

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121340.D
 Acq On : 20 Aug 2020 11:39
 Operator : JU/CG
 Sample : L3712-13 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26982

Manual Integrations
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mohammad
 8/21/2020 12:49:46 PM

Quant Time: Aug 20 12:38:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	159512	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	604470	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	263140	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	358091	20.00	ng	0.01
76) Chrysene-d12	13.84	240	411478	20.00	ng	0.00
86) Perylene-d12	15.25	264	450358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	170072	17.48	ng	0.00
7) Phenol-d6	6.33	99	206324	16.61	ng	-0.01
23) Nitrobenzene-d5	7.25	82	123228	11.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	45568	14.86	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	233010	4.80	ng	0.00
79) Terphenyl-d14	12.80	244	171637	8.15	ng	0.00
Target Compounds						
71) Phenanthrene	11.25	178	67683	3.652	ng	# 76
75) Fluoranthene	12.43	202	136923	6.807	ng	94
78) Pyrene	12.66	202	123541	3.997	ng	# 96
81) Benzo(a)anthracene	13.83	228	76678	3.000	ng	95
83) Chrysene	13.87	228	80175	3.067	ng	96
88) Benzo(b)fluoranthene	14.85	252	112903m	3.881	ng	
90) Benzo(a)pyrene	15.19	252	69377	2.760	ng	# 97
92) Benzo(g,h,i)perylene	17.00	276	51384	2.332	ng	98

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

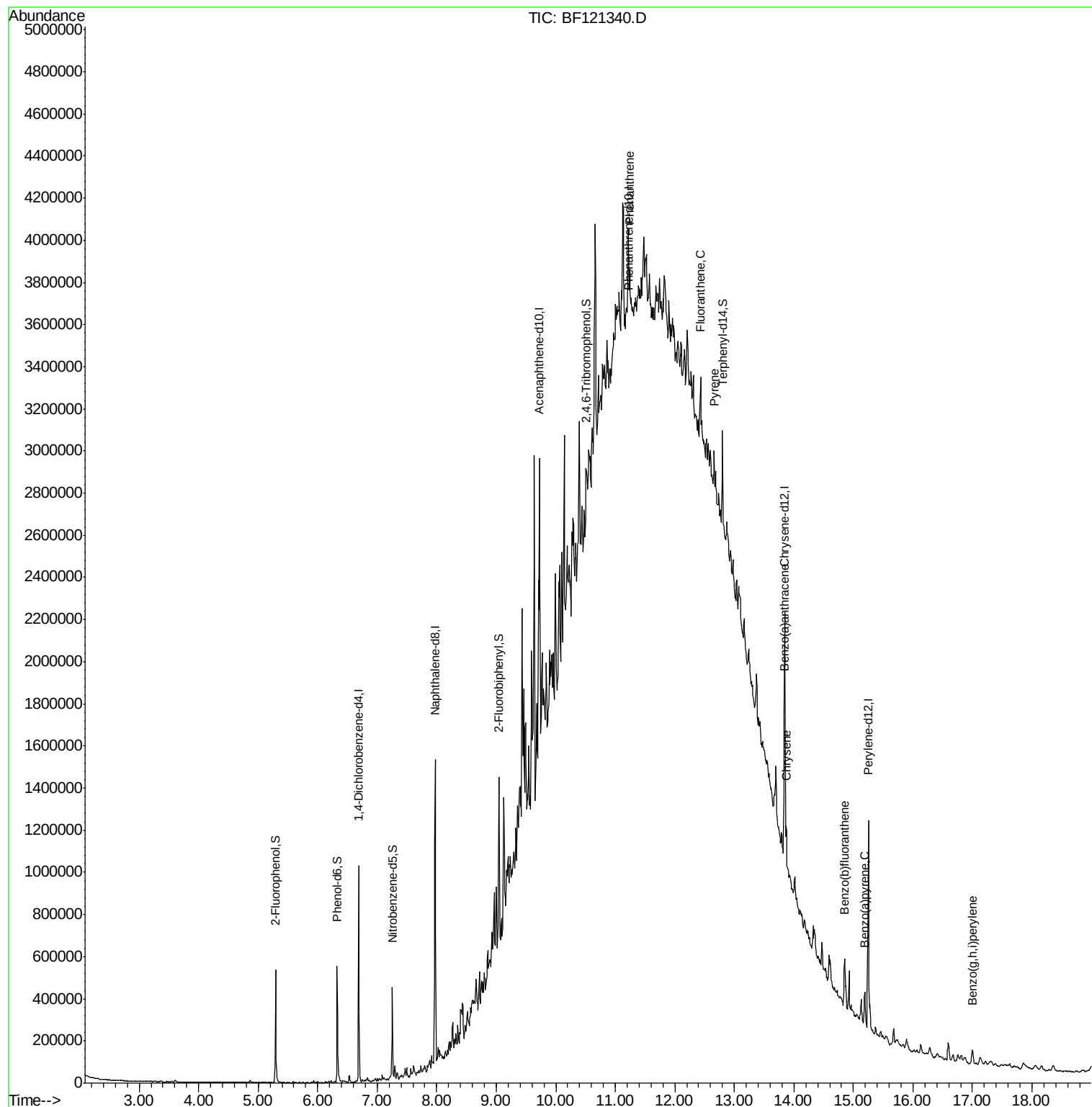
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Operator : JU/CG
Sample : L3712-13 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

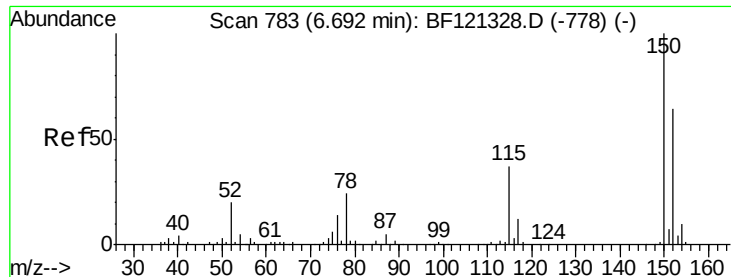
Instrument :
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CHRT-26982

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#1

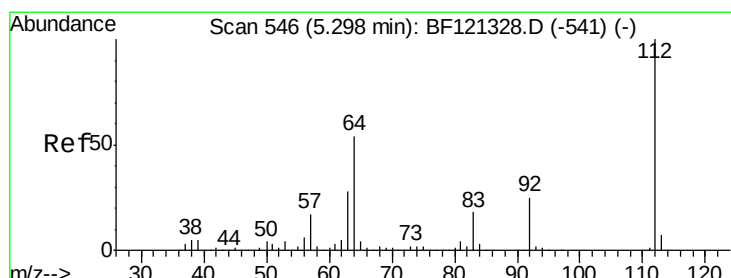
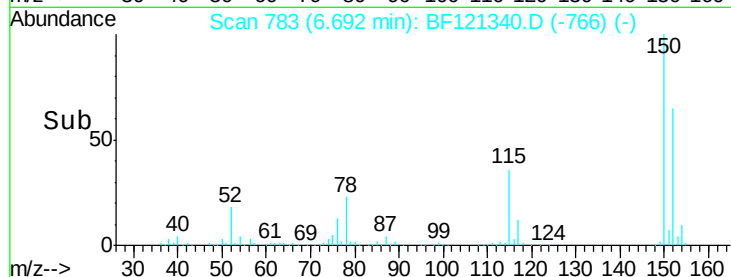
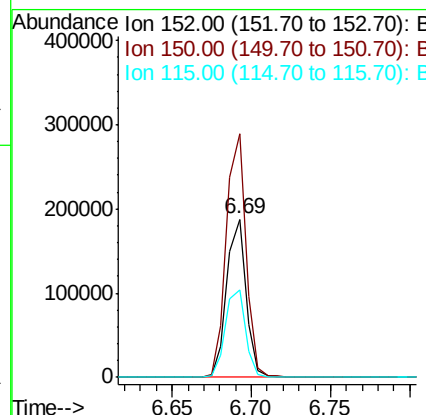
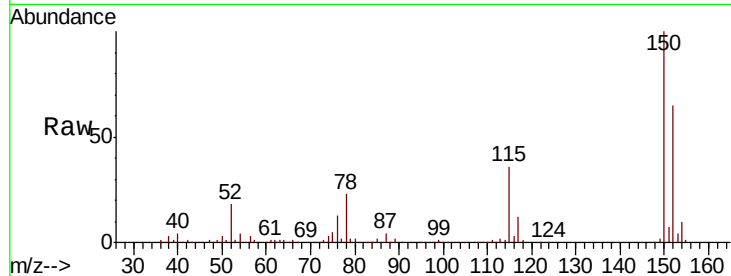
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Instrument :
BNA_F
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.8	187.2
115	55.5	46.1	69.1

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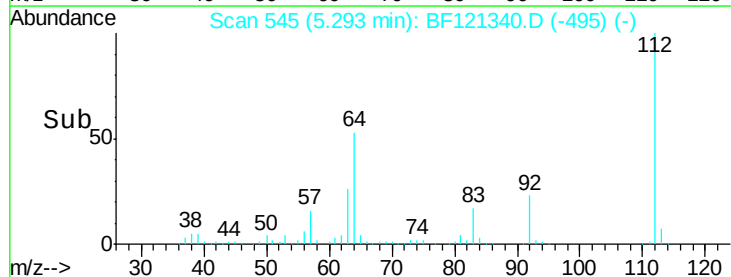
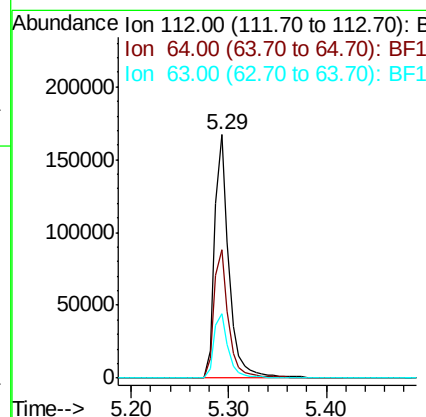
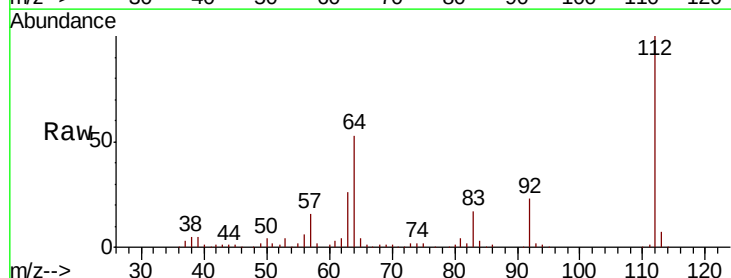
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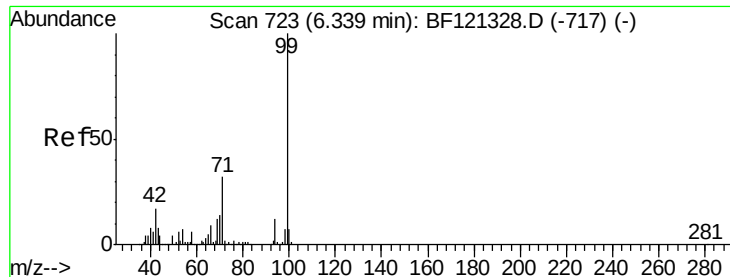


#5

2-Fluorophenol
Concen: 17.483 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	43.5	65.3
63	26.5	22.0	33.0





#7

Phenol-d6

Concen: 16.614 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121340.D

Acq: 20 Aug 2020 11:39

Instrument :

BNA_F

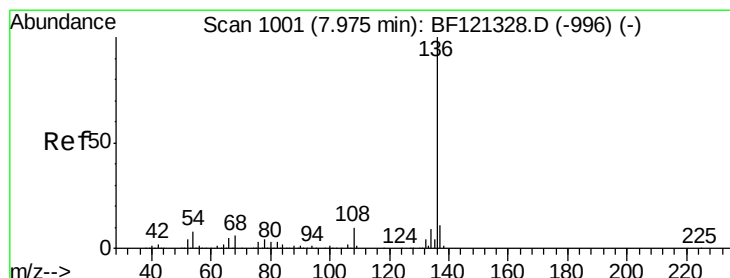
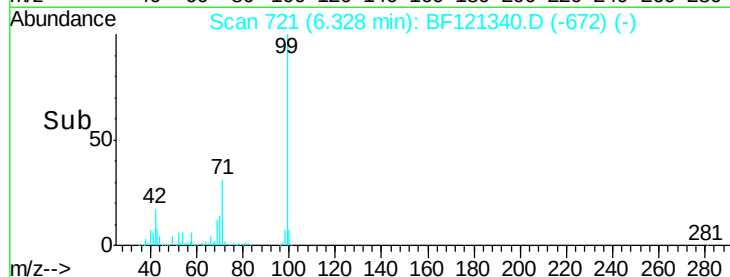
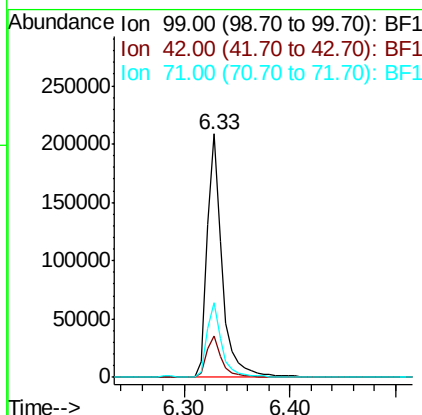
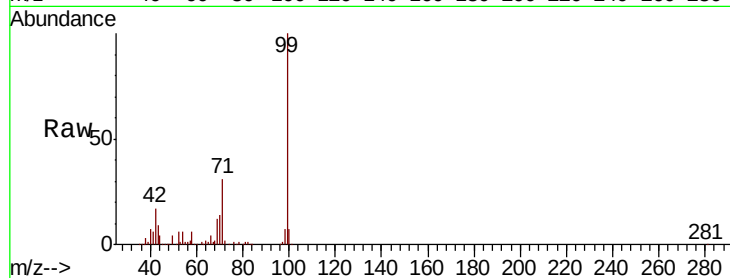
ClientSampled :

CHRT-26982

Tot Ion:	99	Resp:	206324
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	30.9	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.000 ng

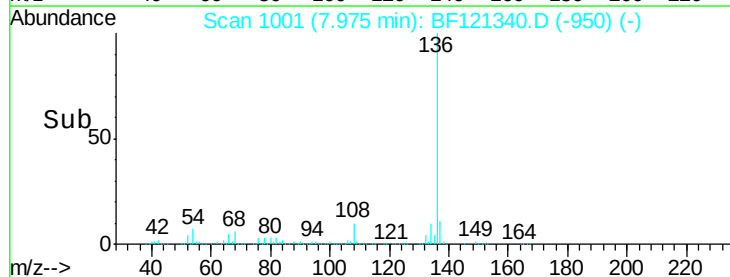
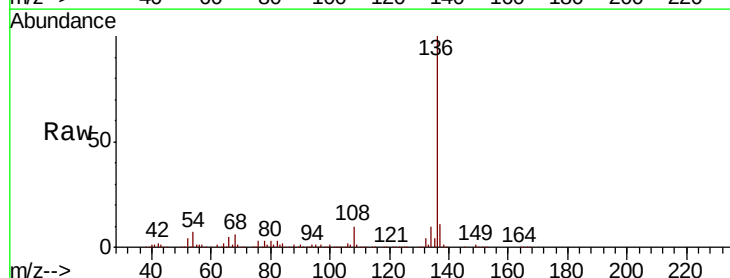
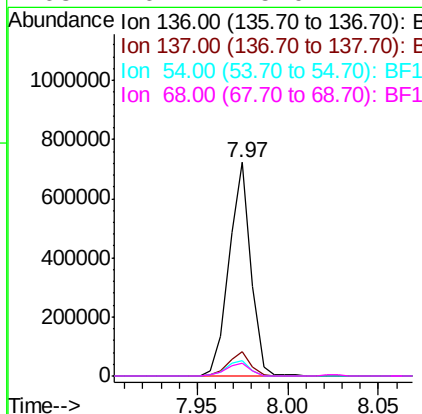
RT: 7.97 min Scan# 1001

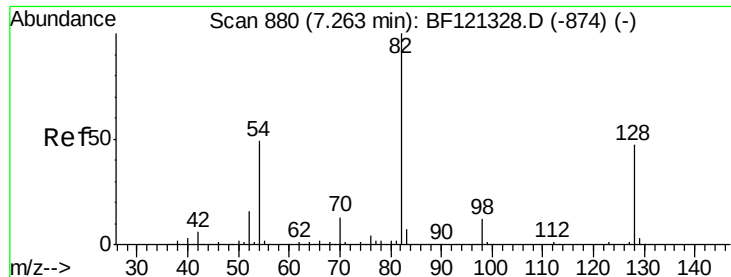
Delta R.T. 0.00 min

Lab File: BF121340.D

Acq: 20 Aug 2020 11:39

Tgt Ion:	136	Resp:	604470
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.4	6.1	9.1
68	6.1	5.0	7.4





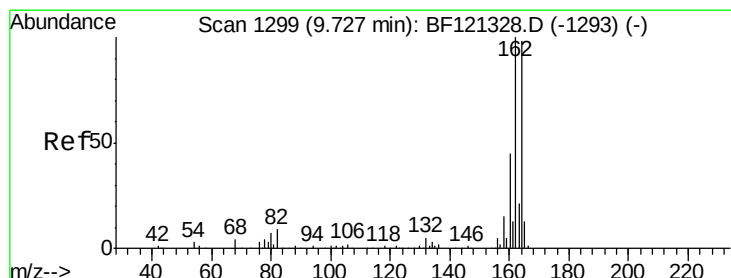
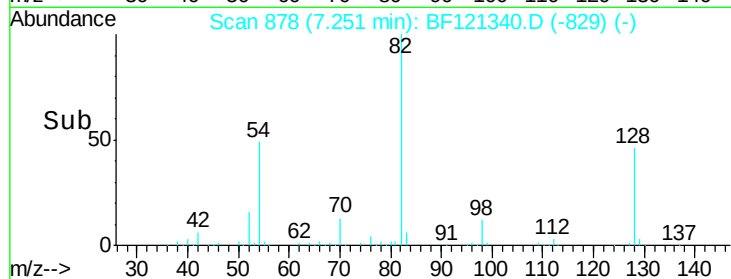
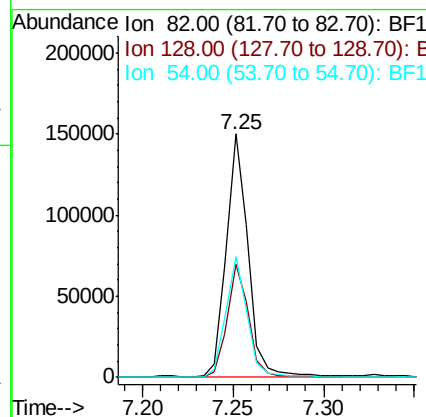
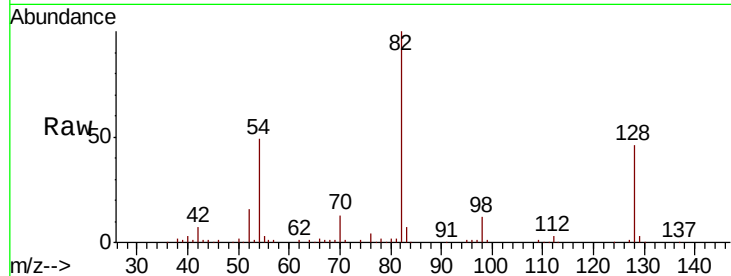
#23
Nitrobenzene-d5
Concen: 11.530 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Instrument :
BNA_F
ClientSampleId :
CHRT-26982

Tot Ion	82	Resp	123228
Ion Ratio	Lower	Upper	
82	100		
128	46.3	37.9	56.9
54	49.4	39.0	58.4

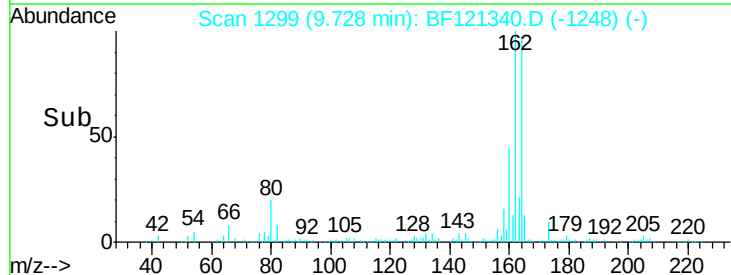
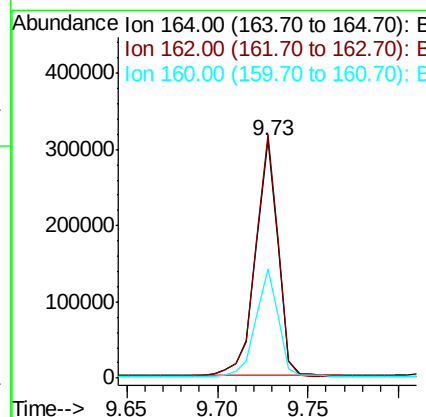
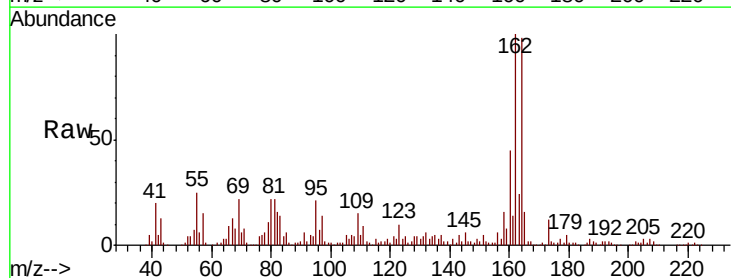
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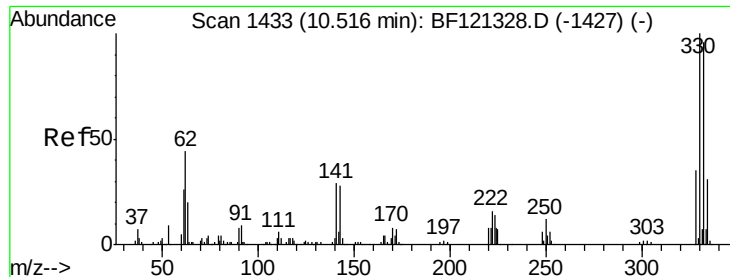
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Tgt Ion	164	Resp	263140
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.7	122.5
160	45.8	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 14.860 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121340.D

Acq: 20 Aug 2020 11:39

Instrument :

BNA_F

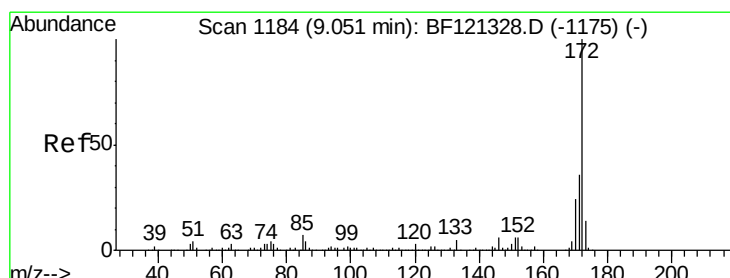
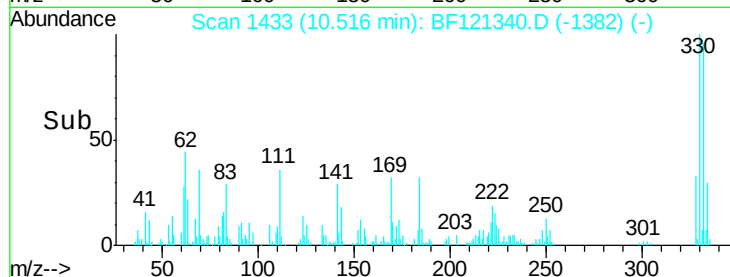
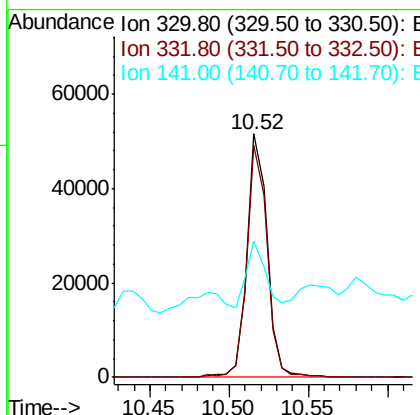
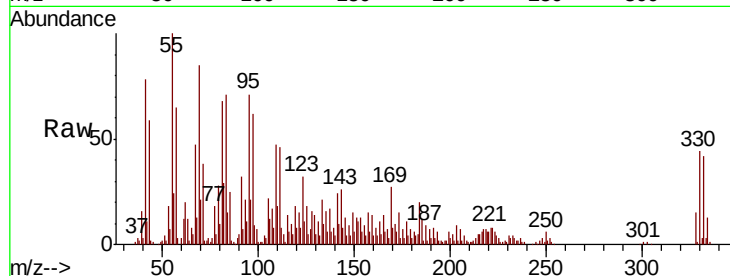
ClientSampled :

CHRT-26982

Tot Ion:	330	Resp:	45568
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.9	115.3
141	26.0	22.8	34.2

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#45

2-Fluorobiphenyl

Concen: 4.802 ng

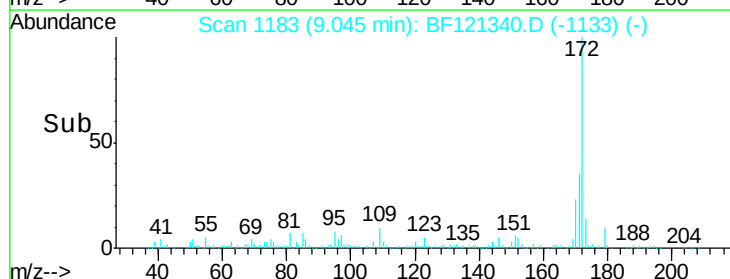
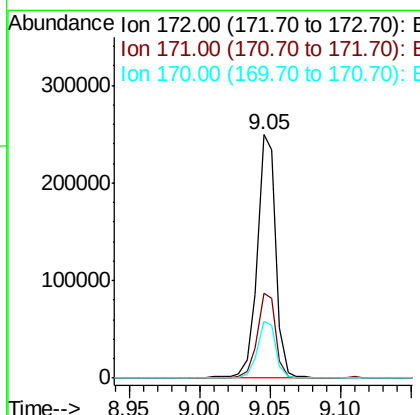
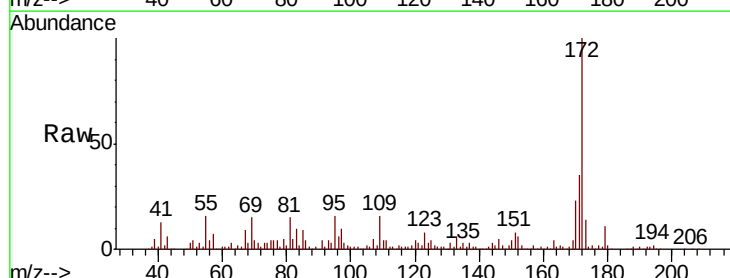
RT: 9.05 min Scan# 1183

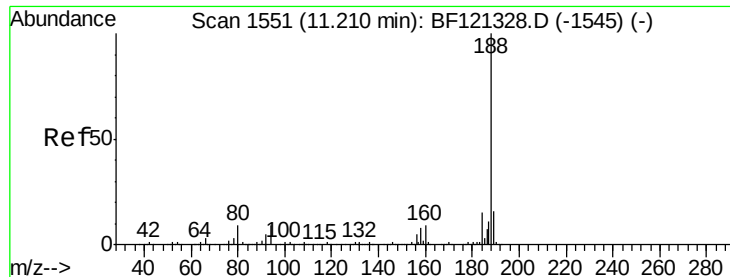
Delta R.T. -0.01 min

Lab File: BF121340.D

Acq: 20 Aug 2020 11:39

Tgt Ion:	172	Resp:	233010
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.0	43.6
170	23.5	19.4	29.2





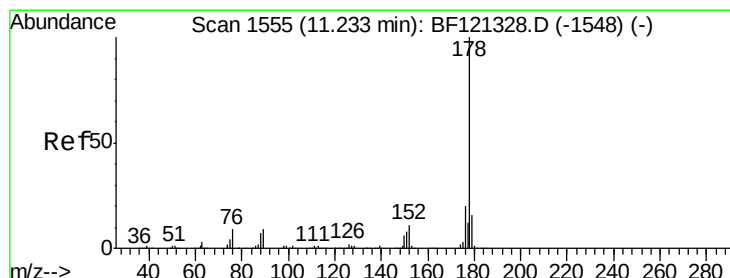
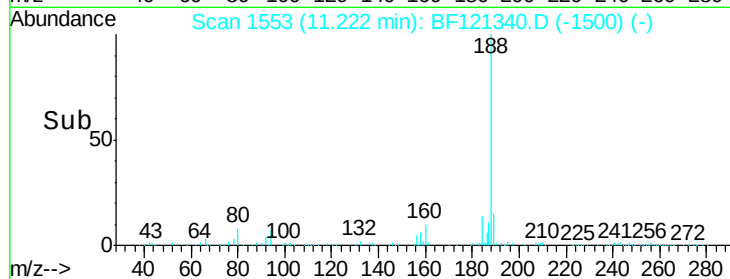
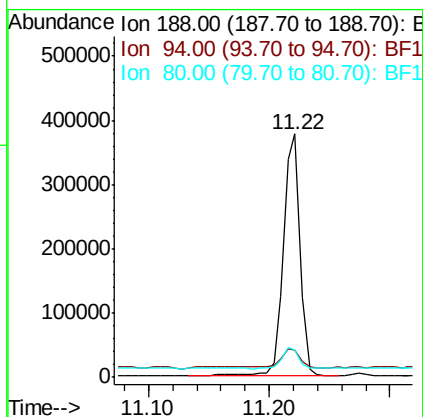
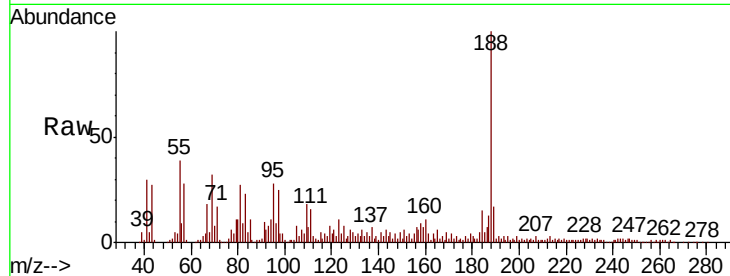
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Instrument :
BNA_F
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	7.2	10.8	
80	11.3	7.4	11.0	

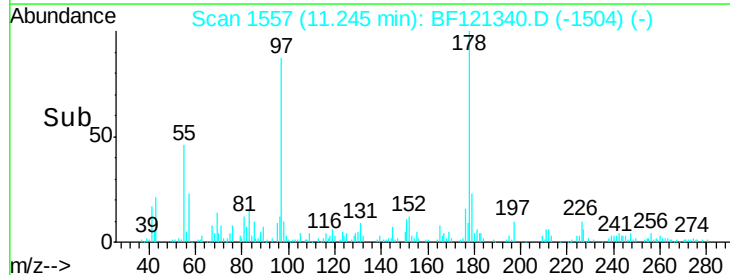
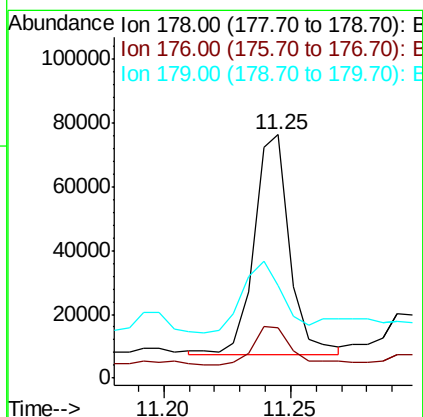
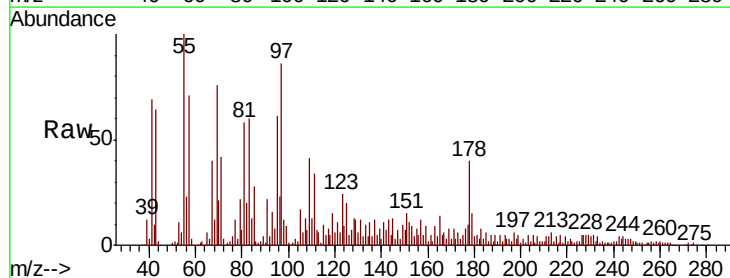
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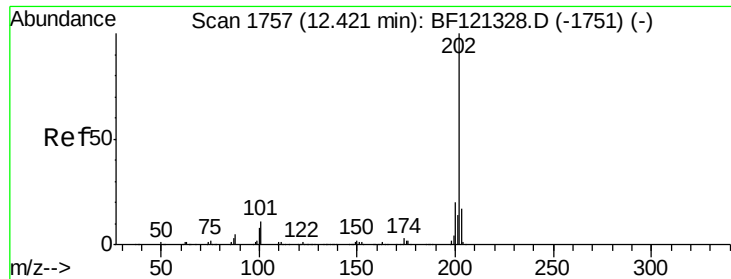
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#71
Phenanthrene
Concen: 3.652 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.9	16.0	24.0	
179	38.3	12.8	19.2	





#75

Fluoranthene

Concen: 6.807 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF121340.D

Acq: 20 Aug 2020 11:39

Instrument :

BNA_F

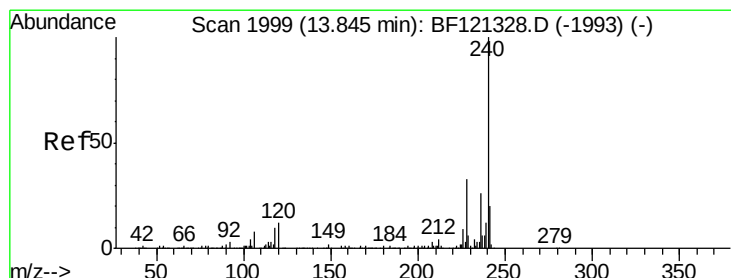
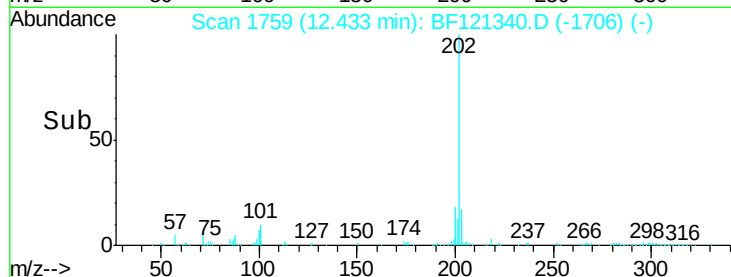
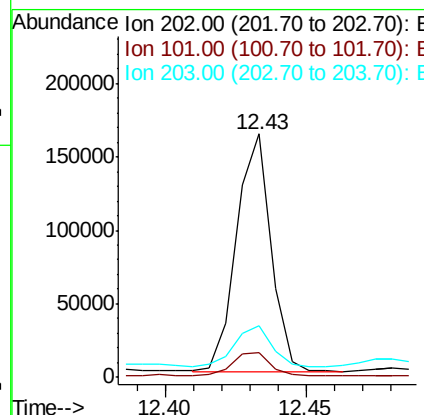
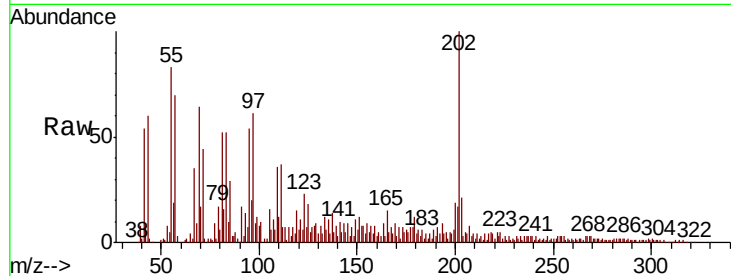
ClientSampleId :

CHRT-26982

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	30.6
203	21.4	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

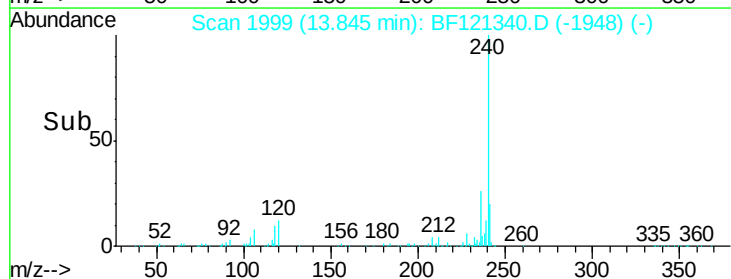
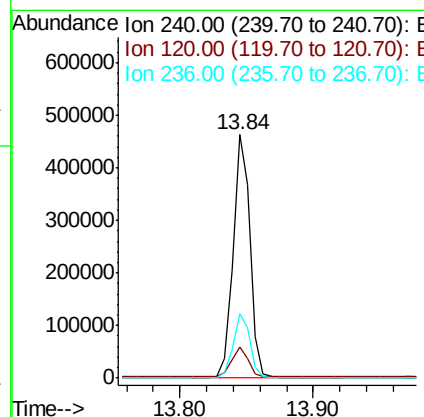
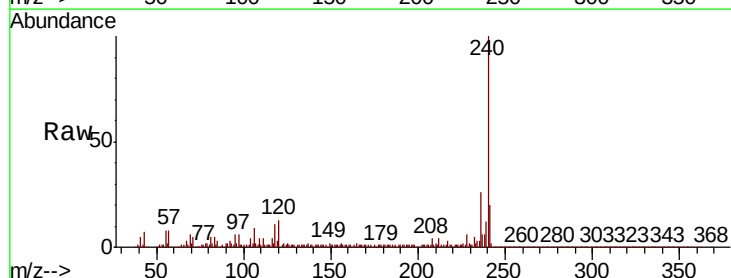
RT: 13.84 min Scan# 1999

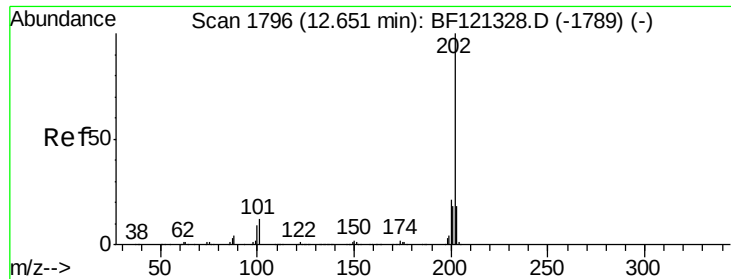
Delta R.T. 0.00 min

Lab File: BF121340.D

Acq: 20 Aug 2020 11:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	9.6	14.4
236	26.4	20.6	31.0





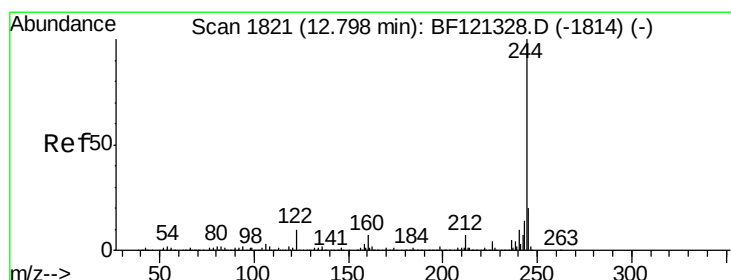
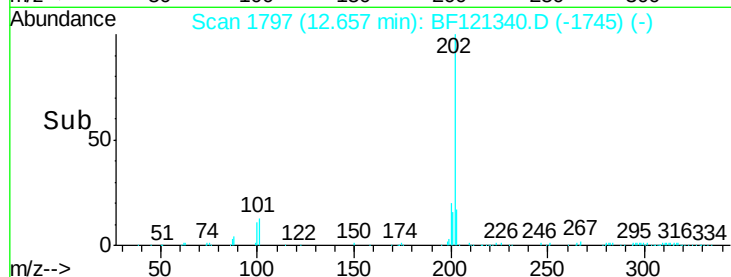
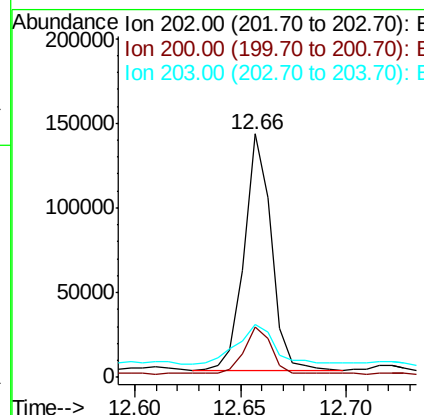
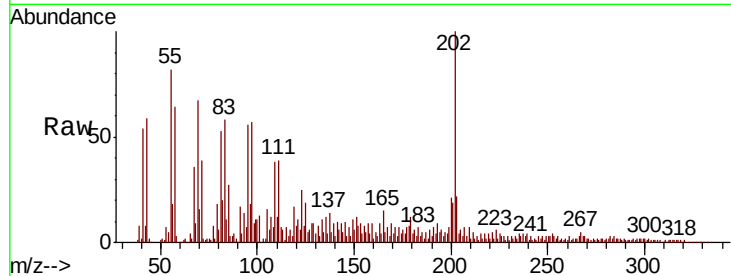
#78
Pvrene
Concen: 3.997 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Instrument :
BNA_F
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	16.6	24.8
203	21.8	14.2	21.2

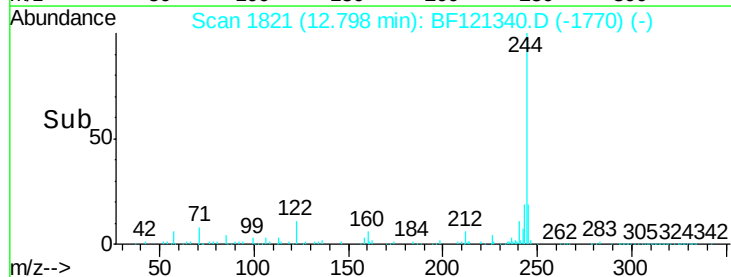
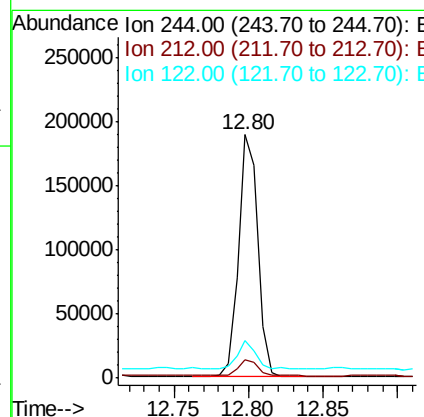
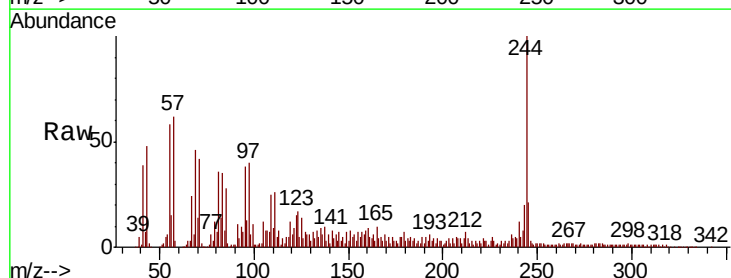
Manual Integrations
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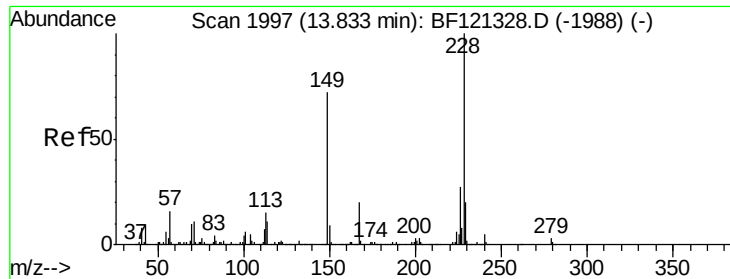
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#79
Terphenyl-d14
Concen: 8.151 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.4	8.0
122	15.2	7.8	11.8





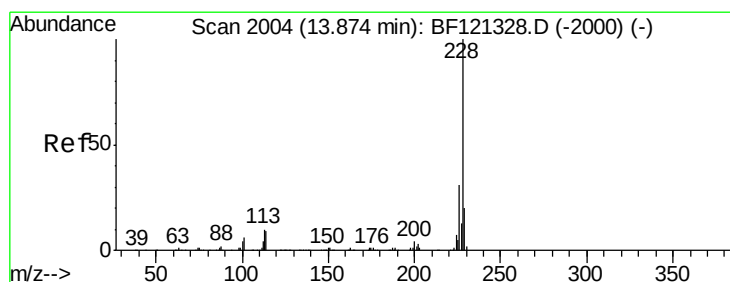
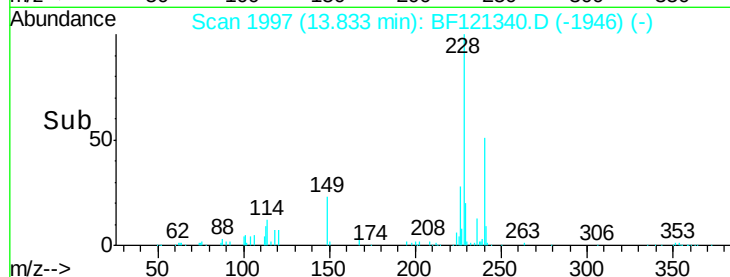
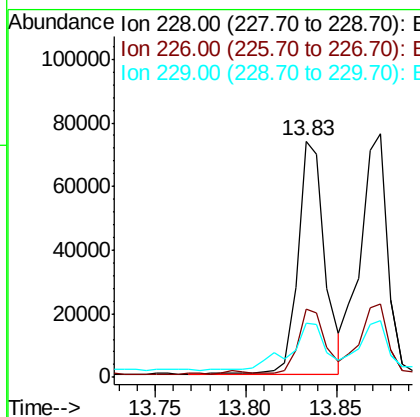
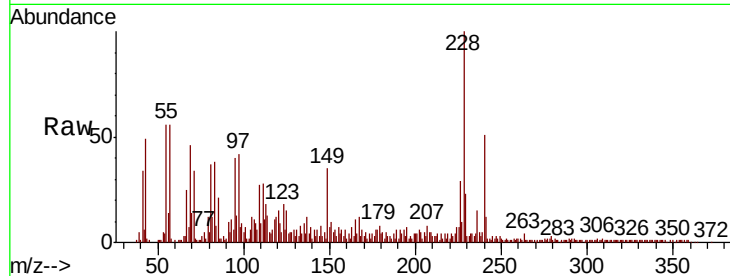
#81
Benzo(a)anthracene
Concen: 3.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Instrument :
BNA_F
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.6
229	23.1	15.8	23.8

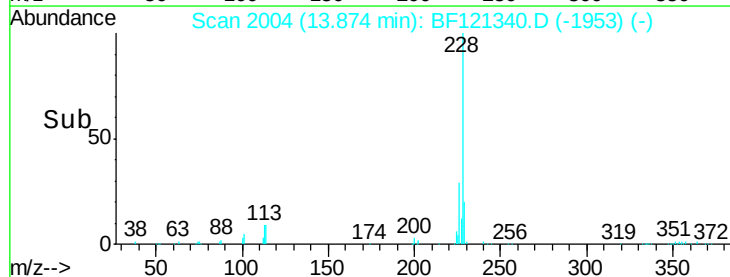
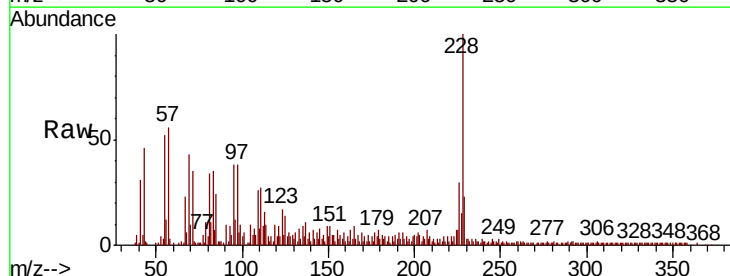
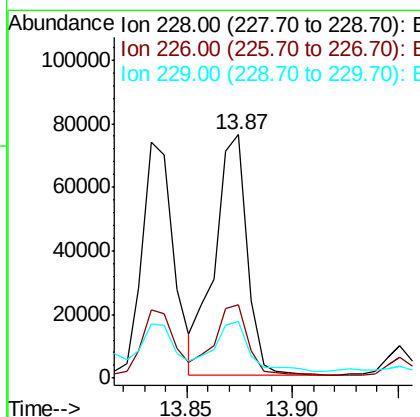
Manual Integrations
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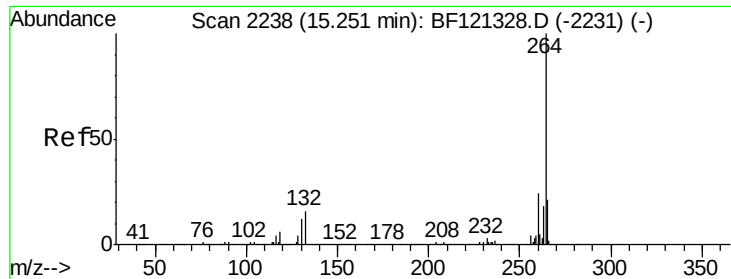
mohammad
8/21/2020 12:49:46 PM



#83
Chrysene
Concen: 3.067 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	23.2	15.9	23.9





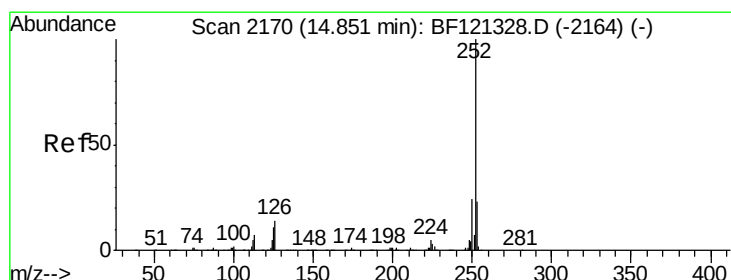
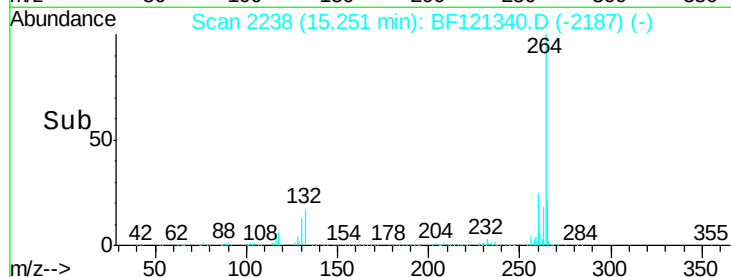
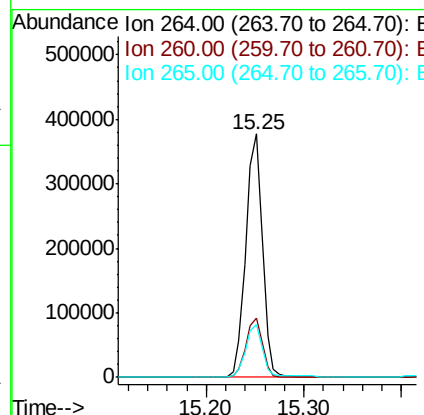
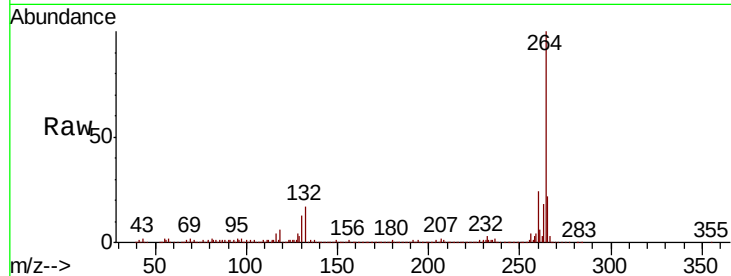
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Instrument :
BNA_F
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.1	25.7

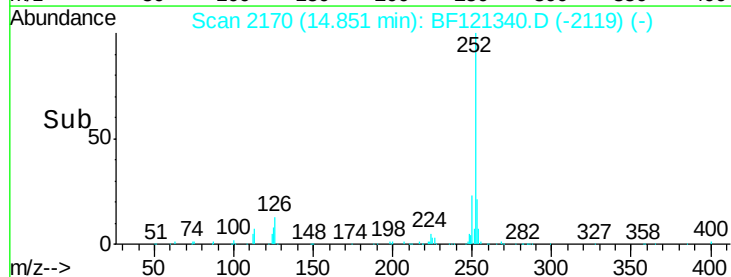
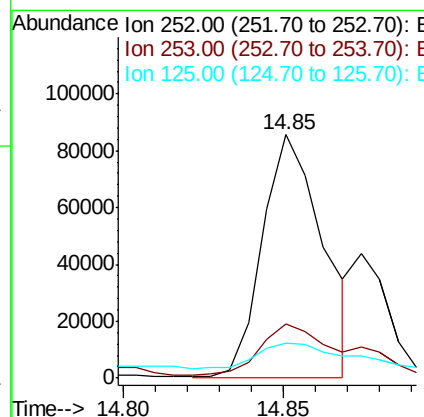
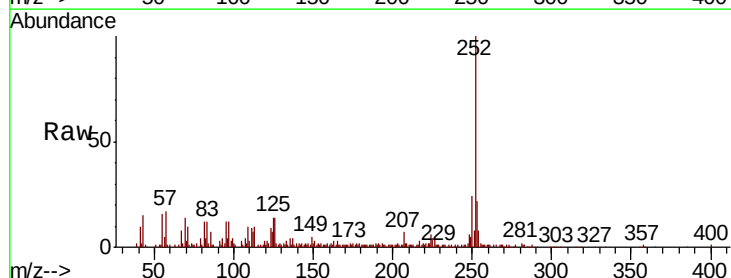
Manual Integrations
APPROVED

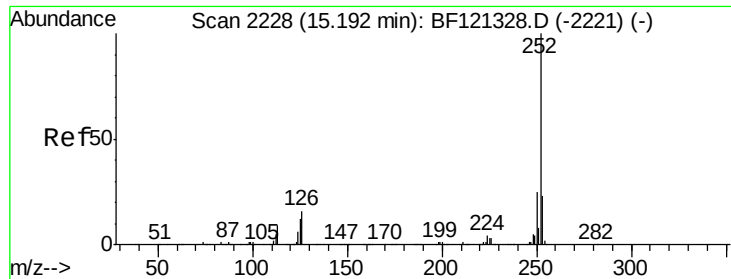
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.881 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.3	8.6	12.8





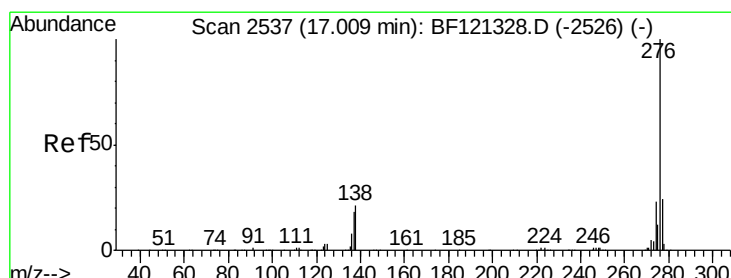
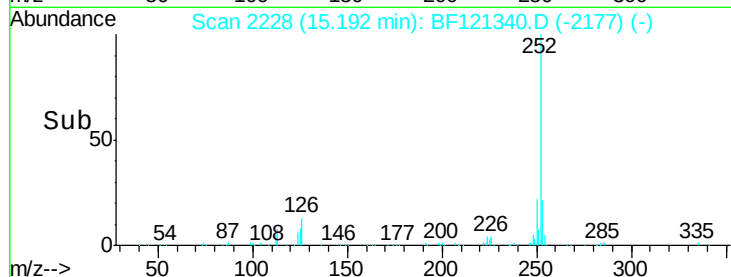
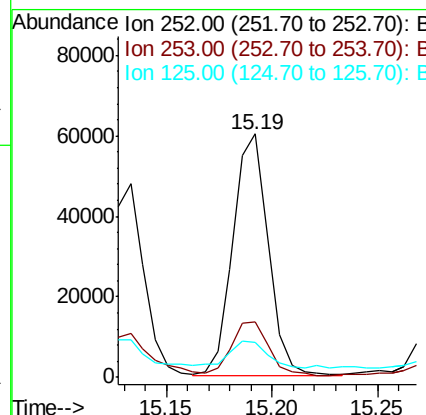
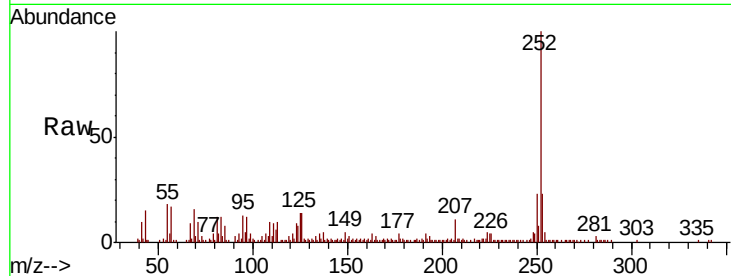
#90
Benzo(a)pyrene
Concen: 2.760 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Instrument :
BNA_F
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.1	9.4	14.0

Manual Integrations
APPROVED

mohammad
8/21/2020 12:49:46 PM



#92
Benzo(g,h,i)perylene
Concen: 2.332 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF121340.D
Acq: 20 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	22.9	16.8	25.2

