

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122157.D
 Acq On : 28 Oct 2020 20:05
 Operator : JU/CG
 Sample : L4528-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27339

Manual Integrations
 APPROVED

mohammad
 10/29/2020 10:45:00 AM

Quant Time: Oct 29 00:32:26 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 26 17:27:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	100643	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	389157	20.00	ng	0.00
39) Acenaphthene-d10	9.751	164	152666	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	192233	20.00	ng	# 0.03
76) Chrysene-d12	13.880	240	206034	20.00	ng	0.00
86) Perylene-d12	15.310	264	233236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	103736	15.21	ng	0.02
7) Phenol-d6	6.381	99	137322	15.64	ng	0.01
23) Nitrobenzene-d5	7.287	82	81653	10.76	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	18923	10.02	ng	0.02
45) 2-Fluorobiphenyl	9.069	172	156586	15.09	ng	0.00
79) Terphenyl-d14	12.833	244	102960	9.52	ng	0.02
Target Compounds						Qvalue
75) Fluoranthene	12.480	202	33150	2.93	ng	76
78) Pyrene	12.704	202	35230	2.24	ng	# 86
84) Bis(2-ethylhexyl)phtha...	13.845	149	32490	3.84	ng	98
88) Benzo(b)fluoranthene	14.910	252	39094m	2.48	ng	

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

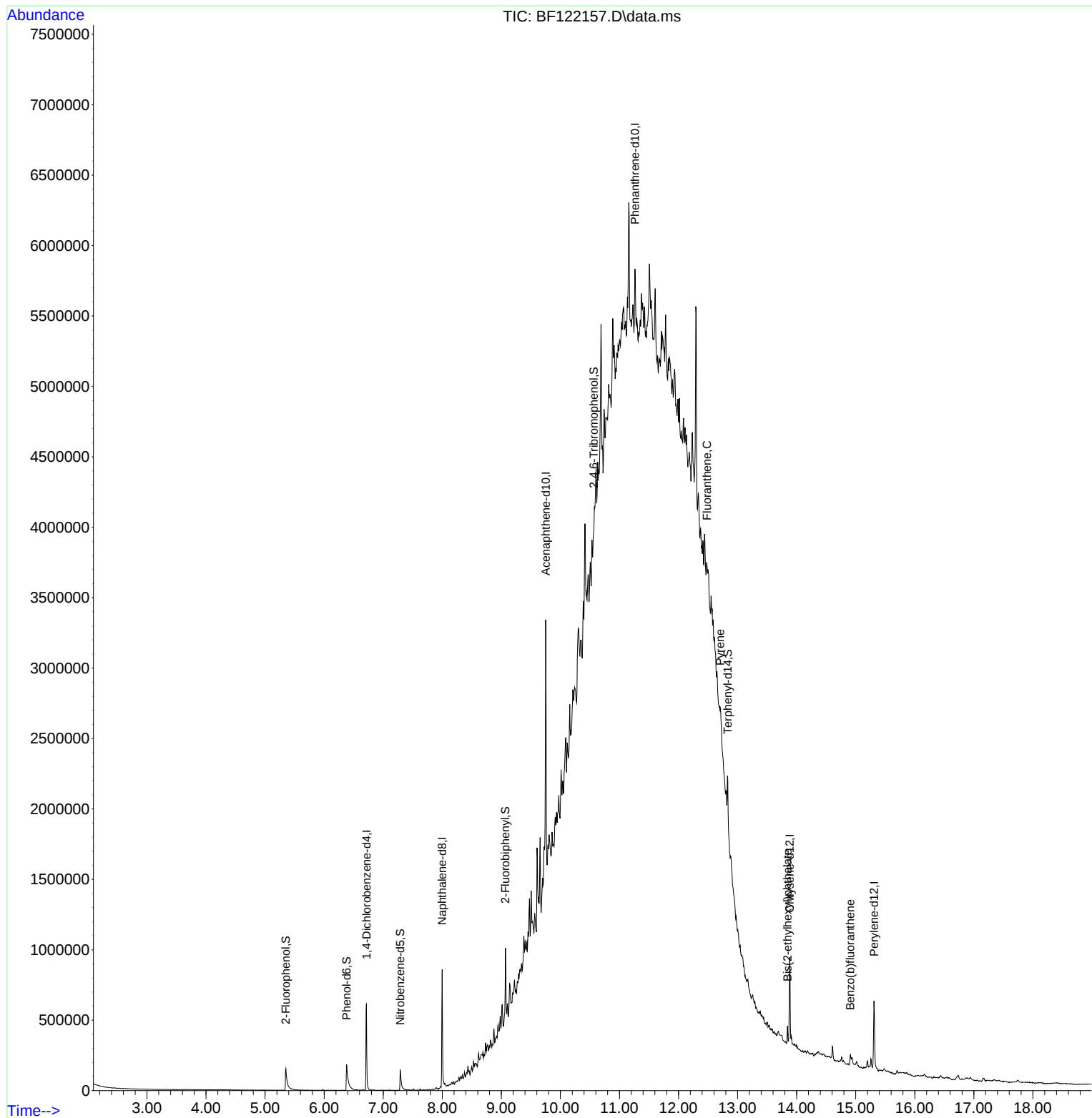
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
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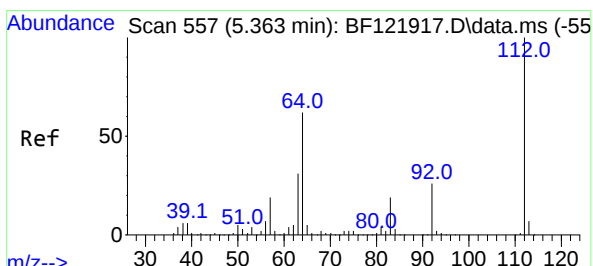
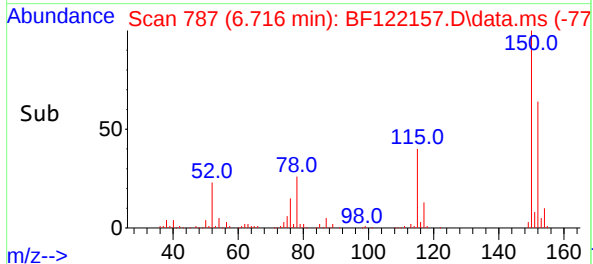
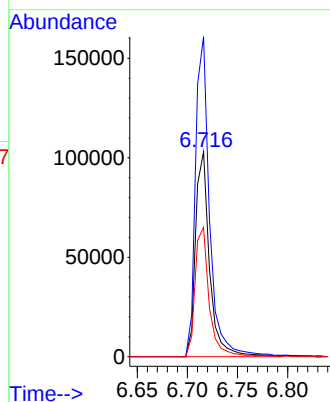
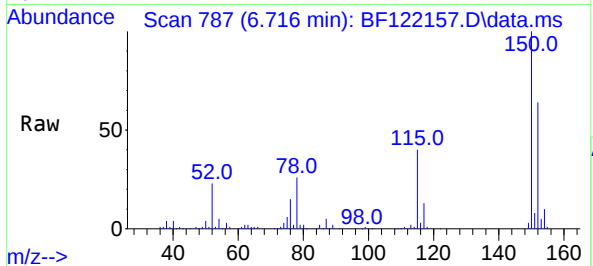
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:152 Resp: 100643
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 63.1 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
CHRT-27339

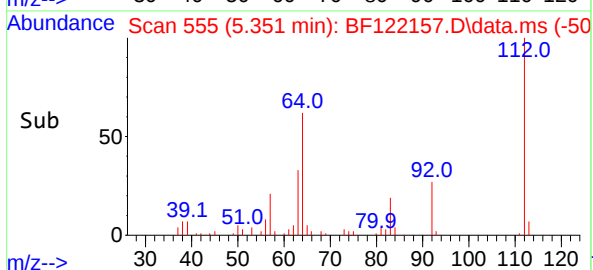
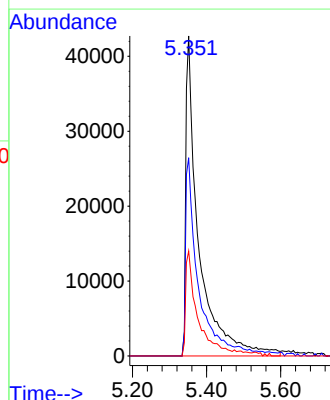
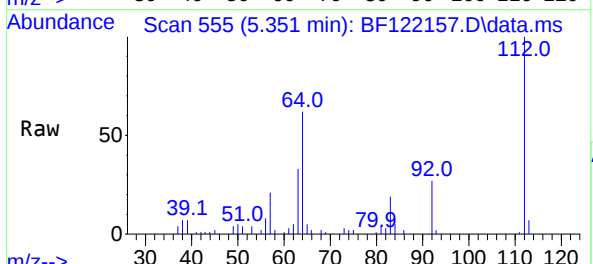
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#5
2-Fluorophenol
Concen: 15.21 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:112 Resp: 103736
Ion Ratio Lower Upper
112 100
64 61.9 50.4 75.6
63 32.8 25.8 38.6





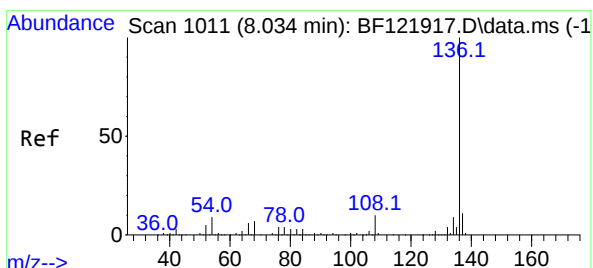
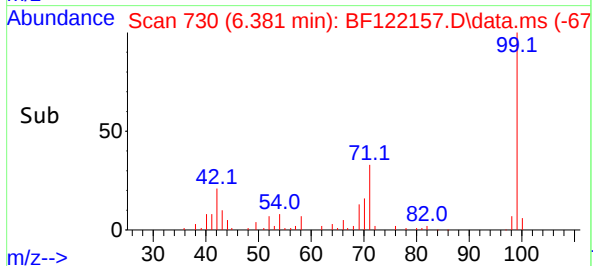
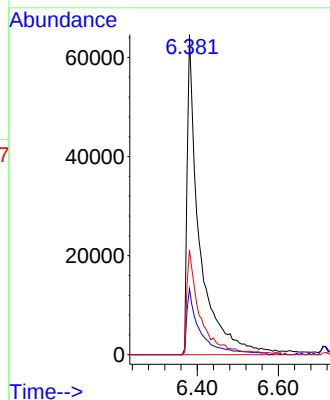
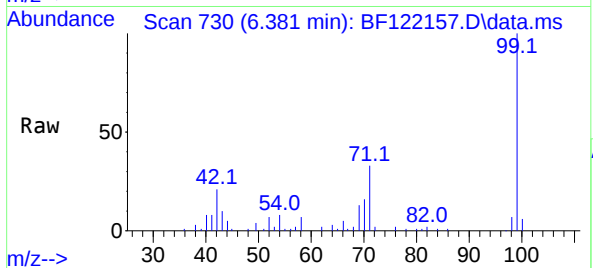
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Phenol-d6
Concen: 15.64 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion: 99 Resp: 137322
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 32.7 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
CHRT-27339

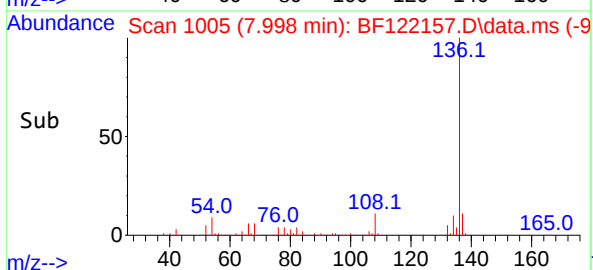
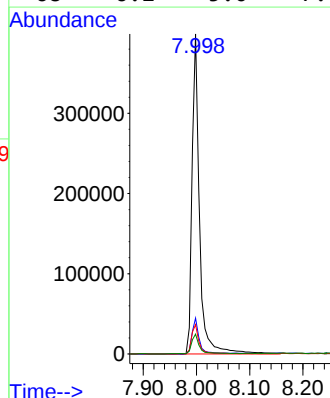
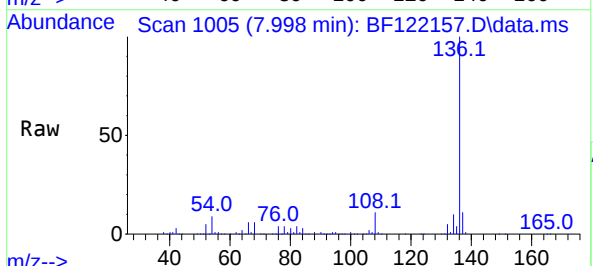
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion: 136 Resp: 389157
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 7.1 10.7
68 6.2 5.0 7.4





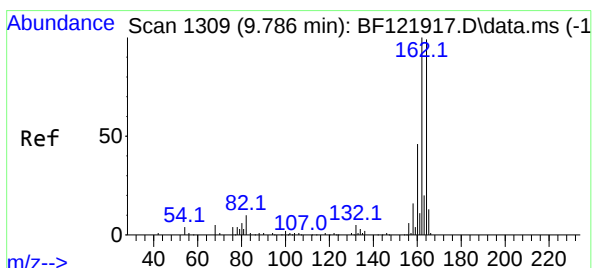
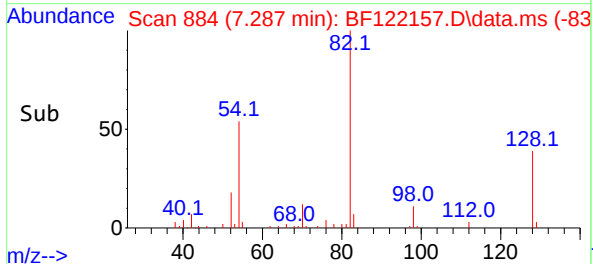
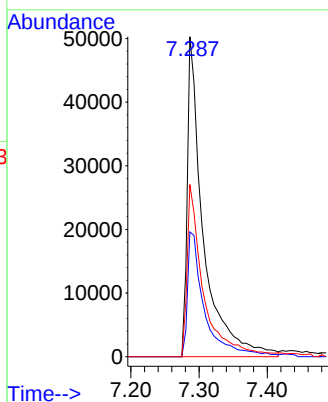
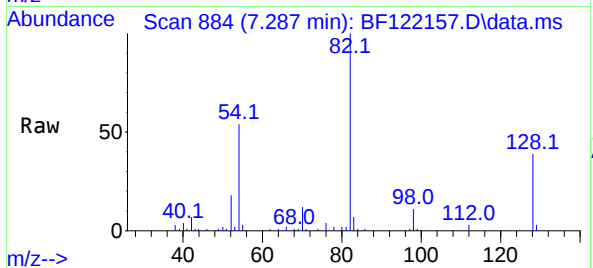
#23
Nitrobenzene-d5
Concen: 10.76 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:	82	Resp:	81653
Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.0	52.4
54	53.8	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
CHRT-27339

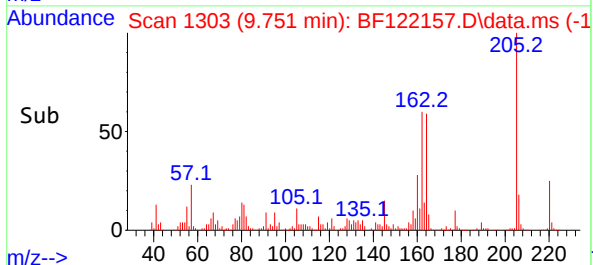
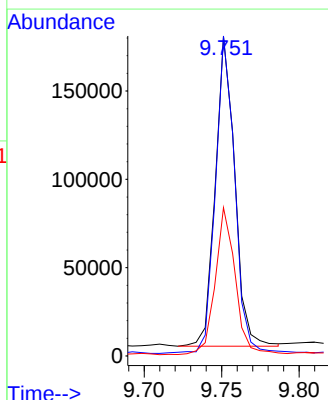
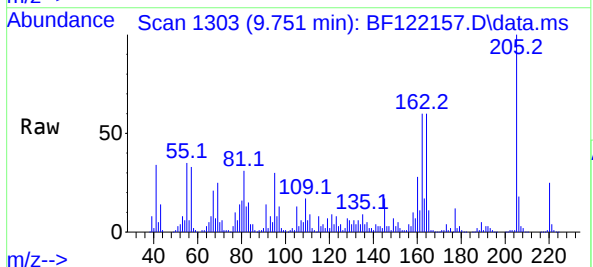
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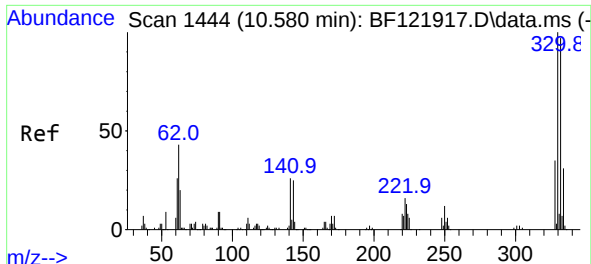
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

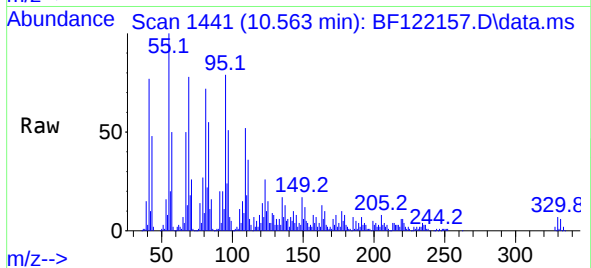
Tgt Ion:	164	Resp:	152666
Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.2	124.8
160	46.4	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 10.02 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.018 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

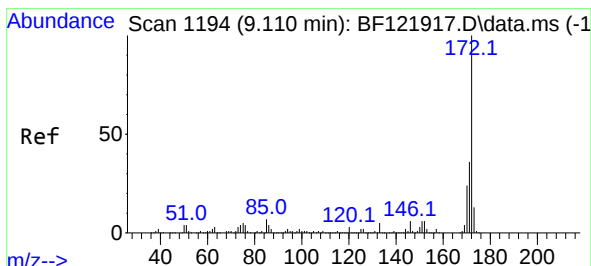
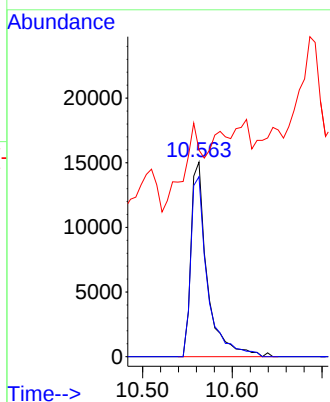
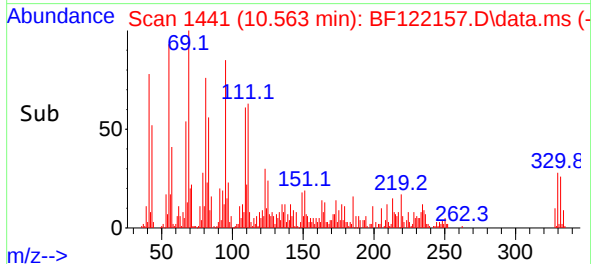
Instrument :
BNA_F
ClientSampleId :
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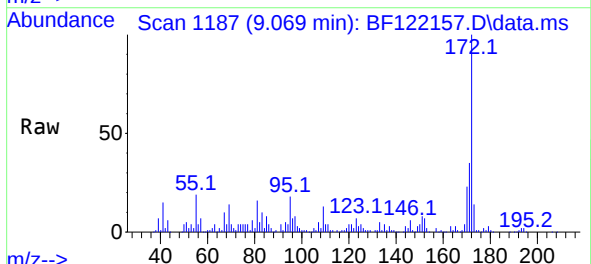
Tgt Ion:330 Resp: 18923
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 52.3 22.3 33.5#

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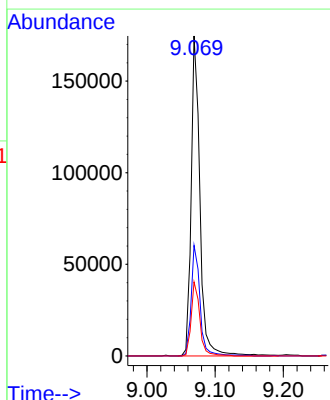
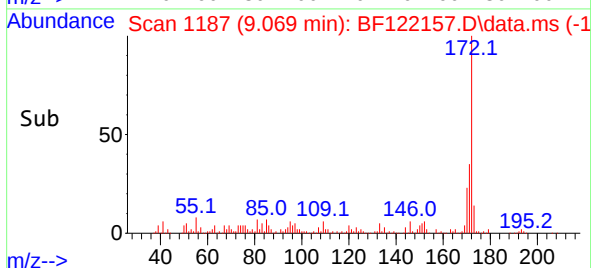
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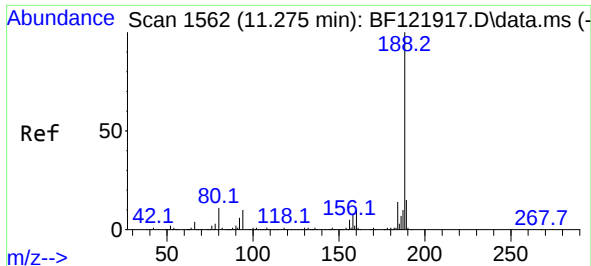


#45
2-Fluorobiphenyl
Concen: 15.09 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05



Tgt Ion:172 Resp: 156586
Ion Ratio Lower Upper
172 100
171 34.5 29.1 43.7
170 23.1 19.8 29.6





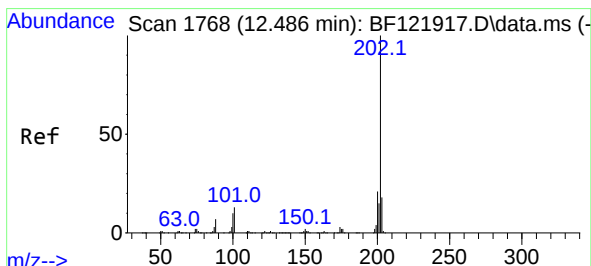
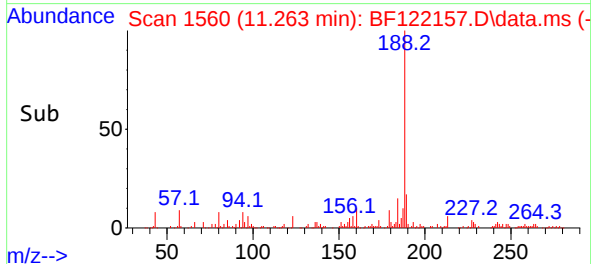
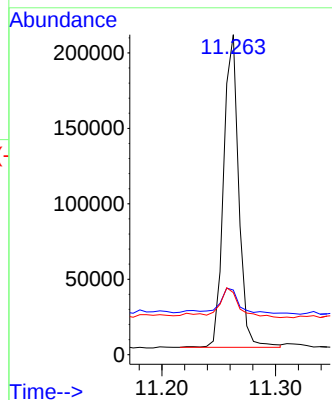
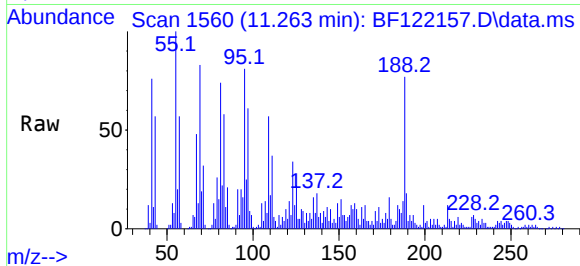
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.029 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:188 Resp: 192233
Ion Ratio Lower Upper
188 100
94 20.2 8.3 12.5#
80 19.4 9.1 13.7#

Instrument :
BNA_F
ClientSampleId :
CHRT-27339

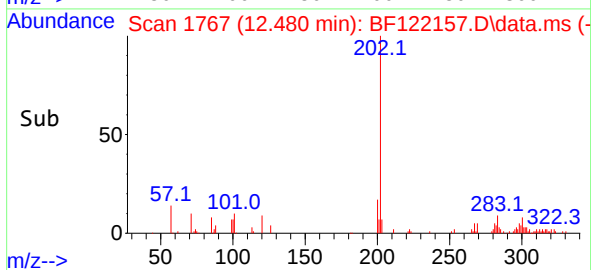
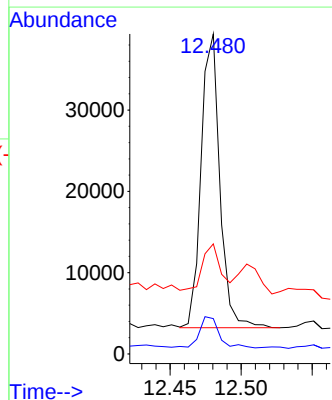
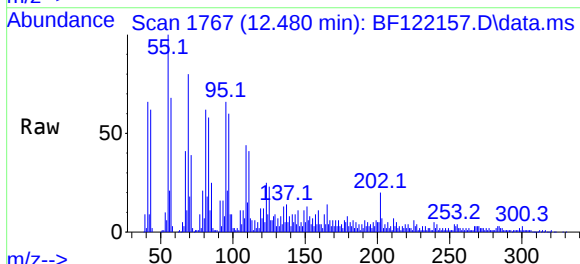
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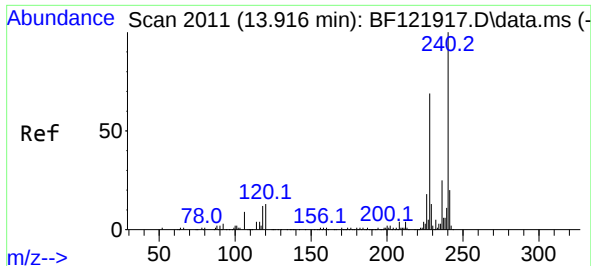
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#75
Fluoranthene
Concen: 2.93 ng
RT: 12.480 min Scan# 1767
Delta R.T. 0.029 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

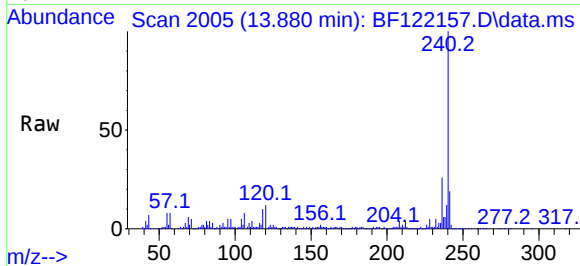
Tgt Ion:202 Resp: 33150
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 34.4 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

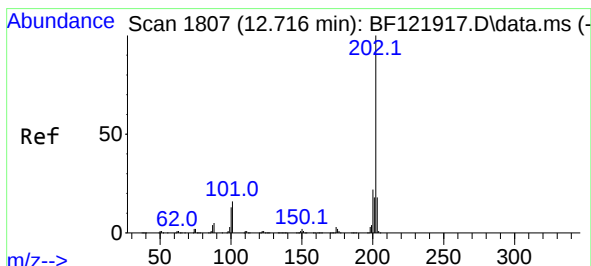
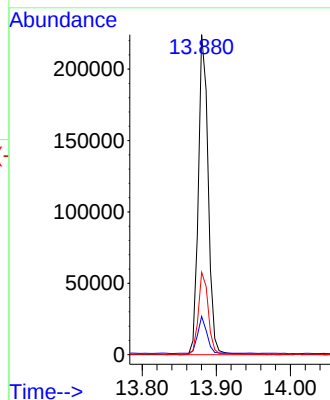
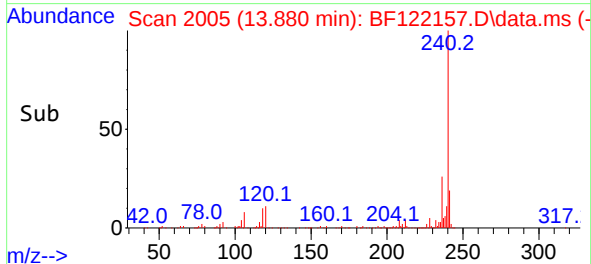
Instrument :
BNA_F
ClientSampleId :
CHRT-27339



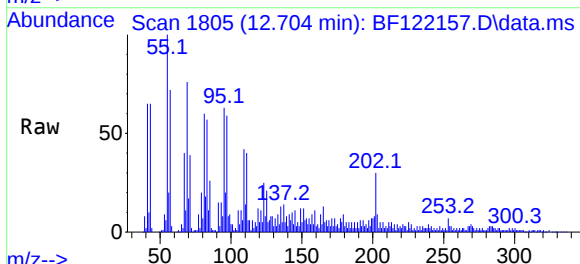
Tgt Ion:240 Resp: 206034
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.8 20.9 31.3

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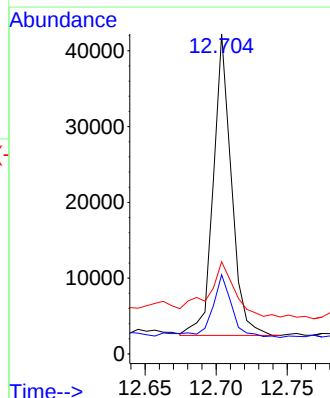
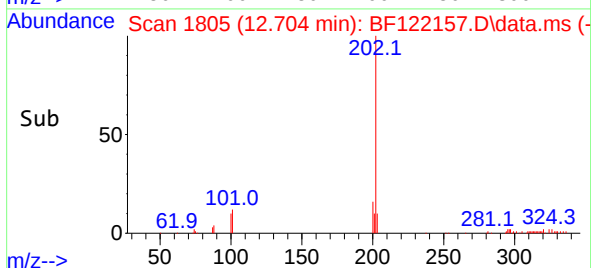
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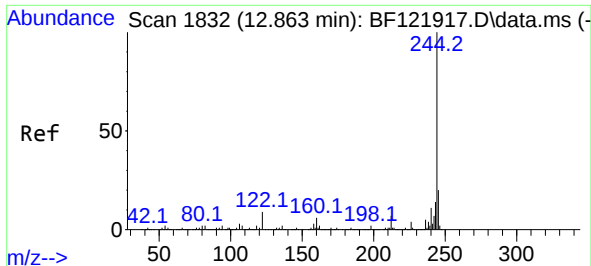


#78
Pyrene
Concen: 2.24 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.024 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05



Tgt Ion:202 Resp: 35230
Ion Ratio Lower Upper
202 100
200 24.8 17.4 26.2
203 28.8 14.6 21.8#





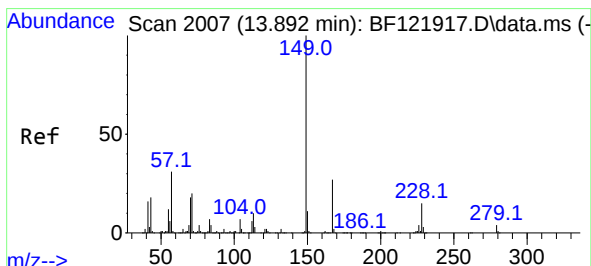
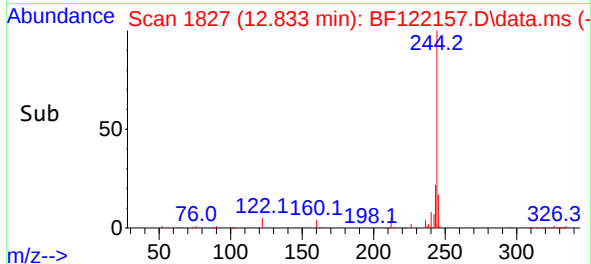
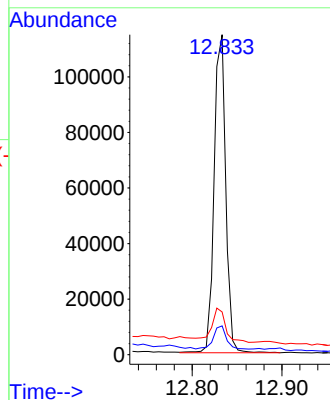
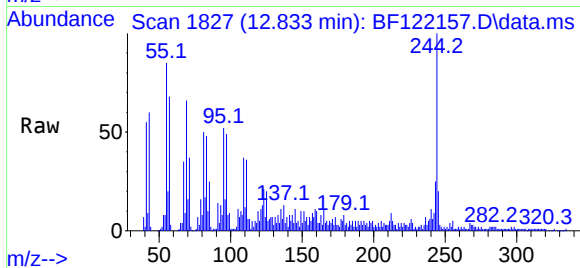
#79
Terphenyl-d14
Concen: 9.52 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.018 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

Tgt Ion:244 Resp: 102960
Ion Ratio Lower Upper
244 100
212 9.0 5.4 8.2#
122 13.3 8.1 12.1#

Instrument :
BNA_F
ClientSampleId :
CHRT-27339

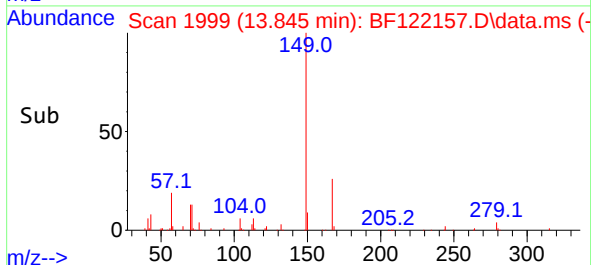
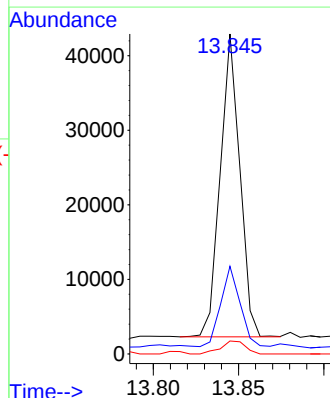
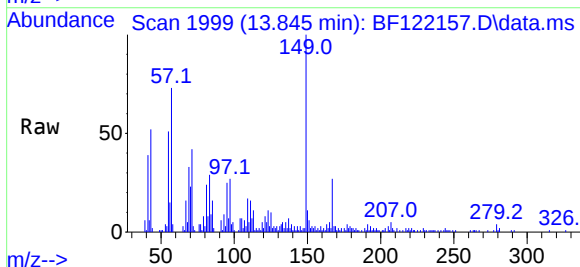
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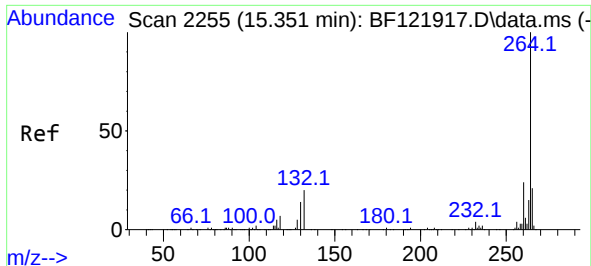
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.84 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

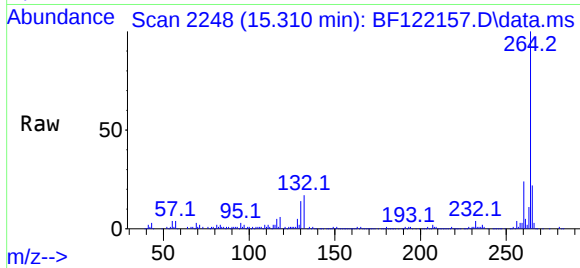
Tgt Ion:149 Resp: 32490
Ion Ratio Lower Upper
149 100
167 27.4 20.9 31.3
279 4.0 3.2 4.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.310 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05

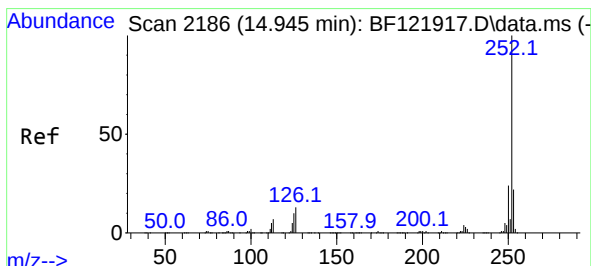
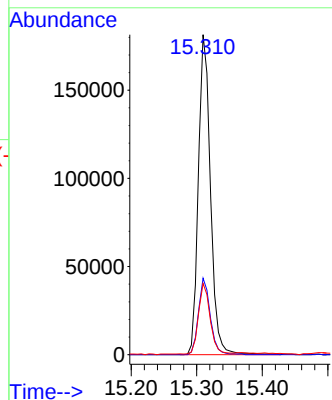
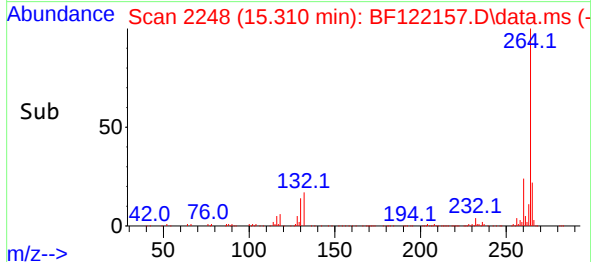
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CHRT-27339



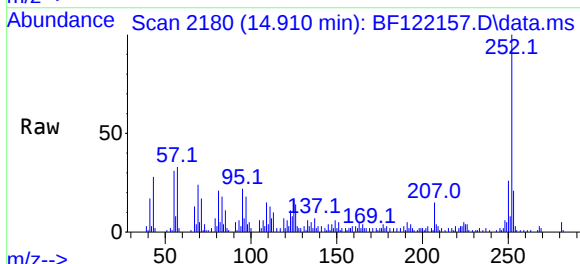
Tgt Ion:264 Resp: 233236
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.3 17.3 25.9

Manual Integrations
APPROVED

mohammad
10/29/2020 10:45:00 AM



#88
Benzo(b)fluoranthene
Concen: 2.48 ng m
RT: 14.910 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122157.D
Acq: 28 Oct 2020 20:05



Tgt Ion:252 Resp: 39094
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 15.7 8.0 12.0#

