

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119270.D
 Acq On : 7 Mar 2020 1:04
 Operator : CG/JU
 Sample : L1762-10 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-030520

Manual Integrations
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Quant Time: Mar 07 05:10:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96963	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	374462	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	201951	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	344513	20.00	ng	0.00
76) Chrysene-d12	13.88	240	267201	20.00	ng	0.00
87) Perylene-d12	15.31	264	276103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	229578	39.57	ng	0.00
7) Phenol-d6	6.37	99	288891	40.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	185988	26.22	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	79348	30.03	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	377357	27.53	ng	0.00
79) Terphenyl-d14	12.82	244	416825	26.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	33441	2.165	ng	98
71) Phenanthrene	11.27	178	78111	4.157	ng	94
75) Fluoranthene	12.46	202	102571	5.143	ng	98
78) Pyrene	12.69	202	89678	4.180	ng	97
81) Benzo(a)anthracene	13.87	228	37723	2.072	ng	96
83) Chrysene	13.91	228	38817	2.140	ng	95
88) Benzo(b)fluoranthene	14.91	252	39917m	2.193	ng	

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

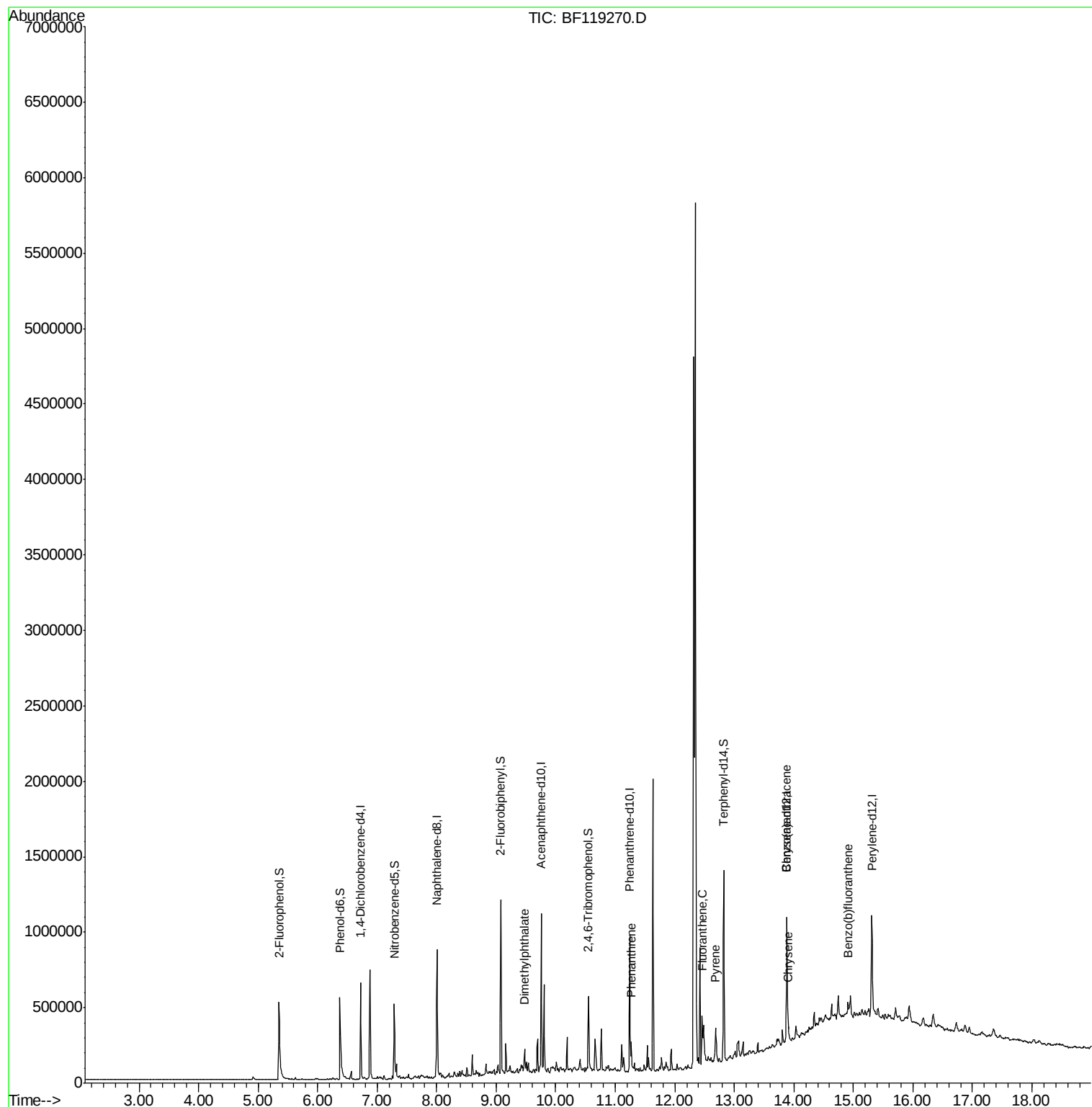
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119270.D
Acq On : 7 Mar 2020 1:04
Operator : CG/JU
Sample : L1762-10 2X
Misc :
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#1

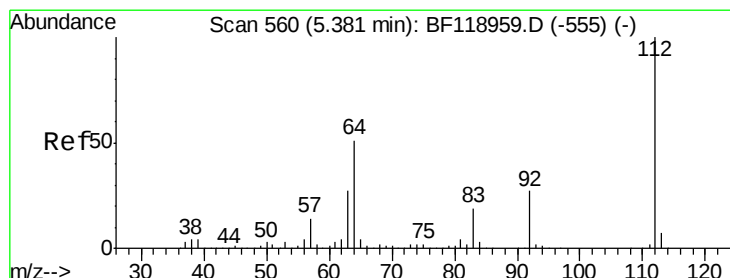
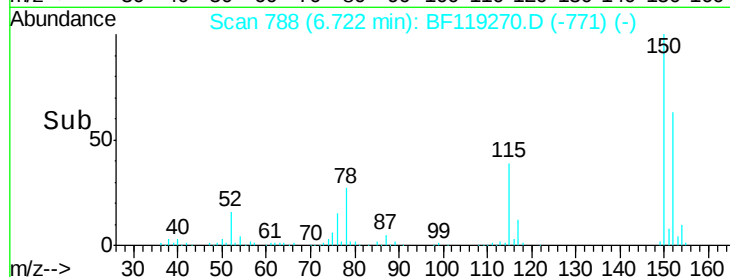
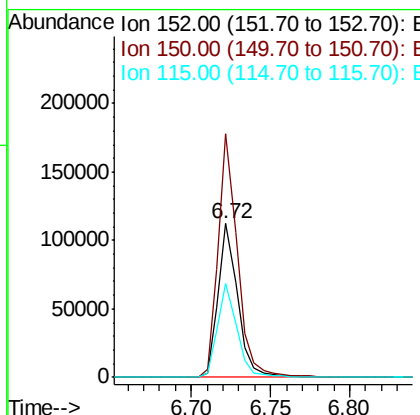
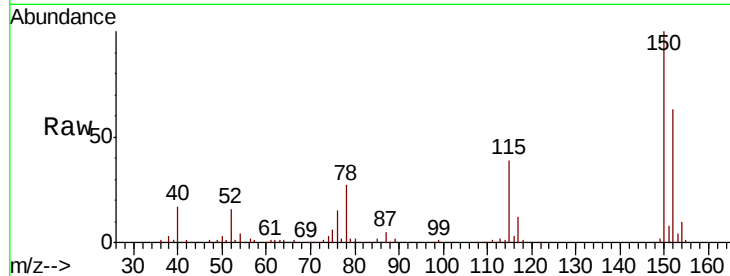
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TR-08-030520

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.0	184.6
115	61.3	49.5	74.3

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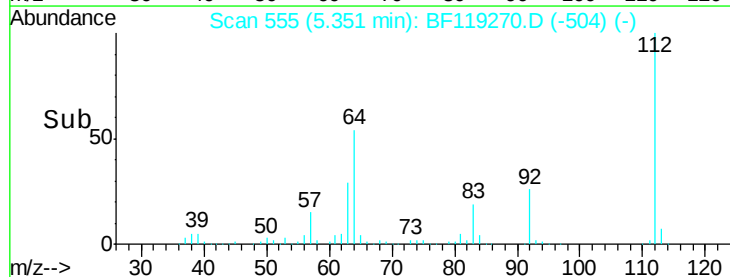
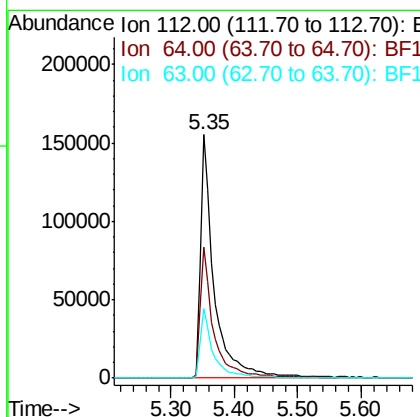
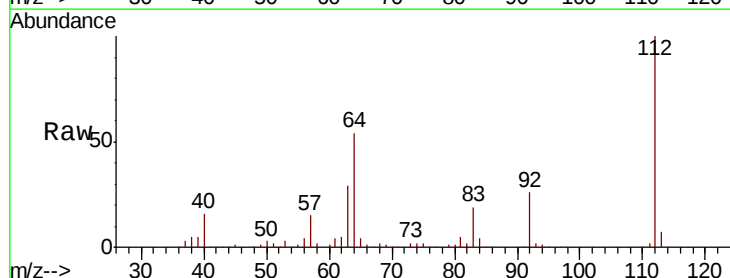
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#5

2-Fluorophenol
Concen: 39.568 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.0	67.4
63	28.8	24.2	36.4





#7

Phenol-d6

Concen: 40.940 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119270.D

Acq: 7 Mar 2020 1:04

Instrument :

BNA_F

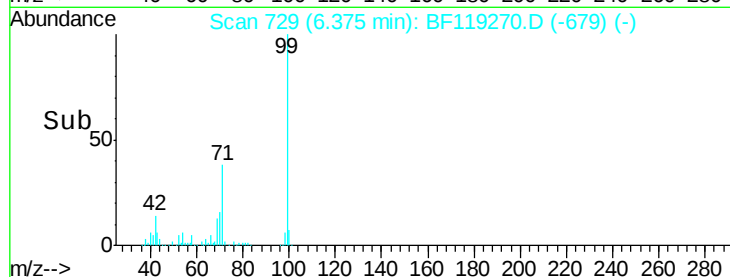
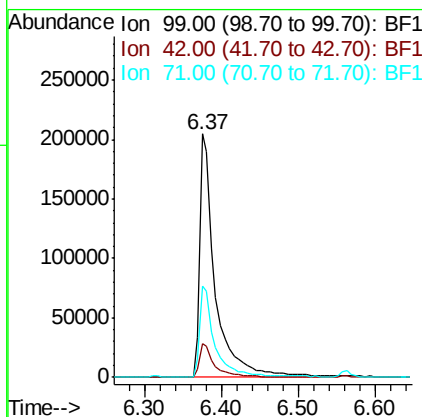
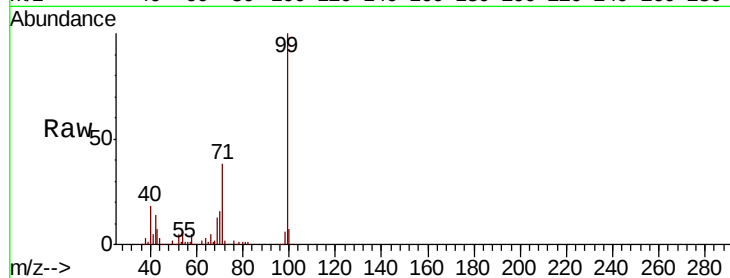
ClientSampled :

TR-08-030520

Tot Ion:	99	Resp:	288891
Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.6	18.8
71	37.7	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

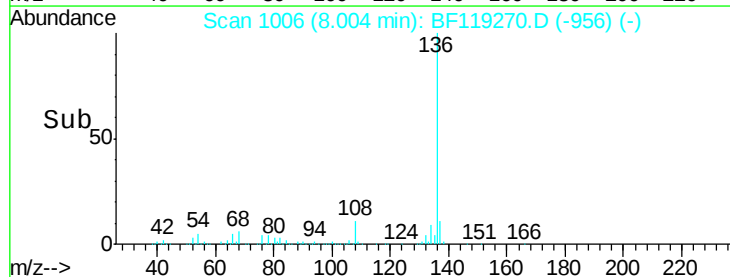
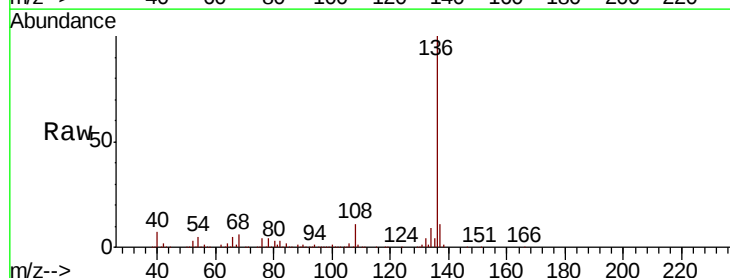
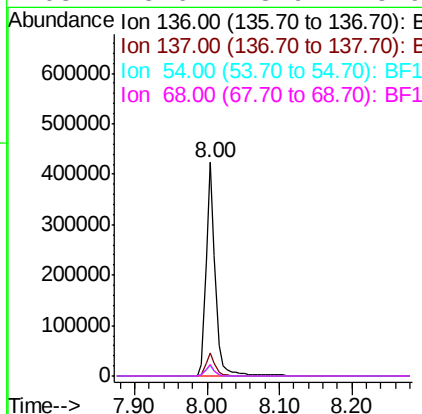
RT: 8.00 min Scan# 1006

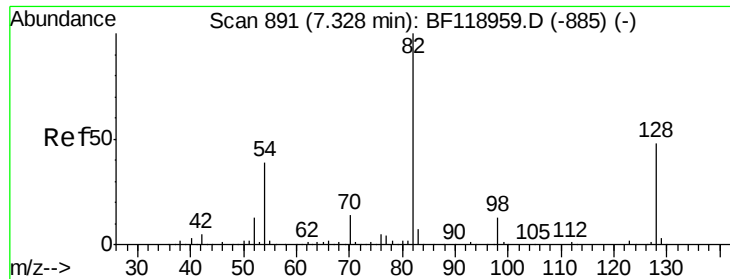
Delta R.T. -0.01 min

Lab File: BF119270.D

Acq: 7 Mar 2020 1:04

Tgt Ion:	136	Resp:	374462
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	5.1	3.8	5.6
68	5.6	3.9	5.9





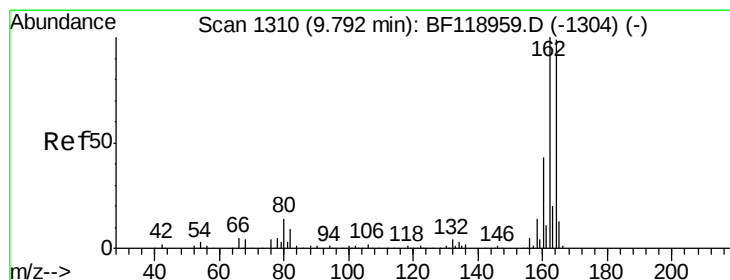
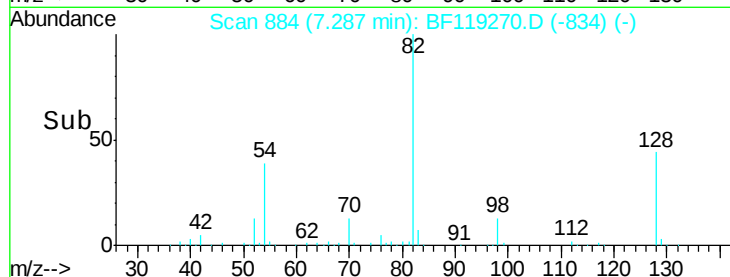
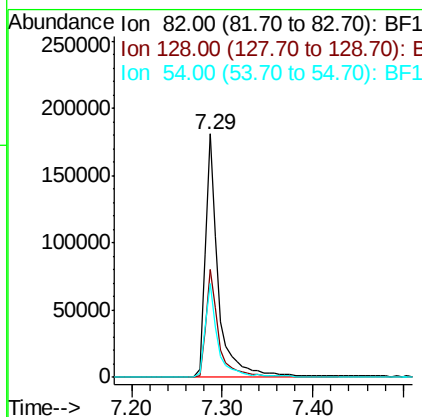
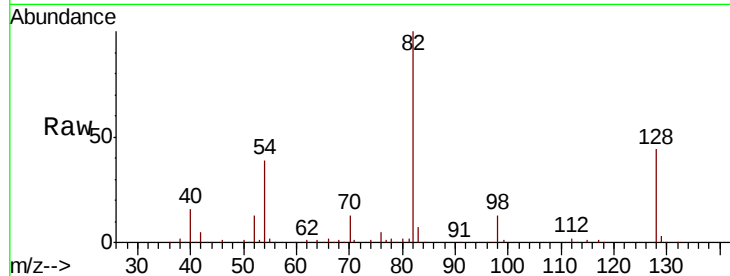
#23
Nitrobenzene-d5
Concen: 26.225 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TR-08-030520

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.9	56.9
54	38.5	33.4	50.2

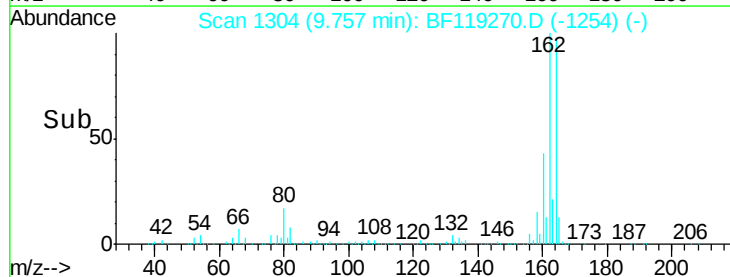
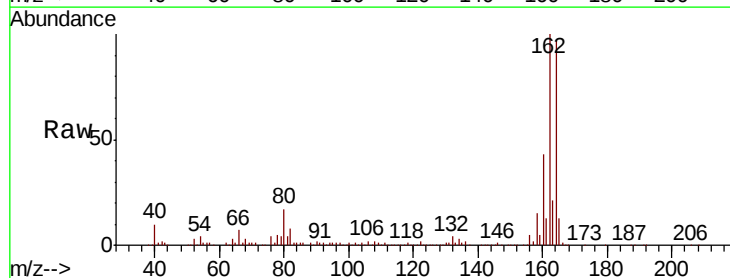
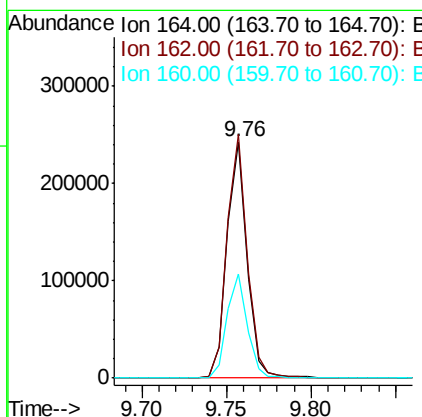
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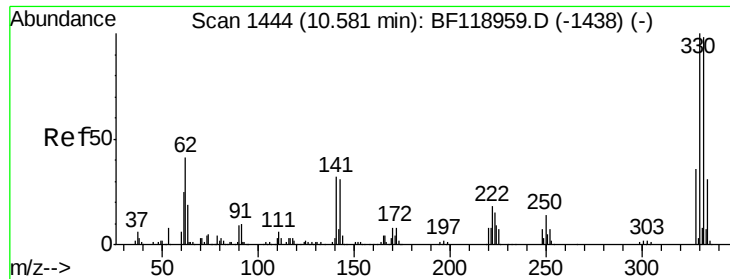
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.8	122.8
160	44.3	36.0	54.0





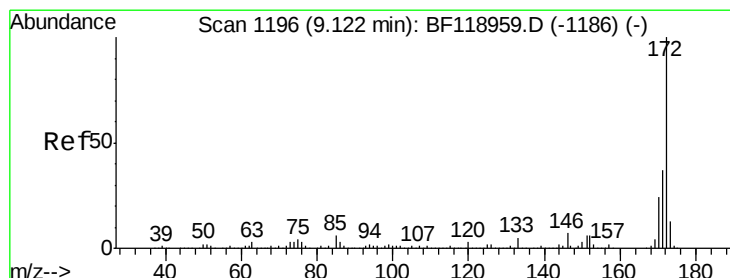
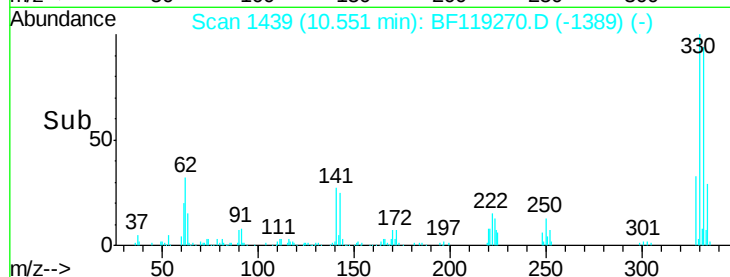
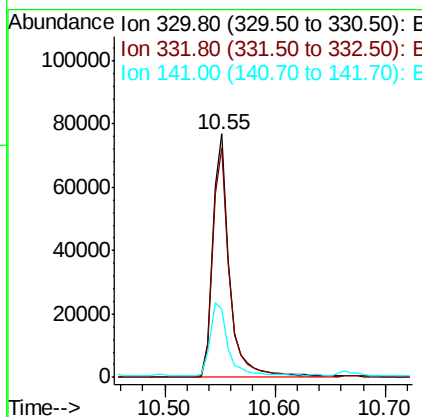
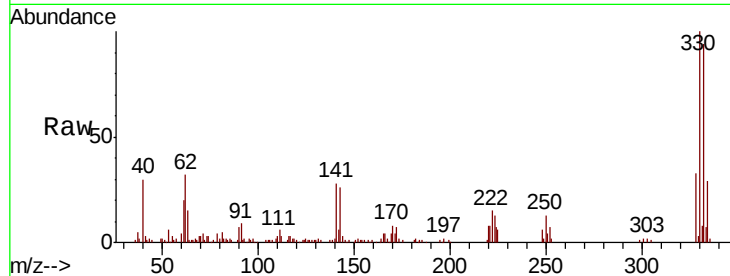
#42
 2,4,6-Tribromophenol
 Concen: 30.035 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119270.D
 Acq: 7 Mar 2020 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-030520

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	32.4	22.9	34.3

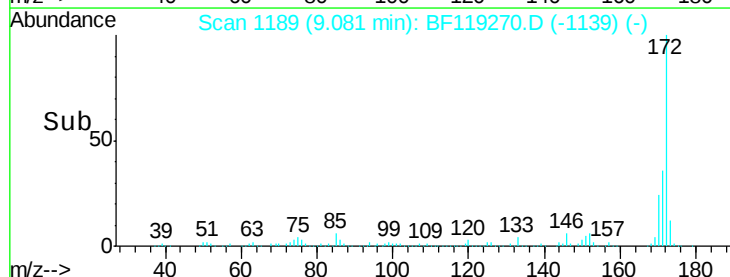
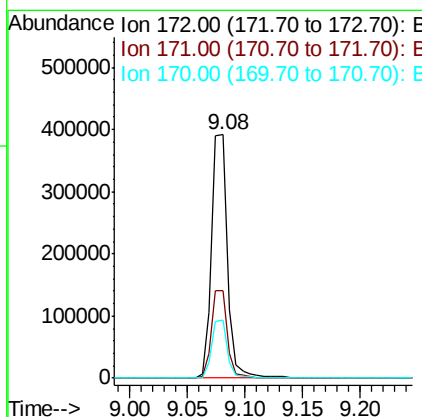
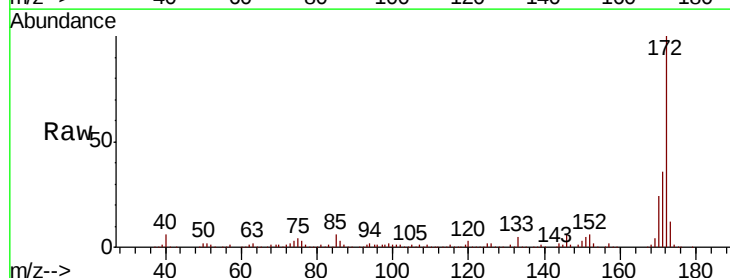
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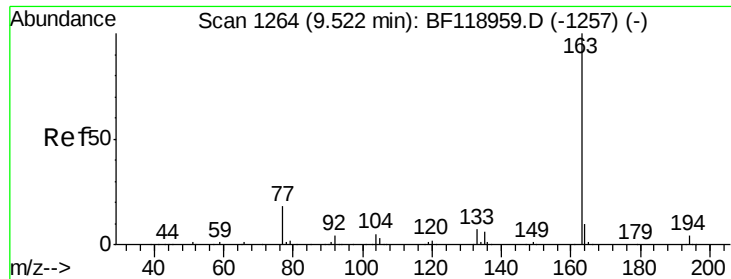
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#45
 2-Fluorobiphenyl
 Concen: 27.527 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119270.D
 Acq: 7 Mar 2020 1:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.6	20.2	30.2





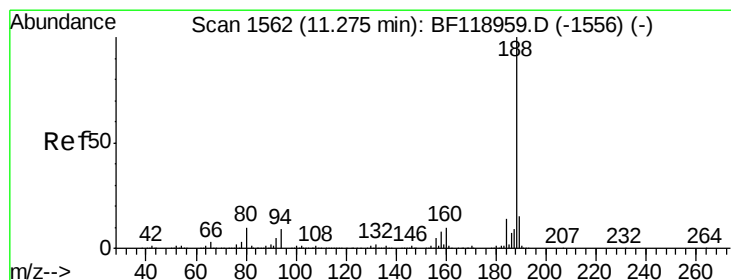
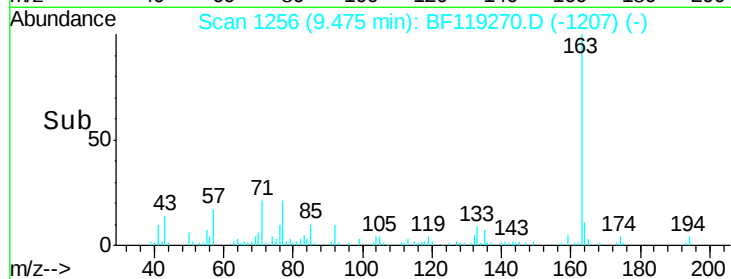
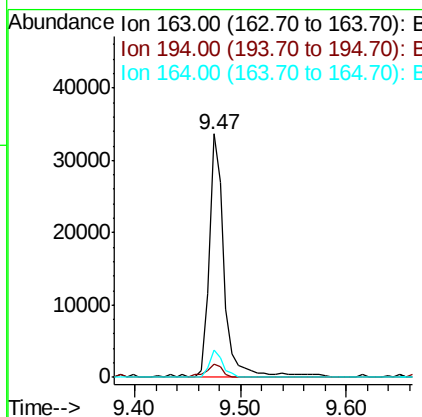
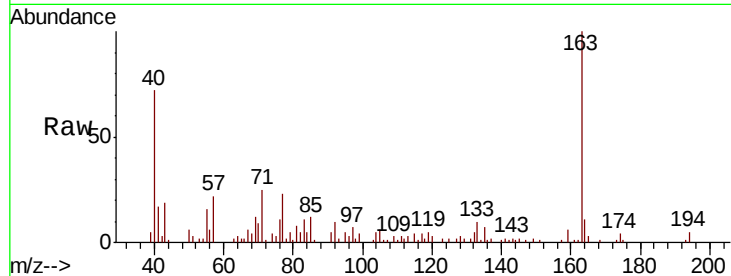
#50
Dimethylphthalate
Concen: 2.165 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TR-08-030520

Tot Ion	Ratio	Resp	Lower	Upper
163	100	33441		
194	5.2	3.5	5.3	
164	11.3	8.4	12.6	

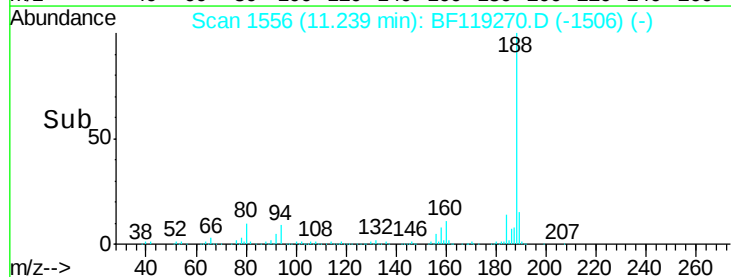
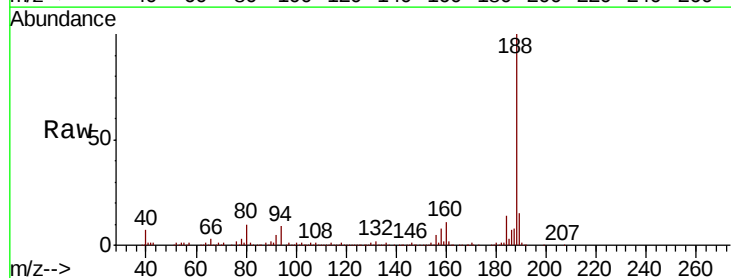
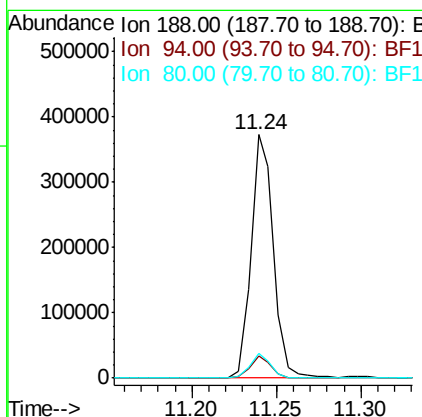
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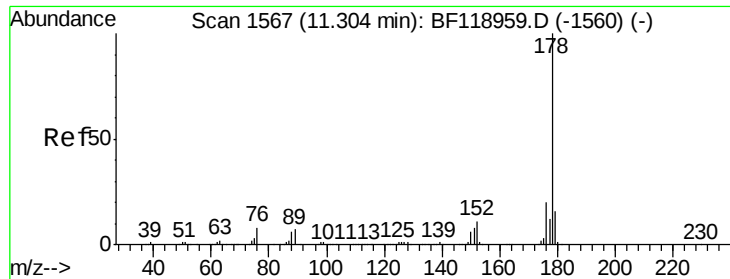
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	344513		
94	8.9	7.1	10.7	
80	9.9	7.8	11.8	





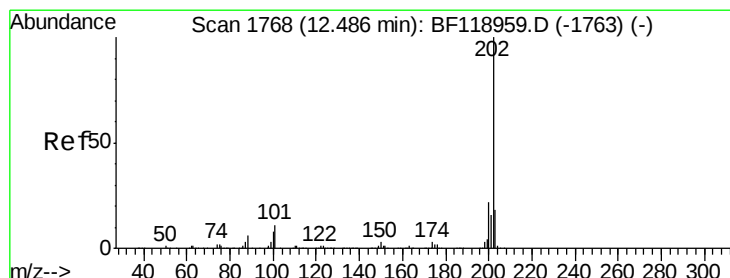
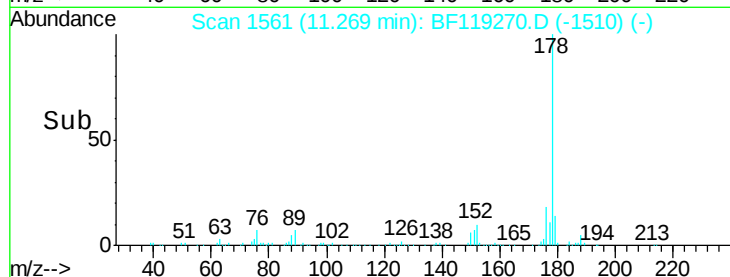
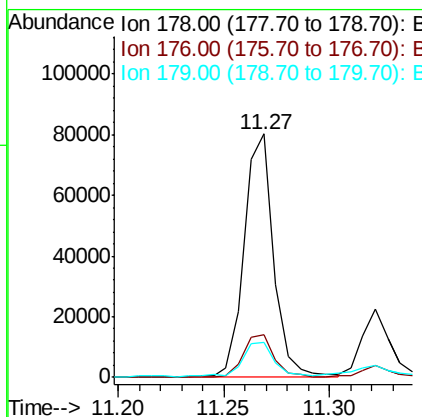
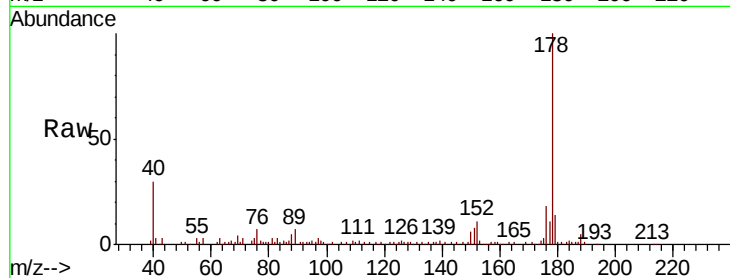
#71
Phenanthrene
Concen: 4.157 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Instrument :
BNA_F
ClientSampled :
TR-08-030520

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.5	24.7
179	14.3	13.0	19.6

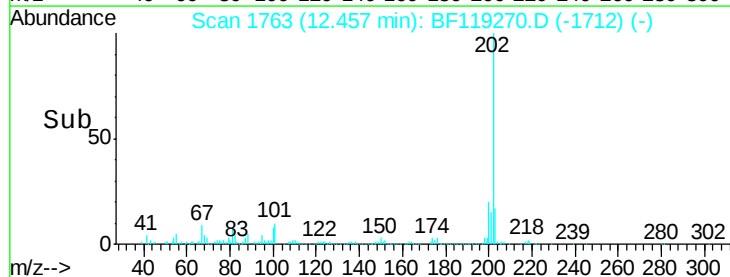
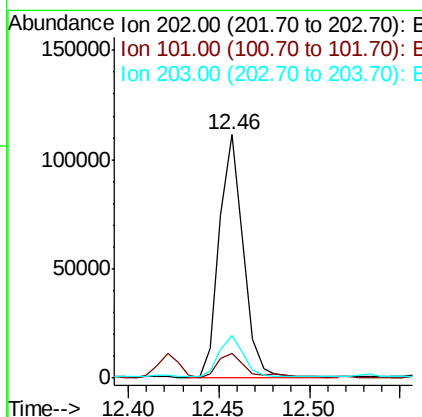
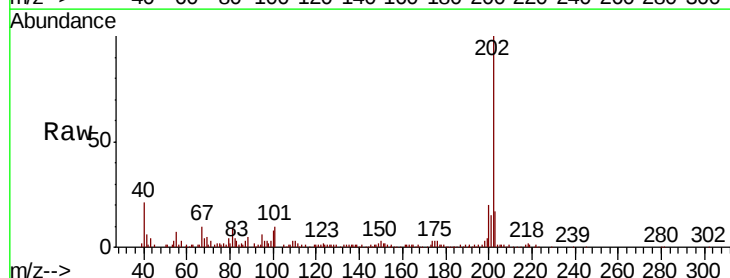
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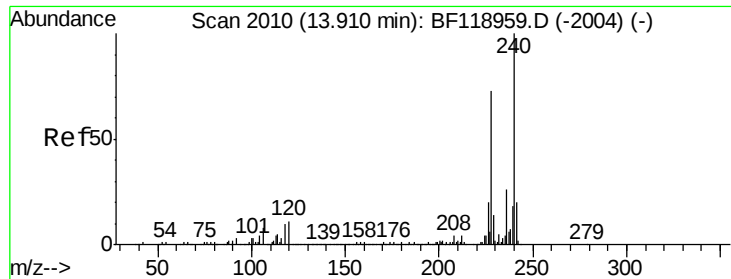
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#75
Fluoranthene
Concen: 5.143 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	17.5	0.0	38.4





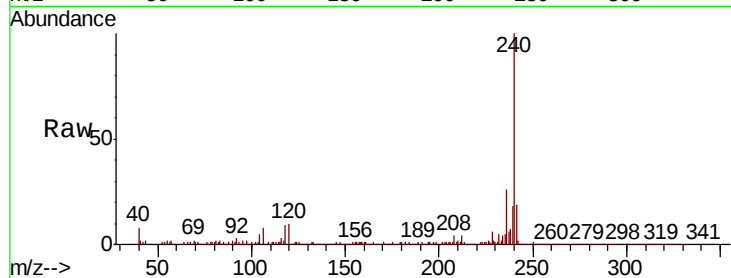
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TR-08-030520

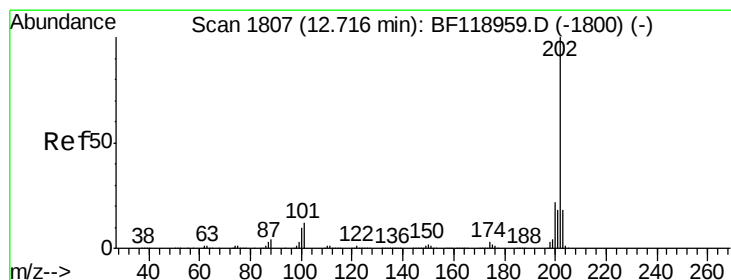
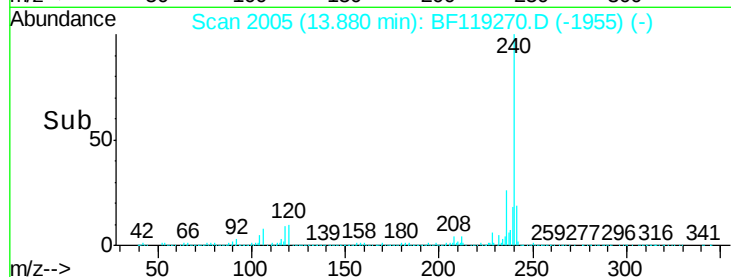
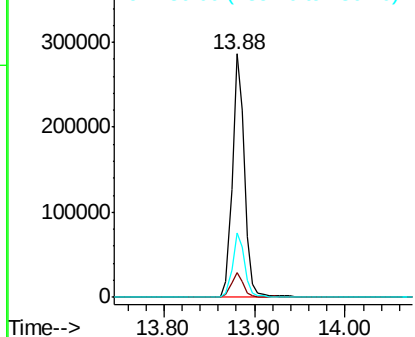
Tot Ion:	240	Resp:	267201
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.3	21.0	31.4

Manual Integrations
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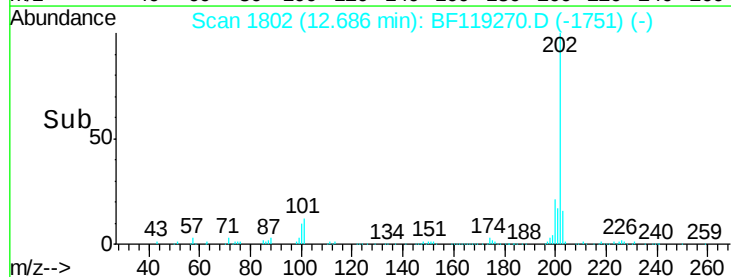
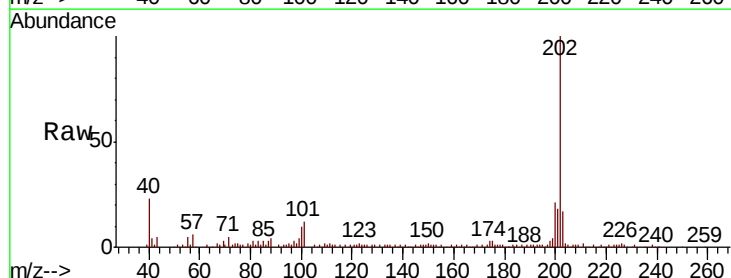
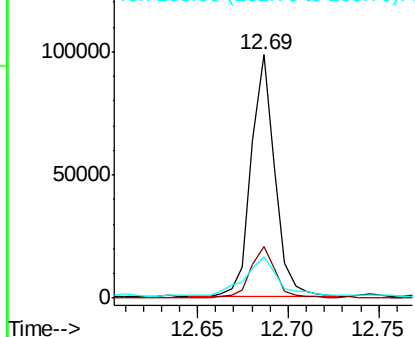
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Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

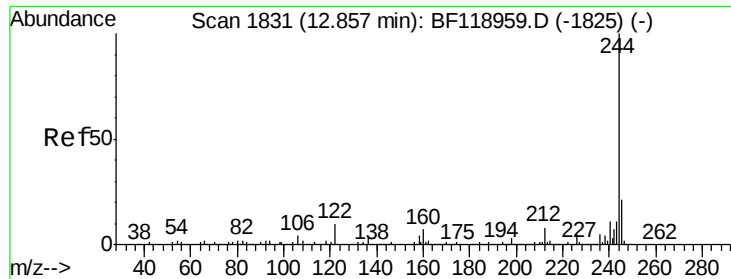


#78
Pyrene
Concen: 4.180 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Tgt Ion:	202	Resp:	89678
Ion Ratio	Lower	Upper	
202	100		
200	21.1	18.0	27.0
203	17.1	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





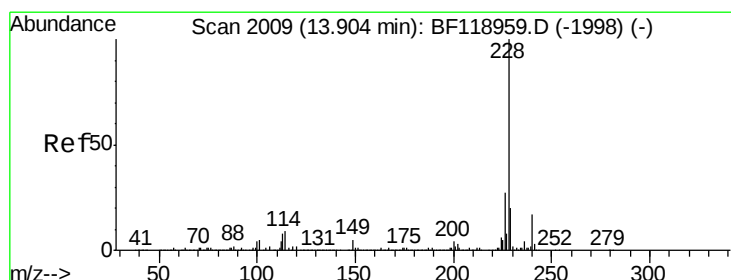
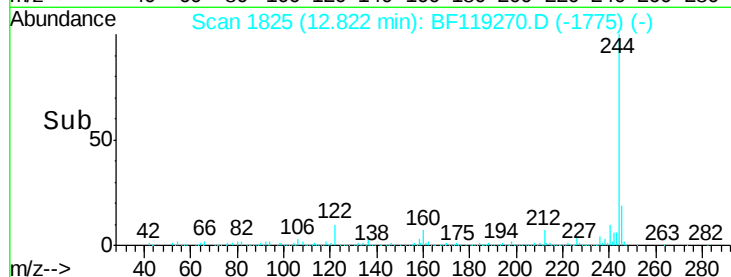
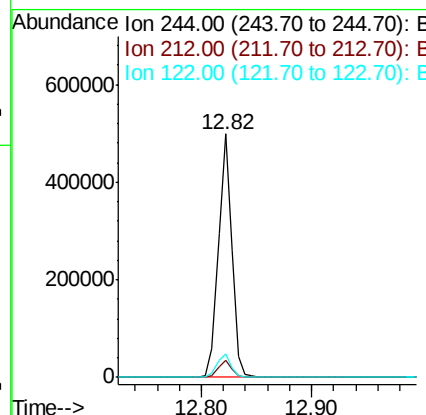
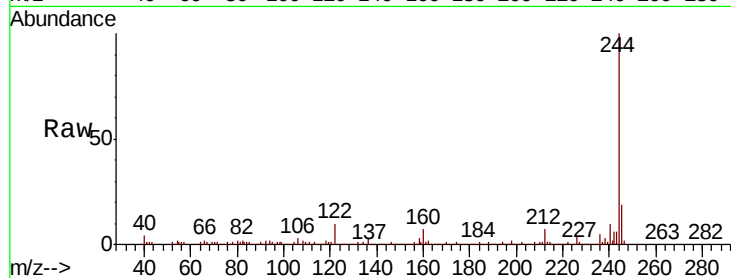
#79
 Terphenyl-d14
 Concen: 26.858 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119270.D
 Acq: 7 Mar 2020 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-030520

Tot Ion:	244	Resp:	416825
Ion Ratio		Lower	Upper
244	100		
212	6.9	6.6	10.0
122	9.8	8.2	12.2

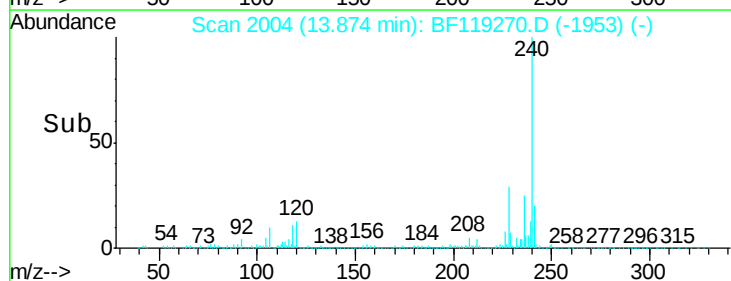
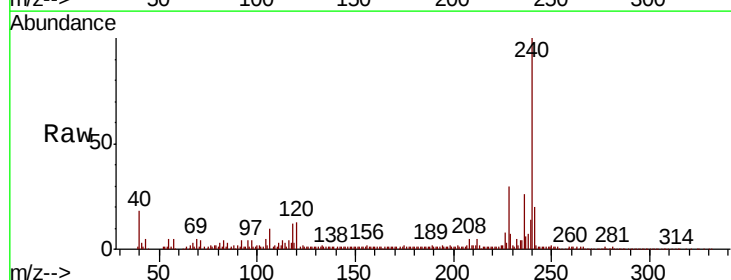
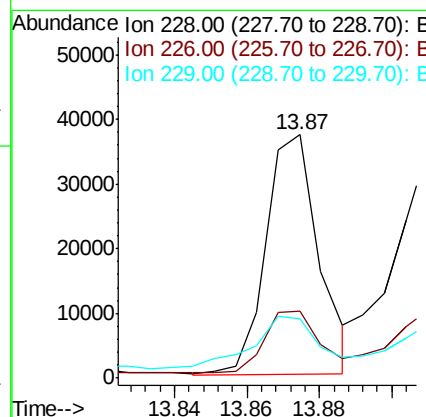
Manual Integrations
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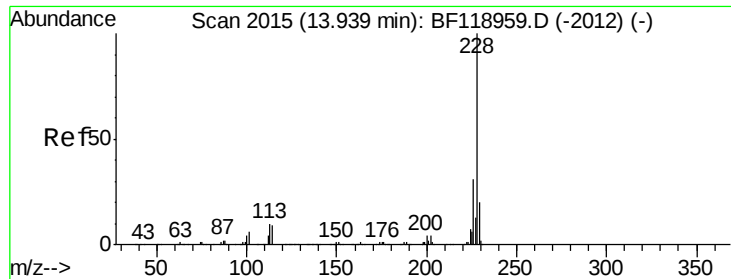
mohammad
 3/9/2020 3:09:35 PM



#81
 Benzo(a)anthracene
 Concen: 2.072 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF119270.D
 Acq: 7 Mar 2020 1:04

Tgt Ion:	228	Resp:	37723
Ion Ratio		Lower	Upper
228	100		
226	27.5	22.6	33.8
229	24.5	16.6	24.8





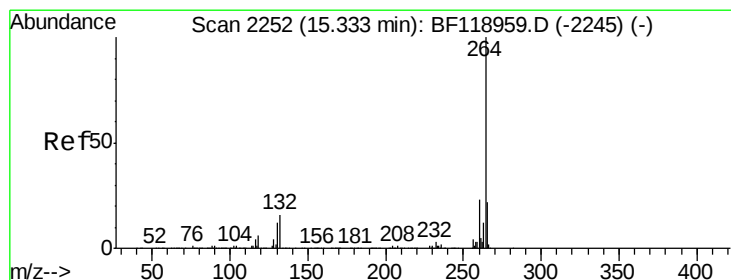
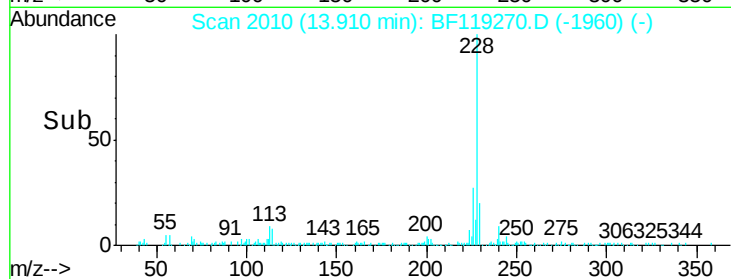
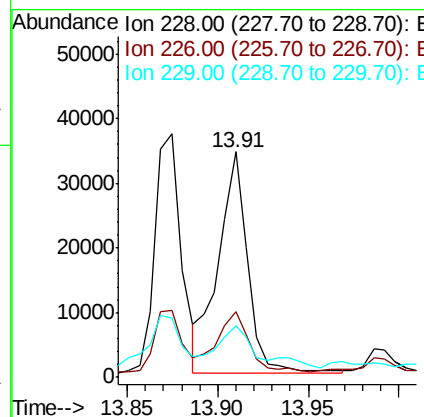
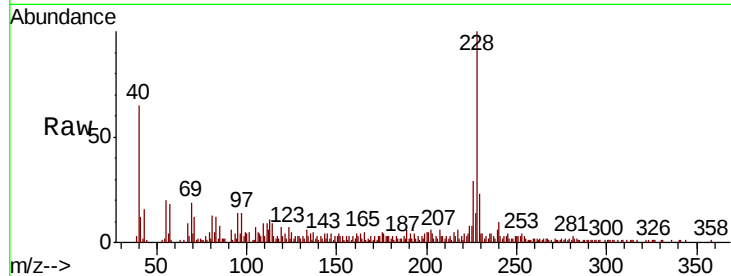
#83
Chrysene
Concen: 2.140 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TR-08-030520

Tot Ion:	228	Resp:	38817
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.1	37.7
229	23.1	16.3	24.5

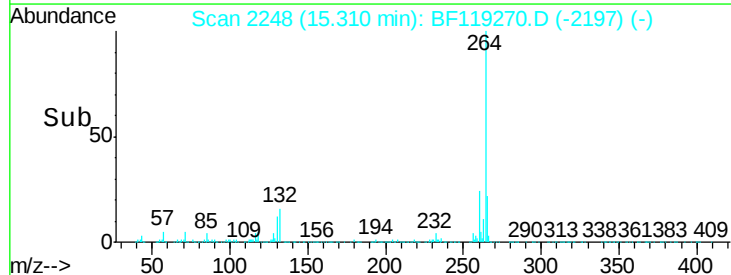
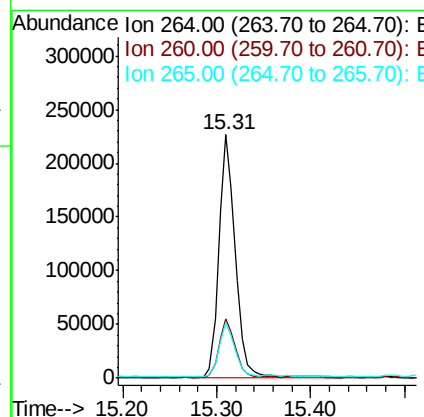
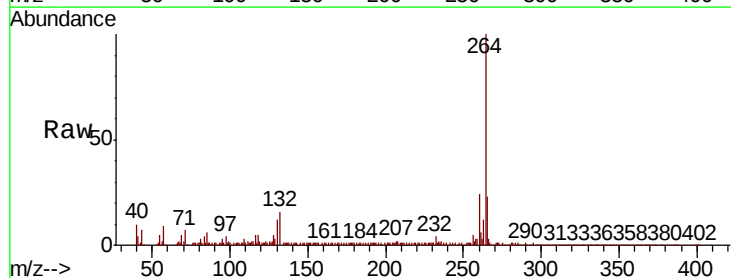
Manual Integrations
APPROVED

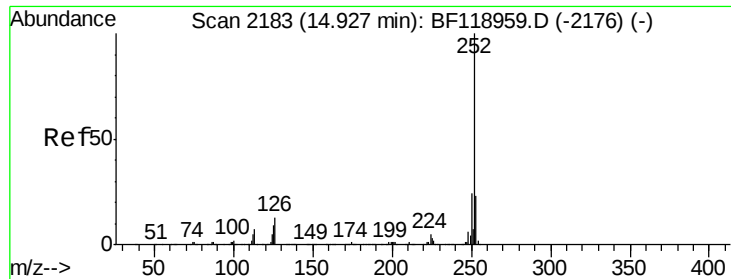
mohammad
3/9/2020 3:09:35 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119270.D
Acq: 7 Mar 2020 1:04

Tgt Ion:	264	Resp:	276103
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	22.5	17.7	26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.193 ng m
 RT: 14.91 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: BF119270.D
 Acq: 7 Mar 2020 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-030520

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	32.8	18.1	27.1#	
125	19.7	7.4	11.0#	

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:09:35 PM

