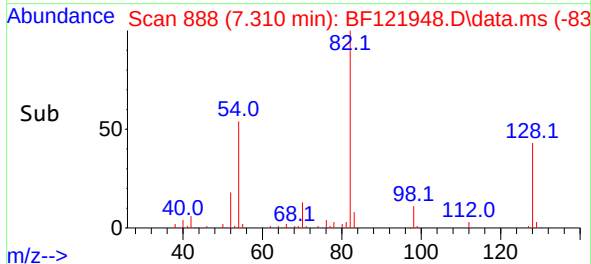
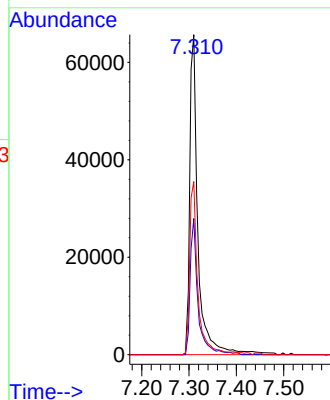
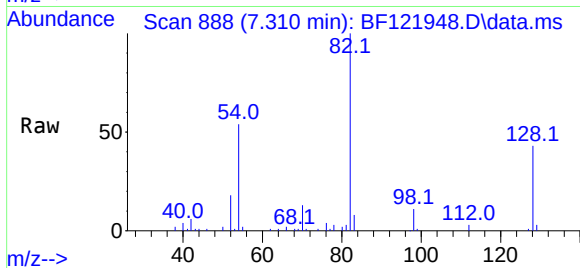
#23
Nitrobenzene-d5
Concen: 12.46 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

Tgt Ion: 82 Resp: 80163
Ion Ratio Lower Upper
82 100
128 42.6 35.0 52.4
54 54.1 43.9 65.9

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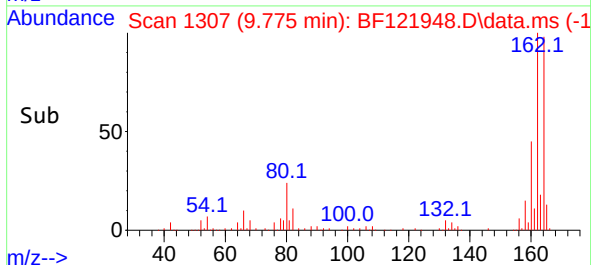
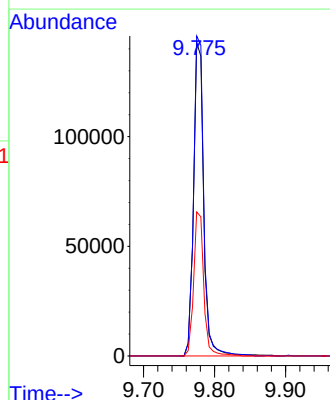
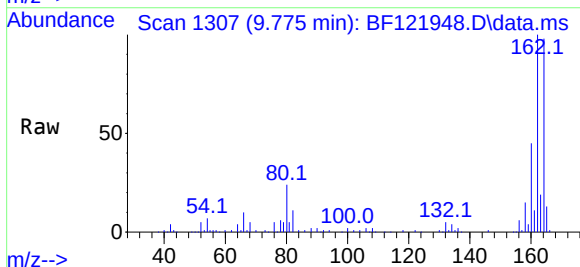
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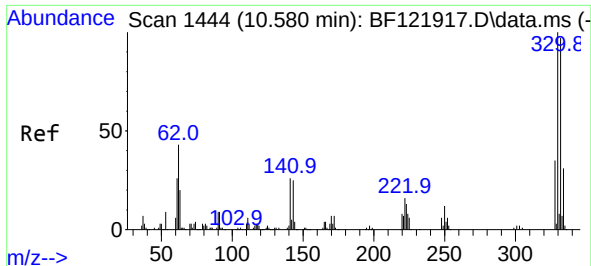
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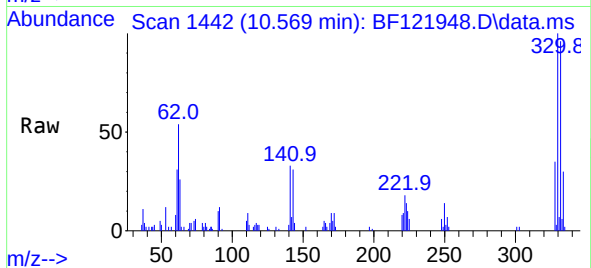
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

Tgt Ion:164 Resp: 141538
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 45.9 37.5 56.3

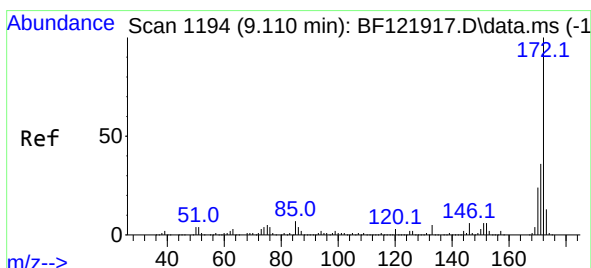
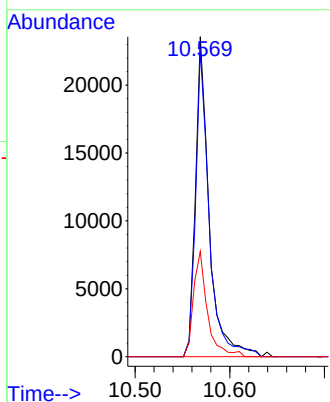
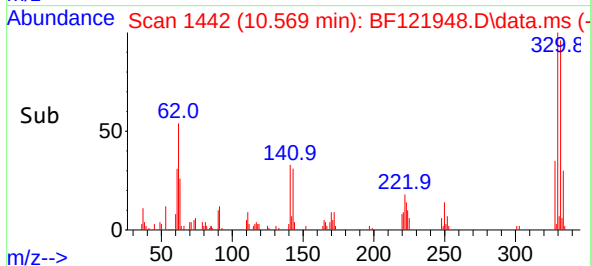




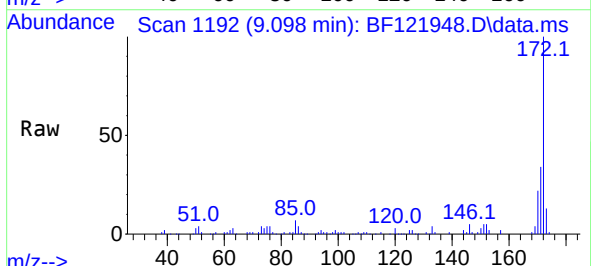
#42
2,4,6-Tribromophenol
Concen: 13.60 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21



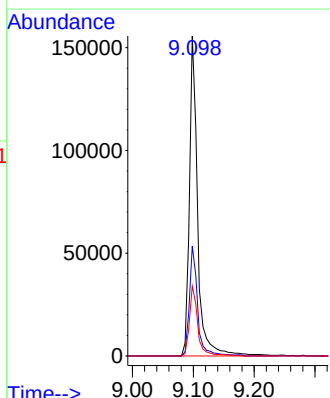
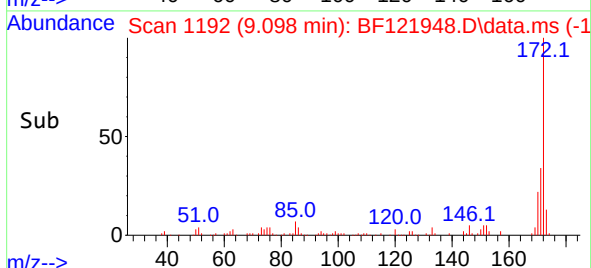
Tgt Ion: 330 Resp: 23820
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 33.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 15.25 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21



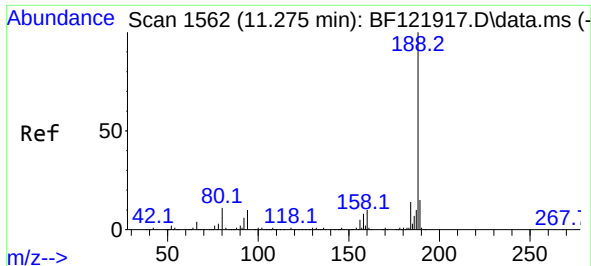
Tgt Ion: 172 Resp: 146721
Ion Ratio Lower Upper
172 100
171 34.4 29.1 43.7
170 21.8 19.8 29.6



Instrument :
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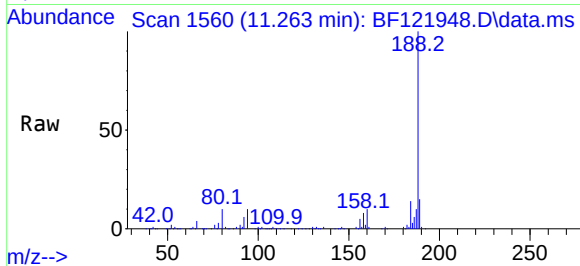
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

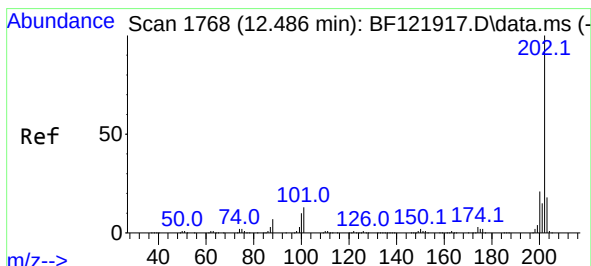
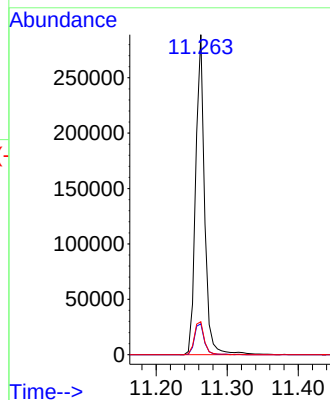
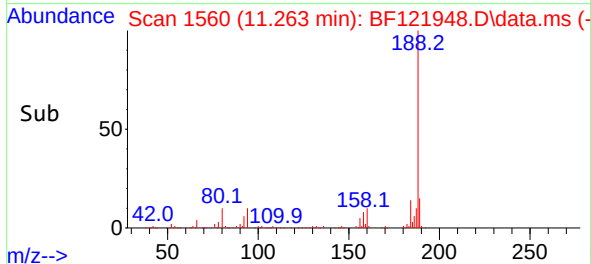
Instrument :
BNA_F
ClientSampleId :
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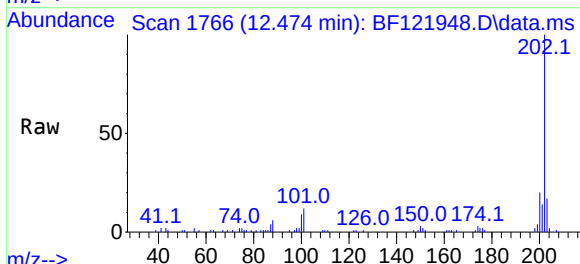
Tgt Ion:188 Resp: 252876
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.3 9.1 13.7

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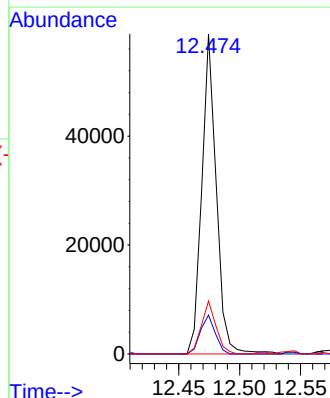
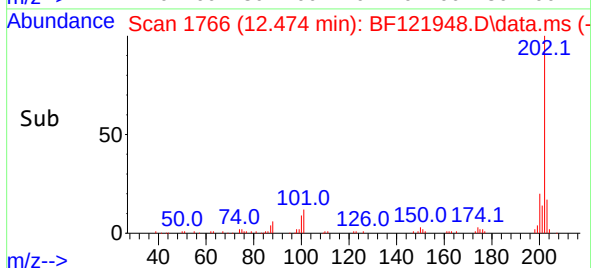
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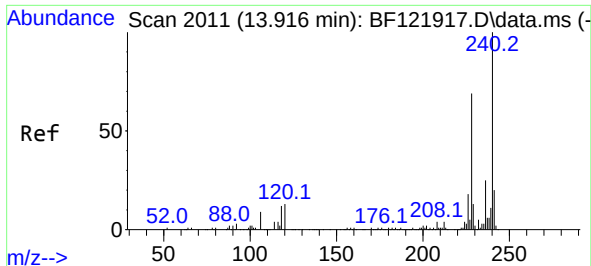


#75
Fluoranthene
Concen: 3.28 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21



Tgt Ion:202 Resp: 48713
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.4
203 16.6 0.0 37.9





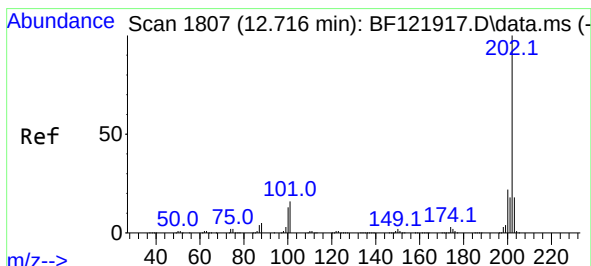
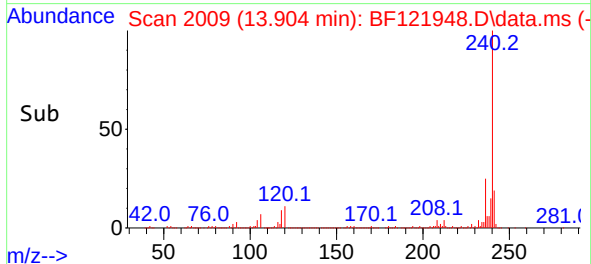
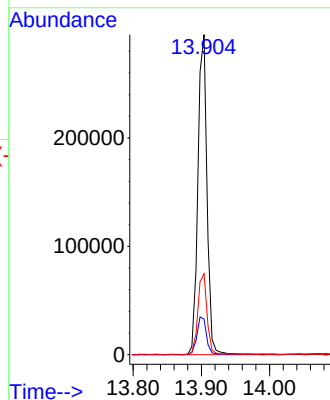
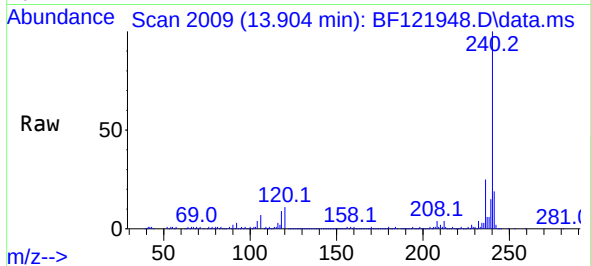
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

Tgt Ion:240 Resp: 274938
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.3 20.9 31.3

Instrument :
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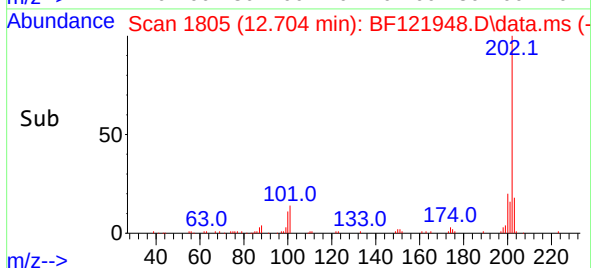
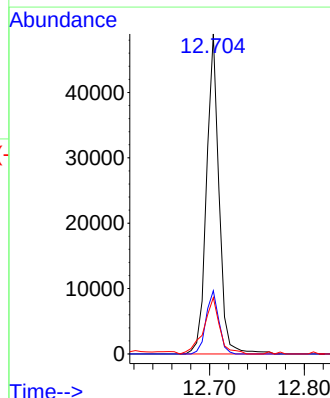
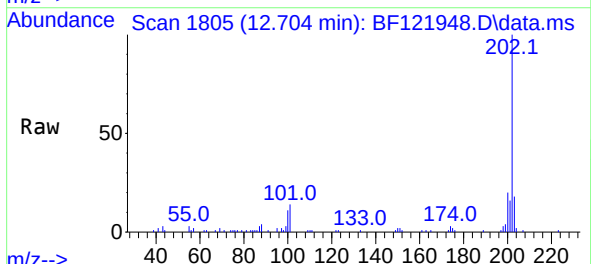
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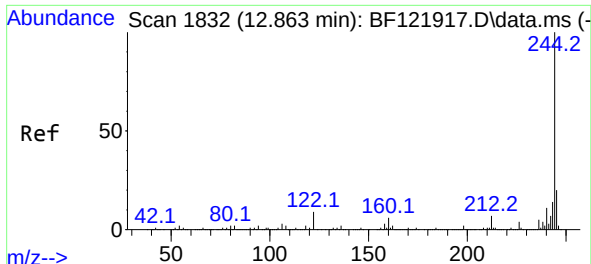
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#78
Pyrene
Concen: 2.13 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

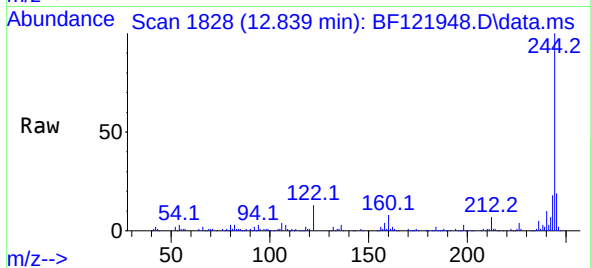
Tgt Ion:202 Resp: 44657
Ion Ratio Lower Upper
202 100
200 19.8 17.4 26.2
203 17.6 14.6 21.8





#79
Terphenyl-d14
Concen: 10.08 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.023 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

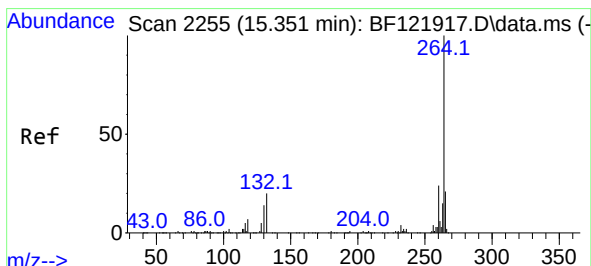
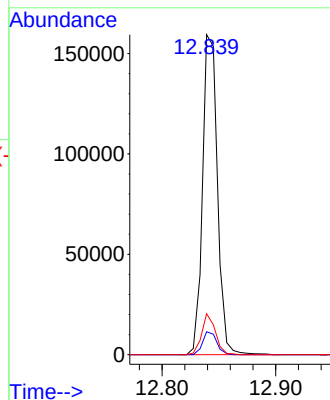
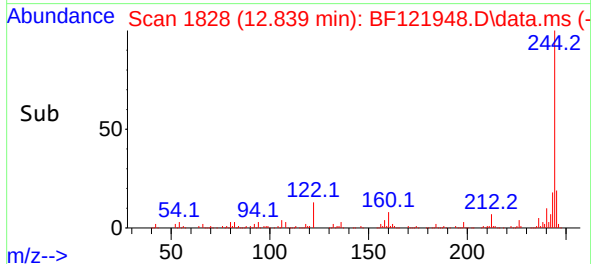
Instrument :
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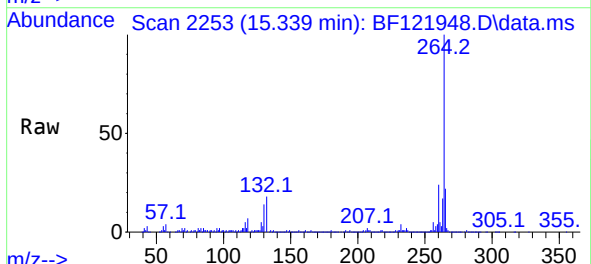
Tgt Ion:244 Resp: 145456
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 12.8 8.1 12.1#

Manual Integrations
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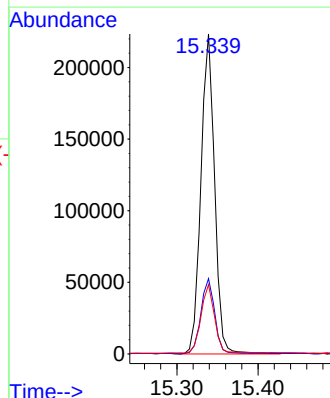
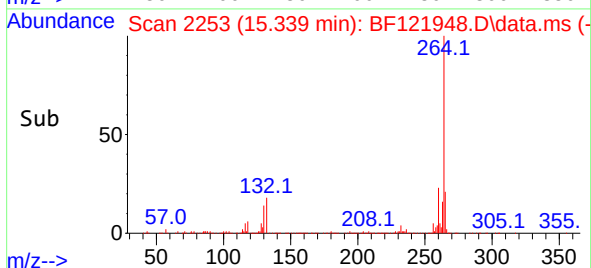
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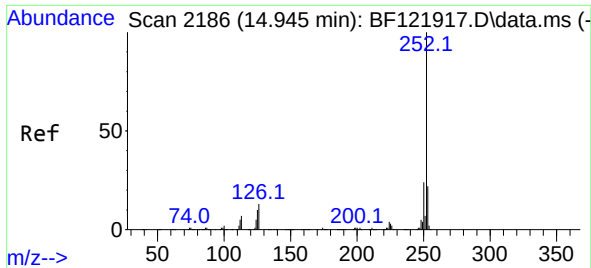


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21

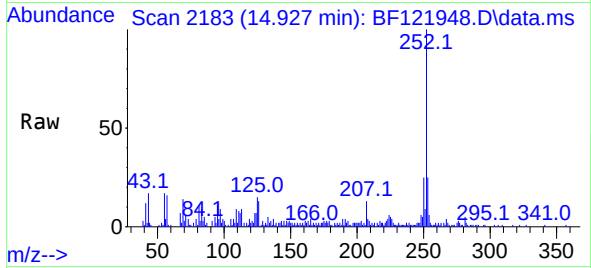


Tgt Ion:264 Resp: 262049
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.3 25.9

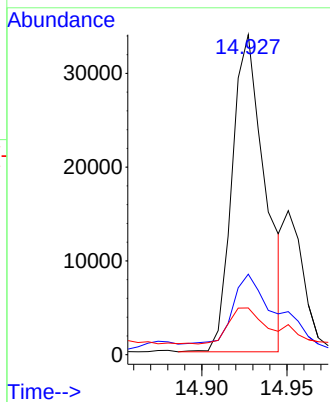
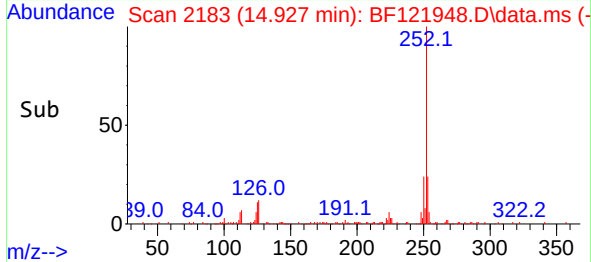




#88
Benzo(b)fluoranthene
Concen: 2.57 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121948.D
Acq: 13 Oct 2020 20:21



Tgt Ion:252 Resp: 45607
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.2
125 14.6 8.0 12.0#



Instrument :
BNA_F
ClientSampleId :
WC-HADLEY

Manual Integrations
APPROVED

mohammad
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