Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
Data File : BP003549.D
Acq On : 07 Oct 2020 09:33
Operator : CG/JU
Sample : L4247-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-18(0-1)

Quant Time: Oct 07 10:52:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	85169	20.00	ng	# 0.00
21) Naphthalene-d8	10.269	136	334001	20.00	ng	# 0.00
39) Acenaphthene-d10	14.151	164	206621	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	460246	20.00	ng	# 0.00
76) Chrysene-d12	21.016	240	543008	20.00	ng	-0.01
86) Perylene-d12	23.186	264	523943	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.105	112	686906	140.83	ng	0.00
7) Phenol-d6	6.699	99	820028	126.13	ng	0.00
23) Nitrobenzene-d5	8.646	82	680033	119.61	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	412955	131.04	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1388783	98.30	ng	-0.01
79) Terphenyl-d14	19.498	244	2268634	87.05	ng	0.00
Target Compounds						Qvalue

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

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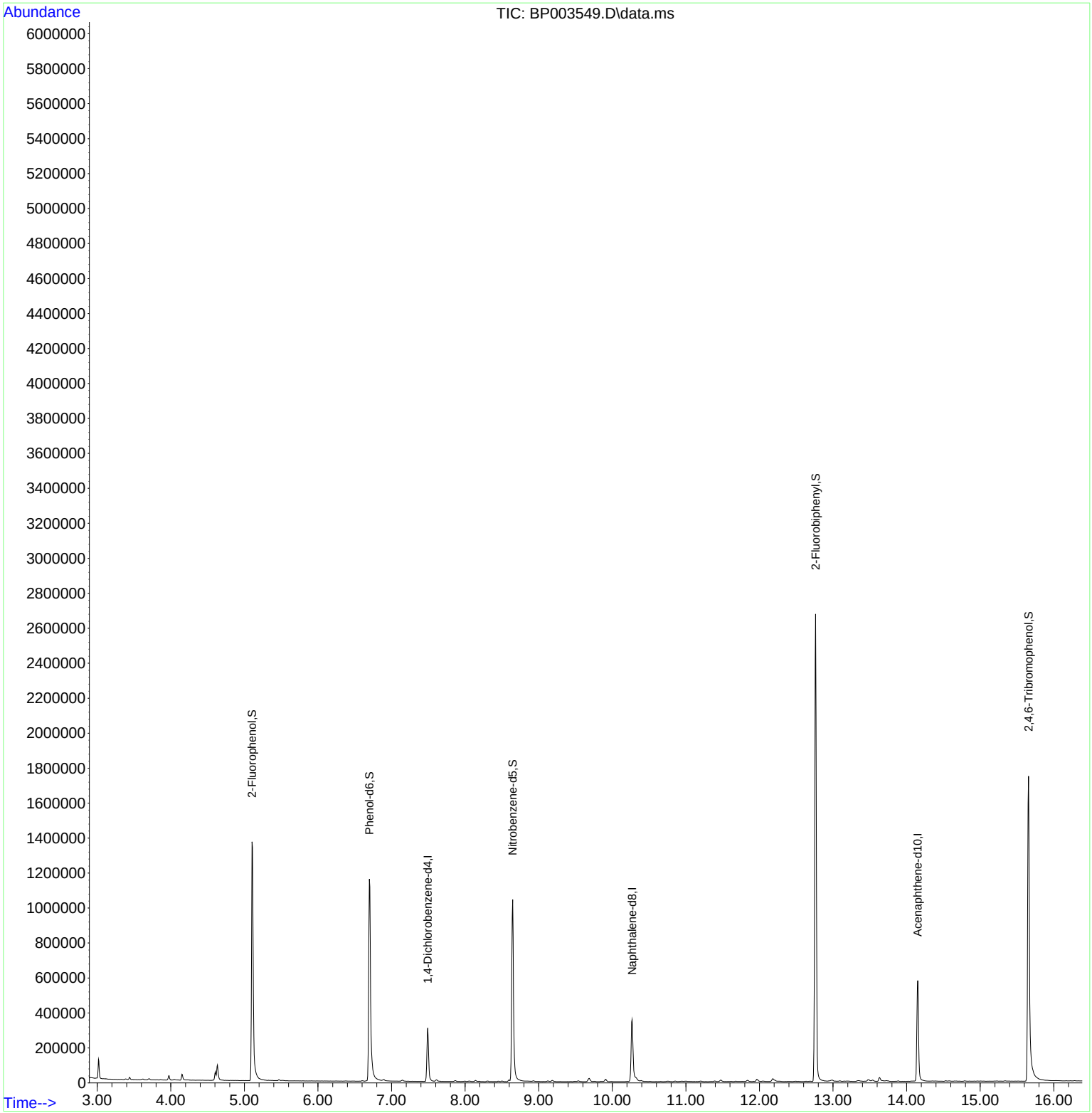

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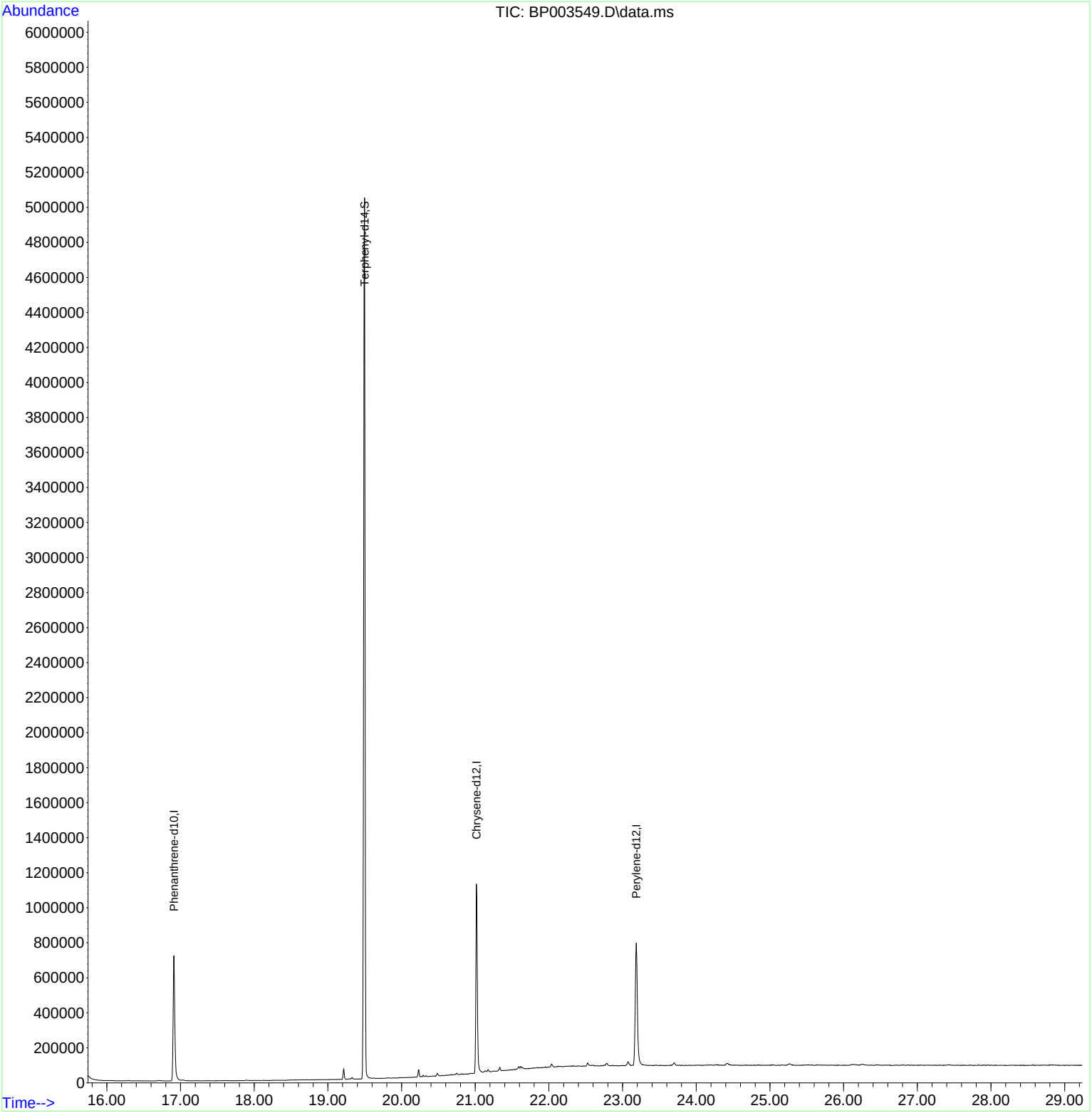
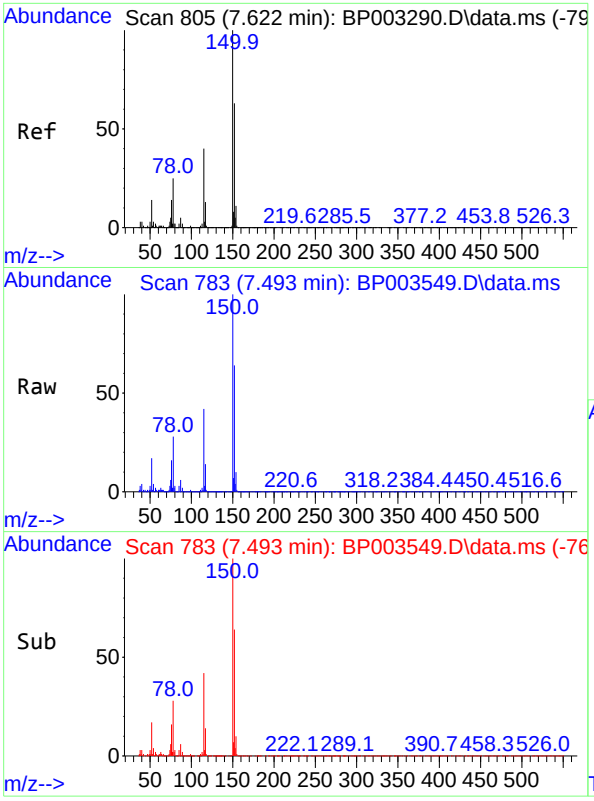


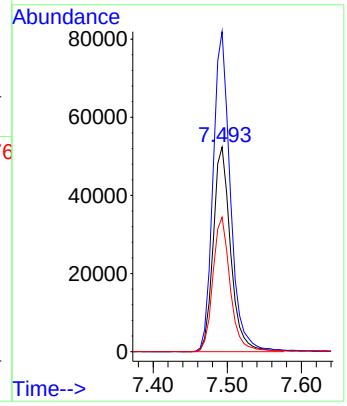
Instrument :
BNA_P
ClientSampleId :
B-18(0-1)

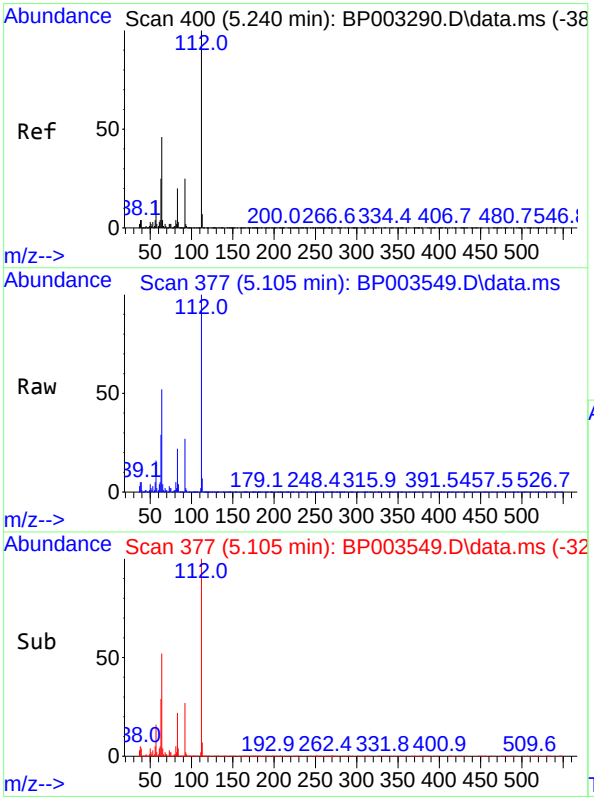


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:152 Resp: 85169

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.6
115	65.7	43.8	65.6#

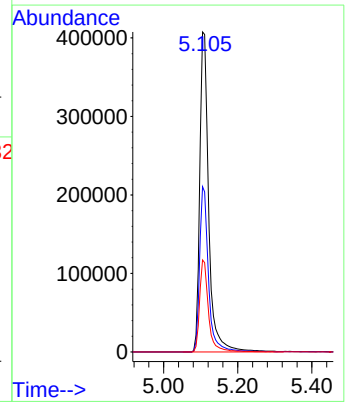




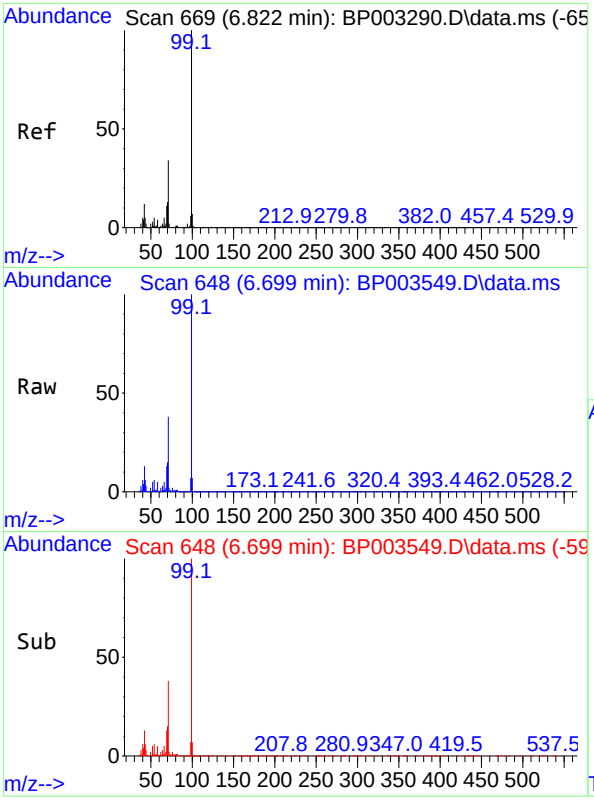
#5
2-Fluorophenol
Concen: 140.83 ng
RT: 5.105 min Scan# 377
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:112 Resp: 686906

Ion	Ratio	Lower	Upper
112	100		
64	51.7	32.8	49.2#
63	28.8	17.0	25.4#



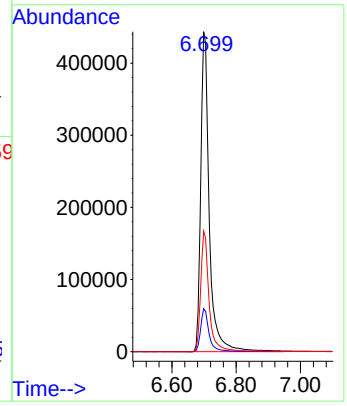
Instrument :
BNA_P
ClientSampleId :
B-18(0-1)

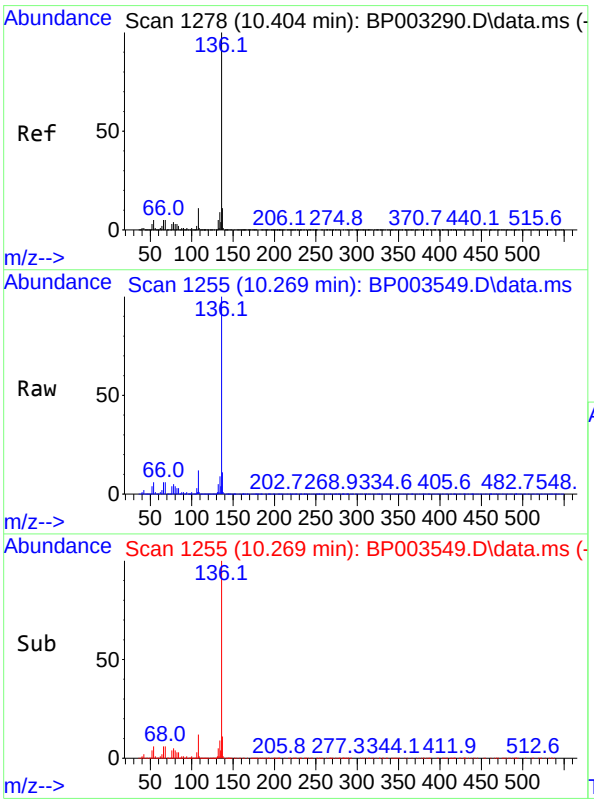


#7
Phenol-d6
Concen: 126.13 ng
RT: 6.699 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion: 99 Resp: 820028

Ion	Ratio	Lower	Upper
99	100		
42	13.5	8.6	13.0#
71	37.7	23.4	35.2#

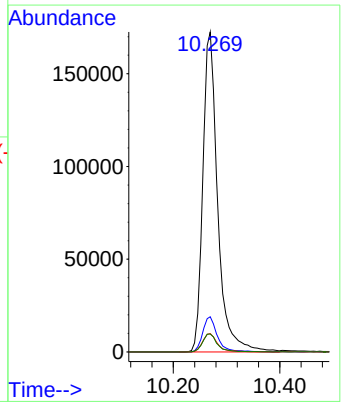




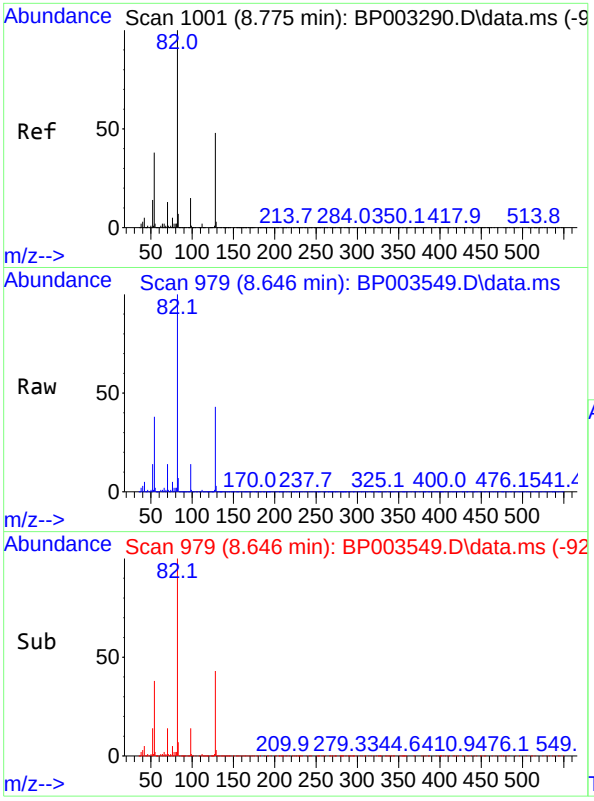
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.269 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:136 Resp: 334001

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.8	3.6	5.4#
68	5.6	3.3	4.9#



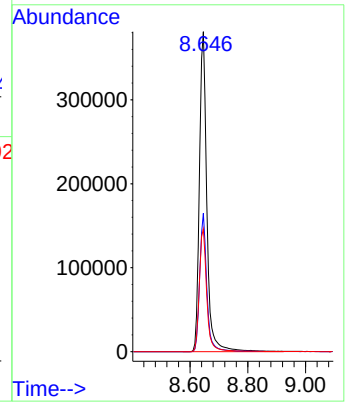
Instrument :
BNA_P
ClientSampleId :
B-18(0-1)

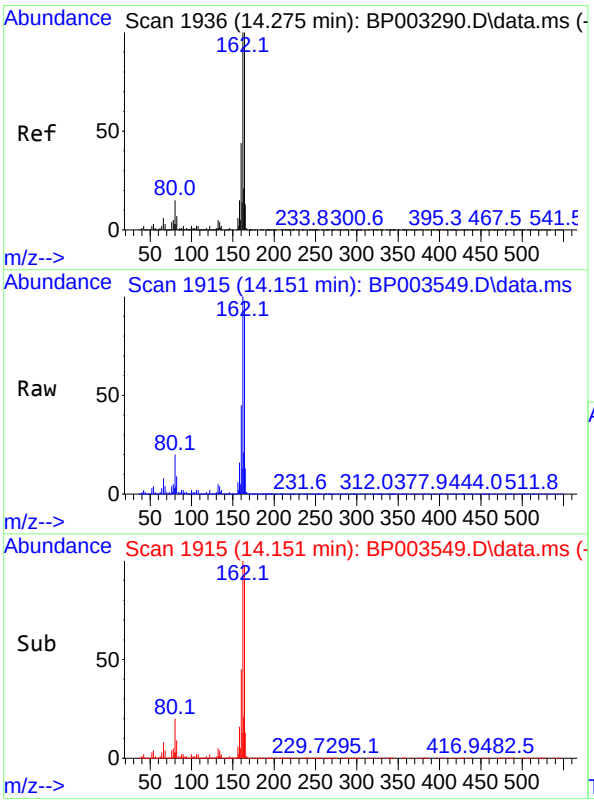


#23
Nitrobenzene-d5
Concen: 119.61 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion: 82 Resp: 680033

Ion	Ratio	Lower	Upper
82	100		
128	43.3	45.6	68.4#
54	38.4	30.1	45.1

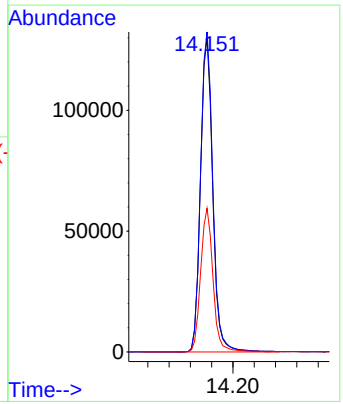




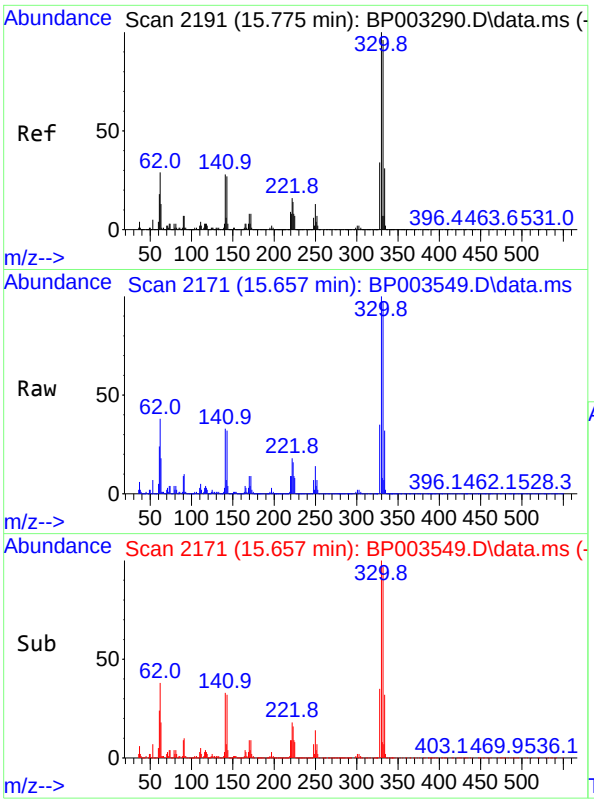
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.151 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:164 Resp: 206621

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.4	119.2
160	45.7	36.1	54.1



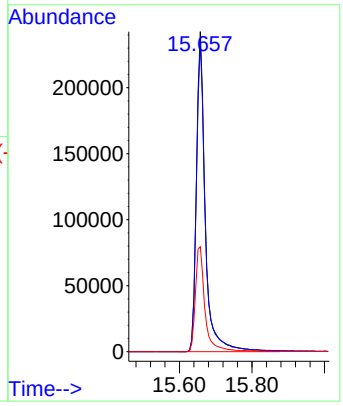
Instrument :
BNA_P
ClientSampleId :
B-18(0-1)

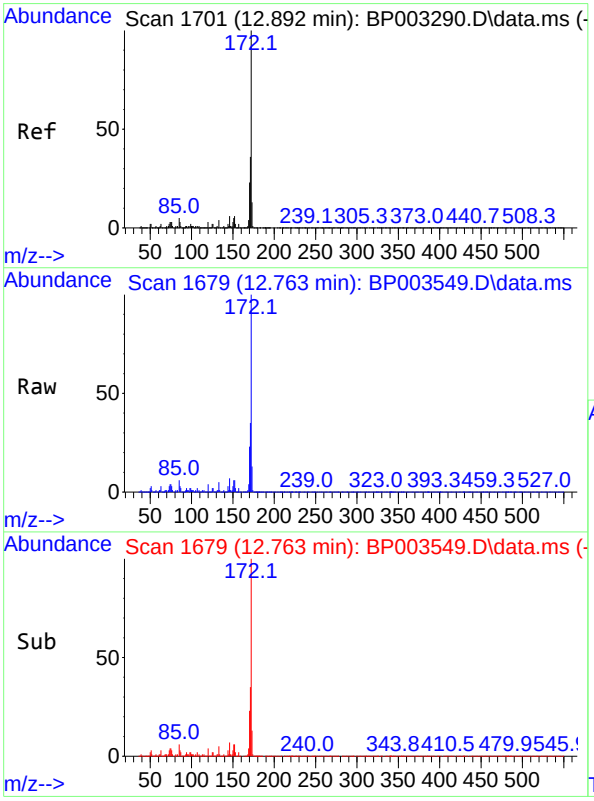


#42
2,4,6-Tribromophenol
Concen: 131.04 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:330 Resp: 412955

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	35.5	23.4	35.2#

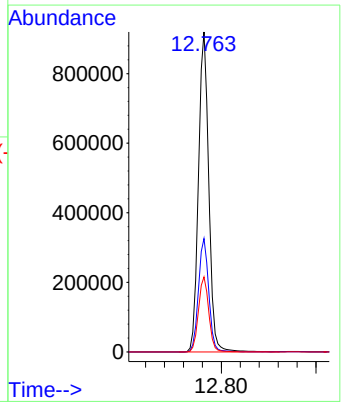




#45
2-Fluorobiphenyl
Concen: 98.30 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.011 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:172 Resp: 1388783

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
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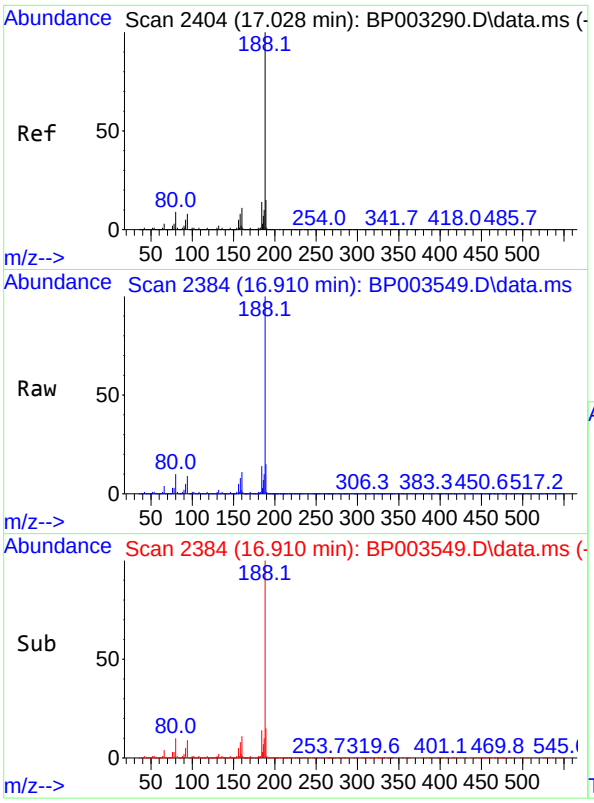
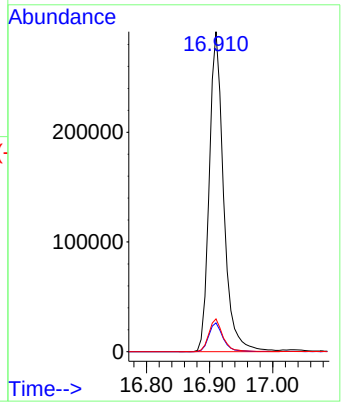
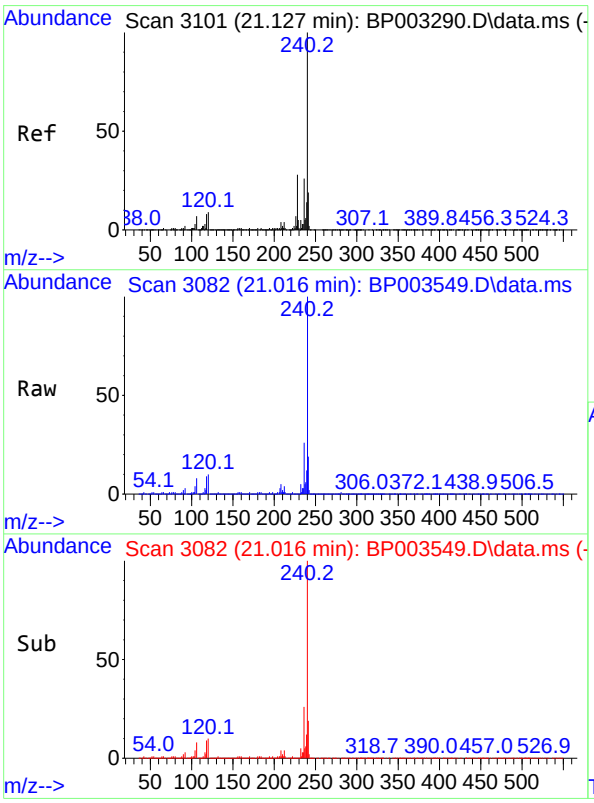


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:188 Resp: 460246

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.2	9.2
80	10.2	6.2	9.2#

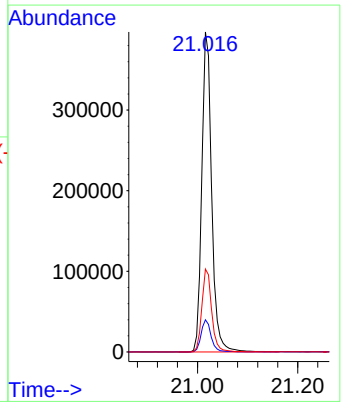




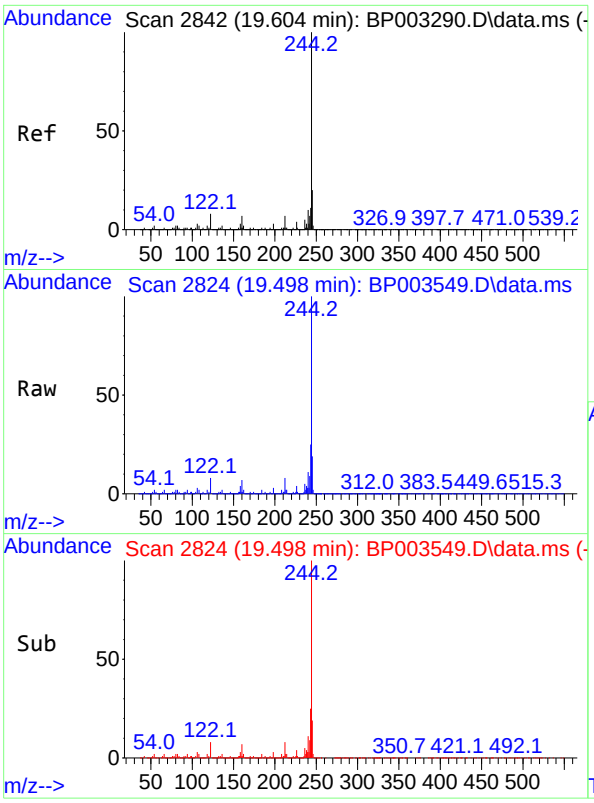
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.016 min Scan# 3082
Delta R.T. -0.011 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:240 Resp: 543008

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.8	11.6
236	25.9	20.8	31.2



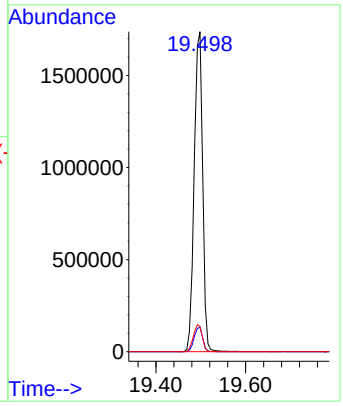
Instrument :
BNA_P
ClientSampleId :
B-18(0-1)

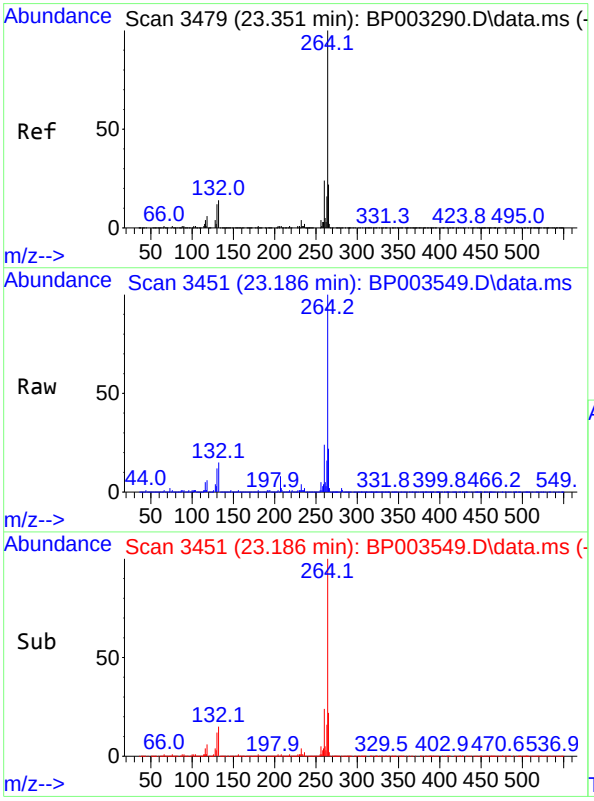


#79
Terphenyl-d14
Concen: 87.05 ng
RT: 19.498 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:244 Resp: 2268634

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	7.8	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.186 min Scan# 3451
Delta R.T. -0.011 min
Lab File: BP003549.D
Acq: 07 Oct 2020 09:33

Tgt Ion:264 Resp: 523943

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.9	17.4	26.2