Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047264.D
Acq On : 20 Aug 2024 09:51
Operator : RC/JU
Sample : PB162798BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162798BL

Quant Time: Aug 20 10:59:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	275628	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	1036930	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	708027	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1582815	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1612647	20.000	ng	0.00
86) Perylene-d12	23.727	264	1505102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1840679	119.328	ng	0.00
7) Phenol-d6	6.575	99	2356989	110.891	ng	-0.01
23) Nitrobenzene-d5	8.510	82	1554871	75.504	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	1095540	133.445	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	3664588	79.838	ng	-0.02
79) Terphenyl-d14	19.456	244	6641557	88.248	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	295	Below Cal	#	24

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

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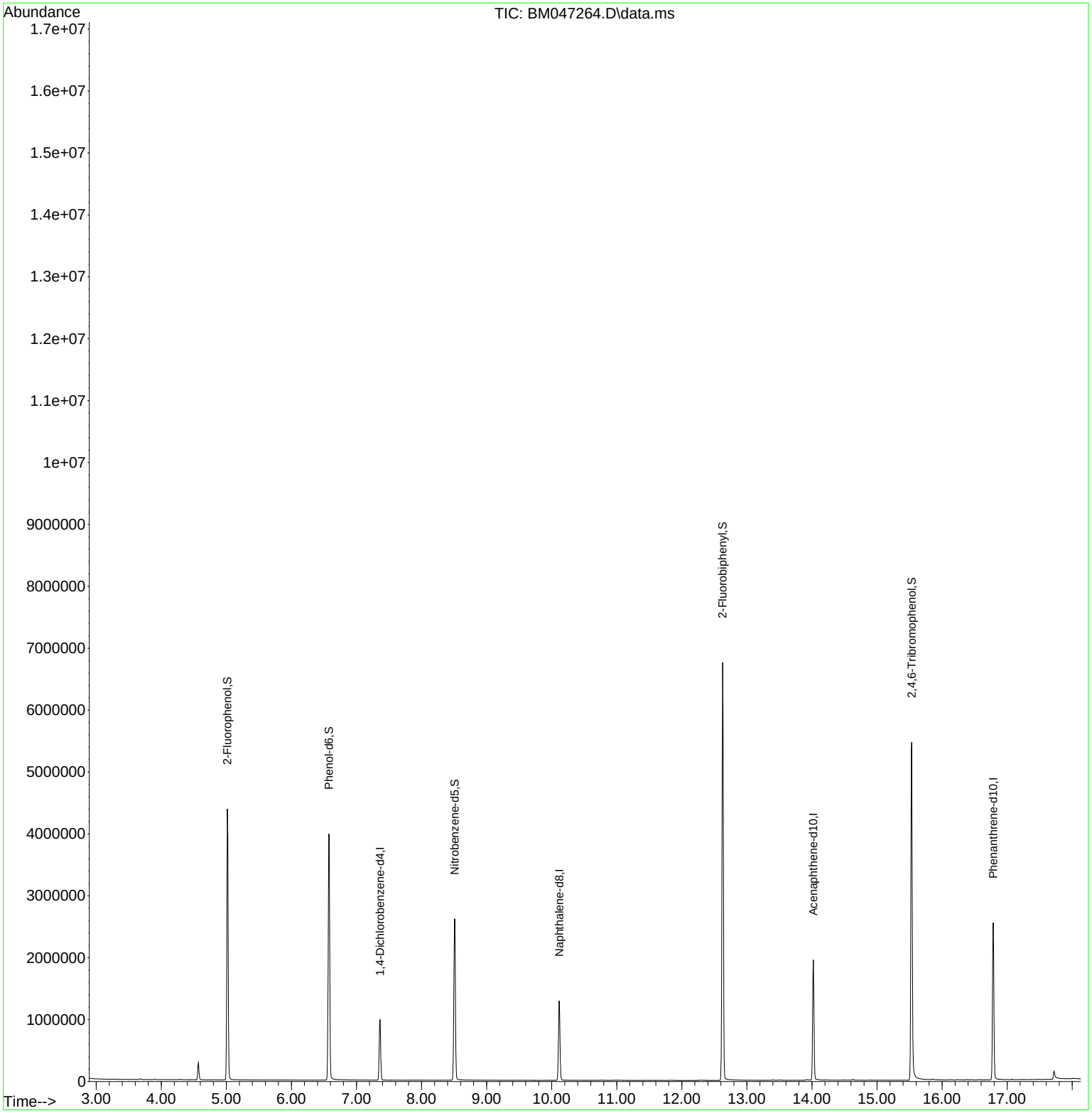

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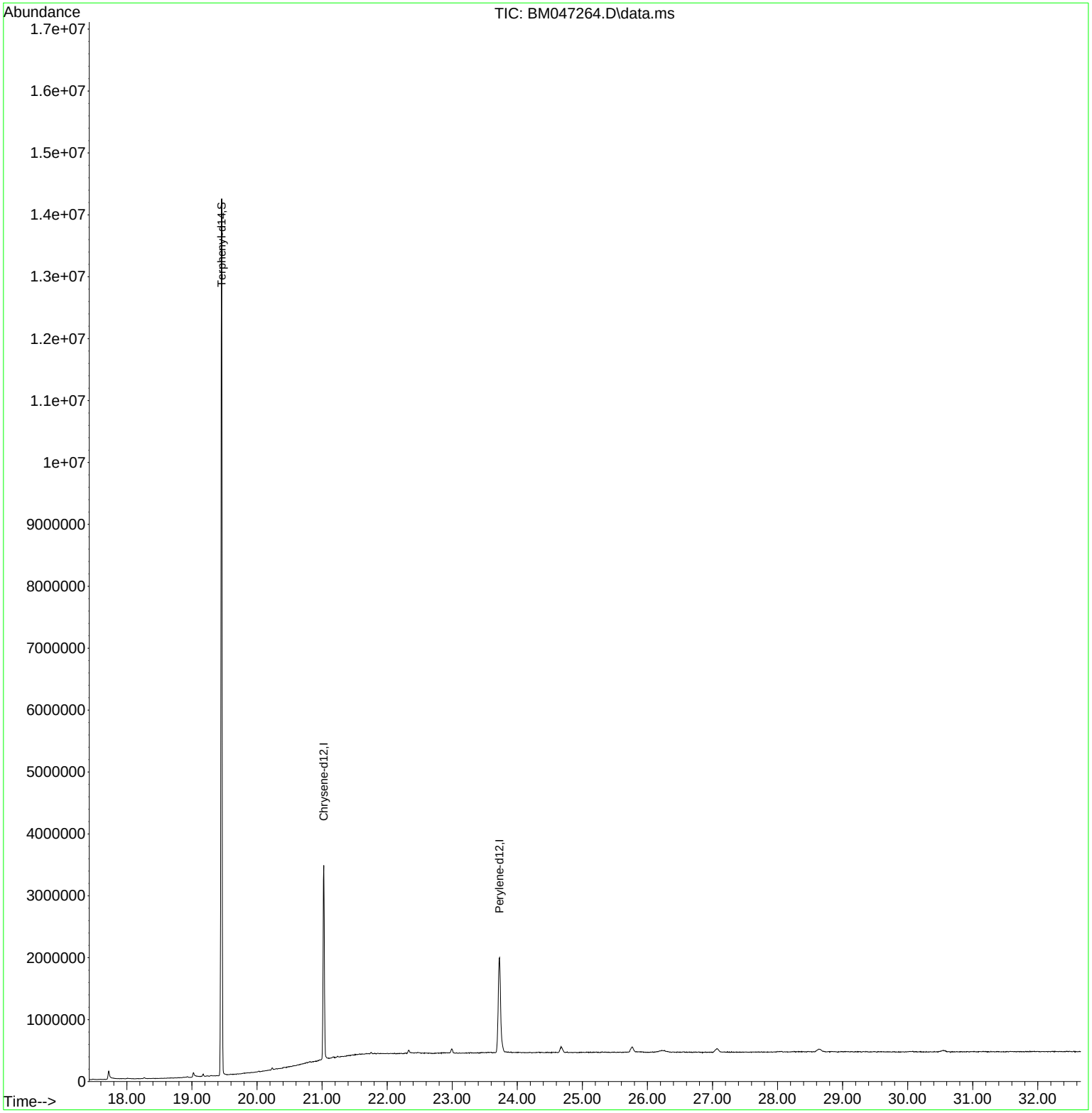
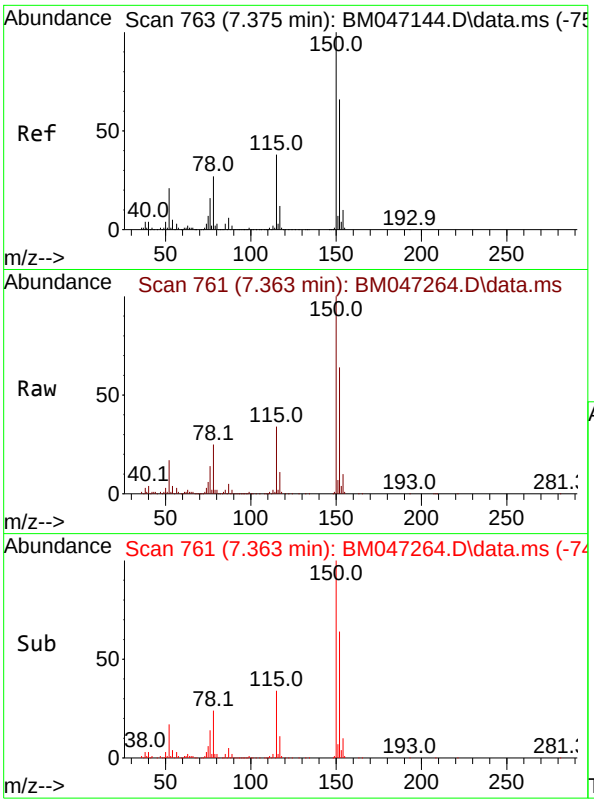


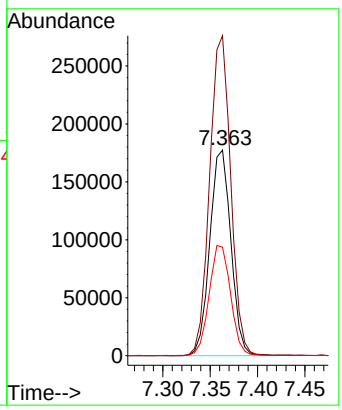


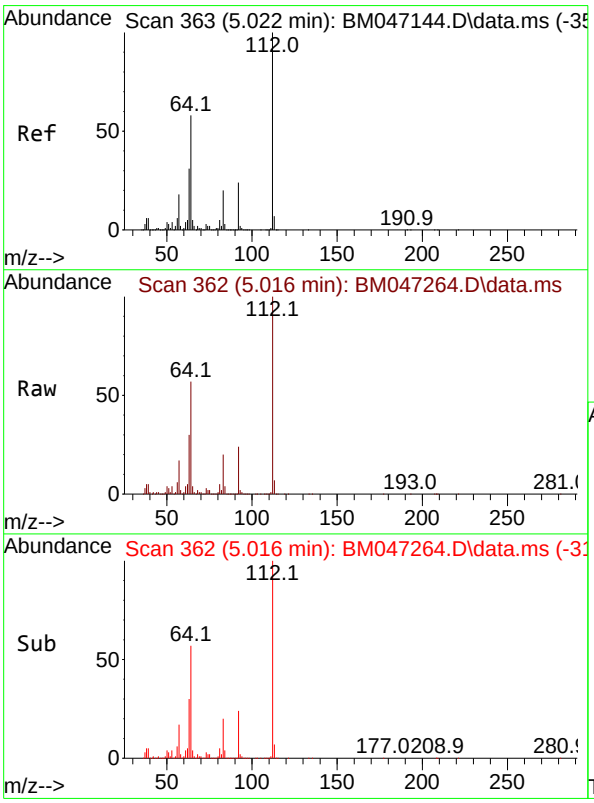
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 7(
Delta R.T. -0.012 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Instrument :
BNA_M
ClientSampleId :
PB162798BL

Tgt Ion:152 Resp: 275628

Ion	Ratio	Lower	Upper
152	100		
150	155.7	120.5	180.7
115	52.8	45.5	68.3

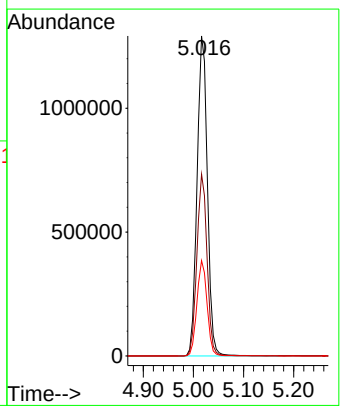


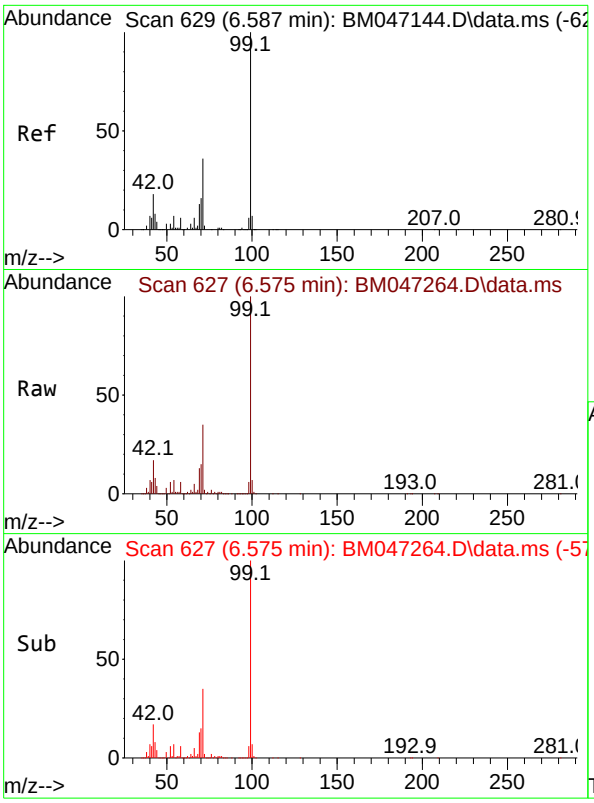


#5
2-Fluorophenol
Concen: 119.328 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Tgt Ion:112 Resp: 1840679

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.7	70.1
63	29.8	24.8	37.2



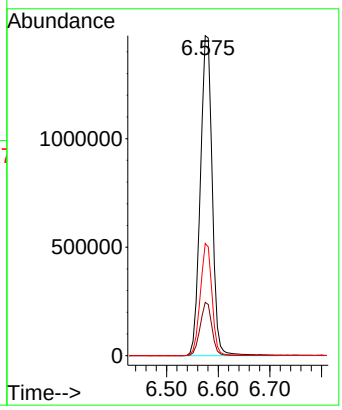


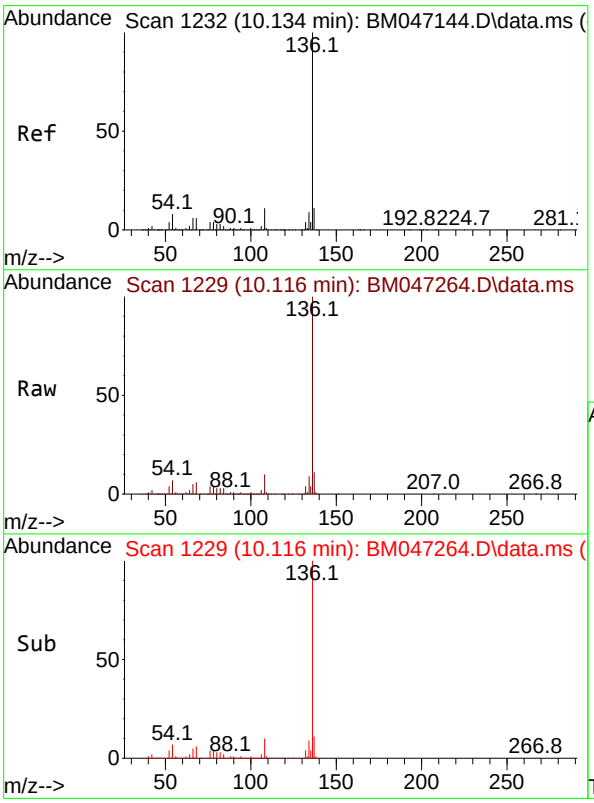
#7
Phenol-d6
Concen: 110.891 ng
RT: 6.575 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Instrument :
BNA_M
ClientSampleId :
PB162798BL

Tgt Ion: 99 Resp: 2356989

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	35.1	28.5	42.7

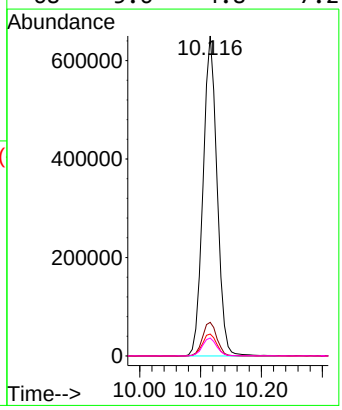


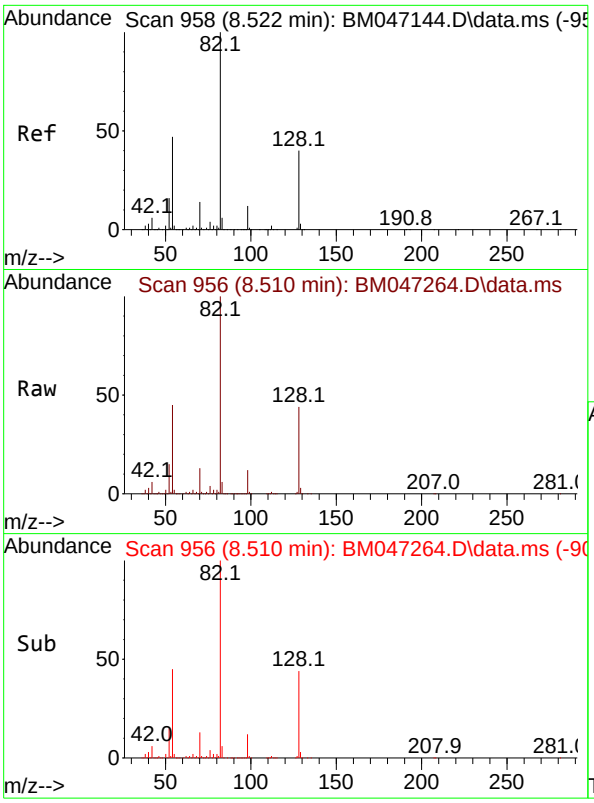


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Tgt Ion:136 Resp: 1036930

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.9	6.0	9.0
68	5.6	4.8	7.2



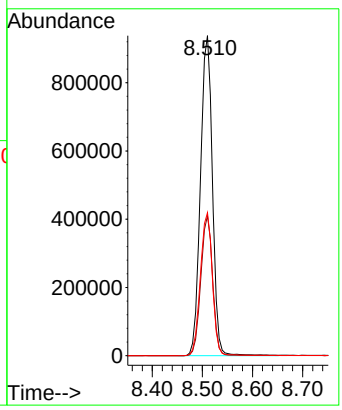


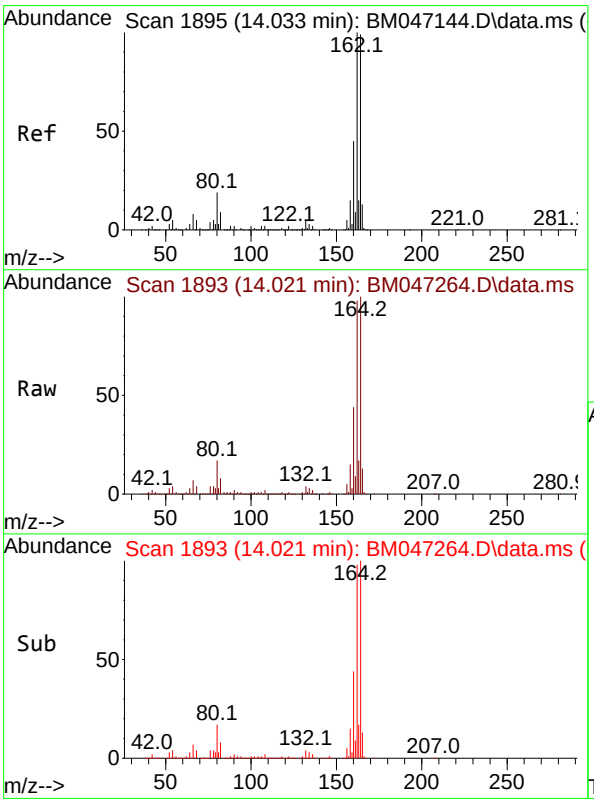
#23
Nitrobenzene-d5
Concen: 75.504 ng
RT: 8.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Instrument :
BNA_M
ClientSampleId :
PB162798BL

Tgt Ion: 82 Resp: 1554871

Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.3	48.5
54	44.7	37.4	56.2

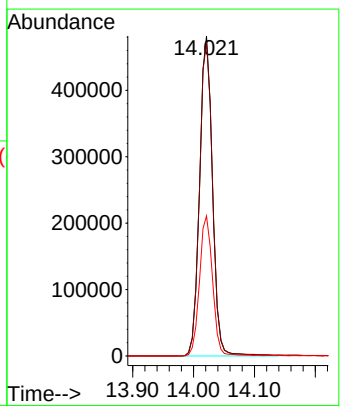


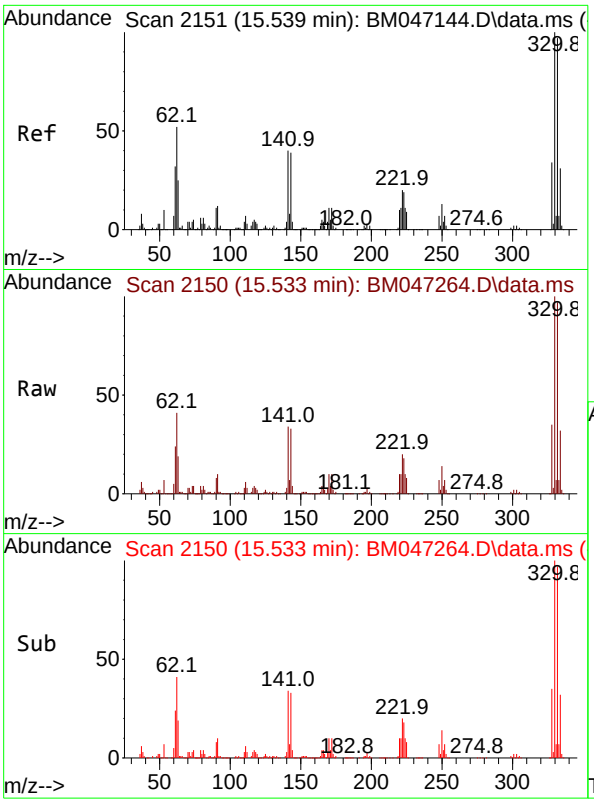


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Tgt Ion:164 Resp: 708027

Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.7	121.1
160	43.8	36.0	54.0



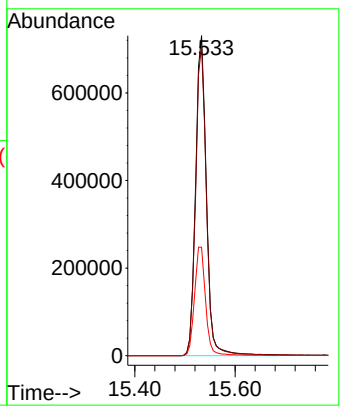


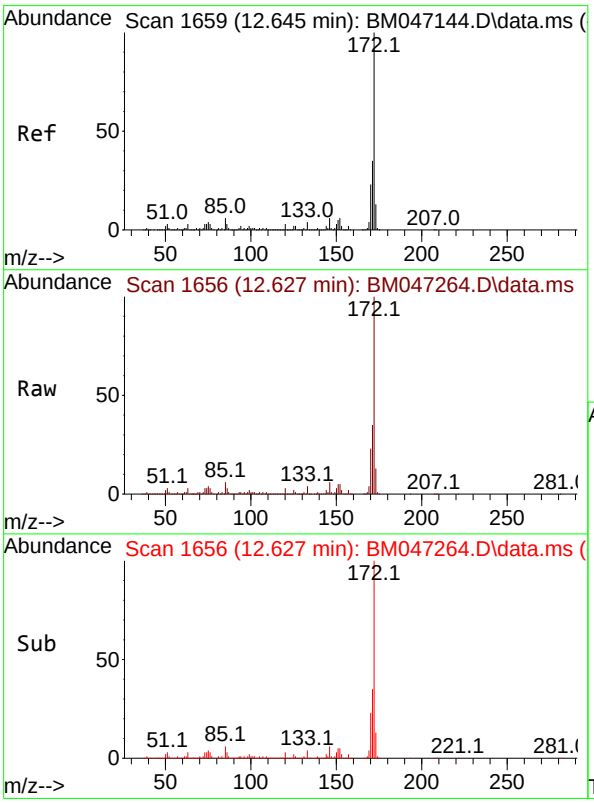
#42
2,4,6-Tribromophenol
Concen: 133.445 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Instrument :
BNA_M
ClientSampleId :
PB162798BL

Tgt Ion:330 Resp: 1095540

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	35.1	31.6	47.4

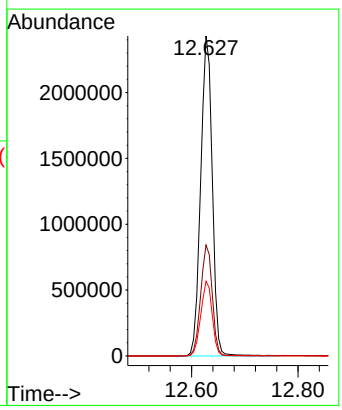


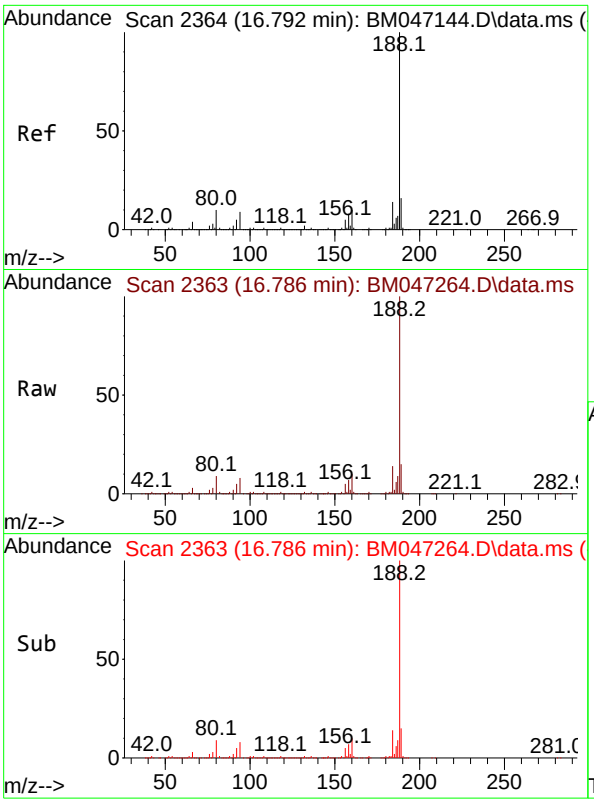


#45
2-Fluorobiphenyl
Concen: 79.838 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Tgt Ion:172 Resp: 3664588

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.3	18.7	28.1



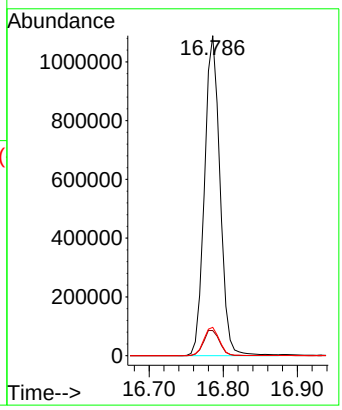


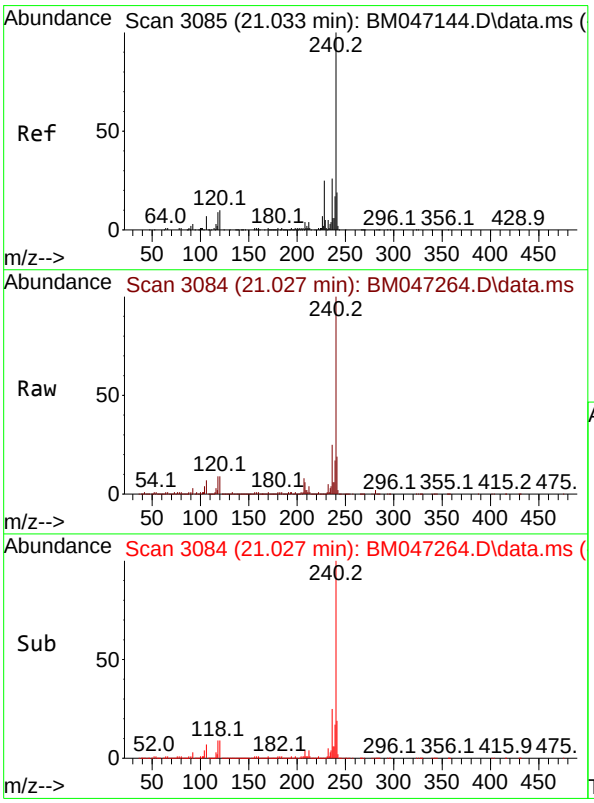
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Instrument :
BNA_M
ClientSampleId :
PB162798BL

Tgt Ion:188 Resp: 1582815

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.9	8.0	12.0

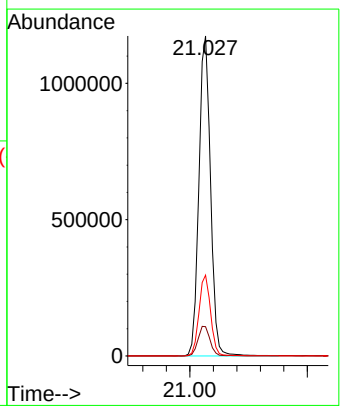


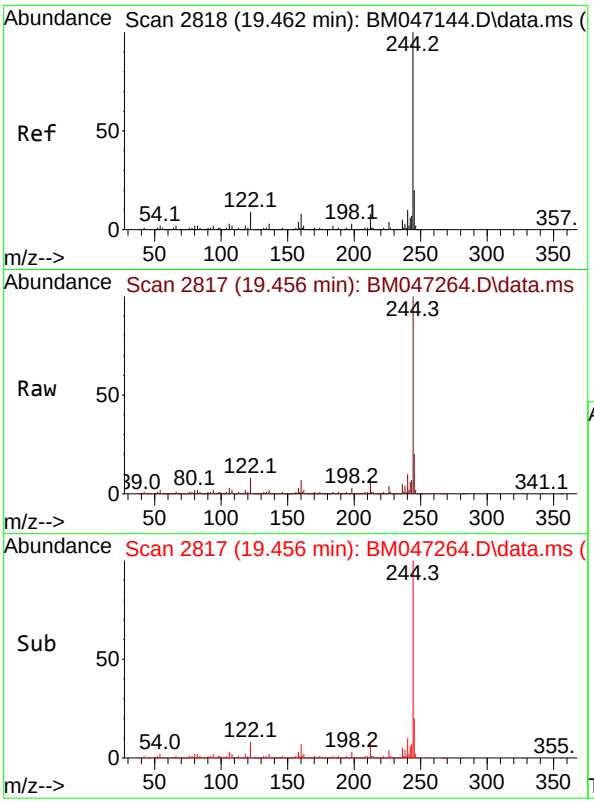


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Tgt Ion:240 Resp: 1612647

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	25.3	20.6	30.8



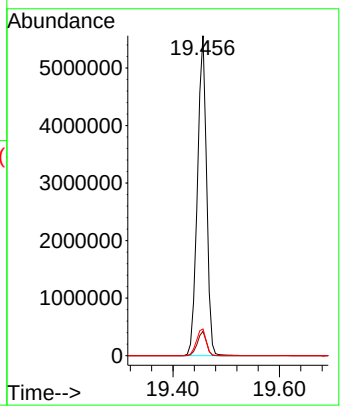


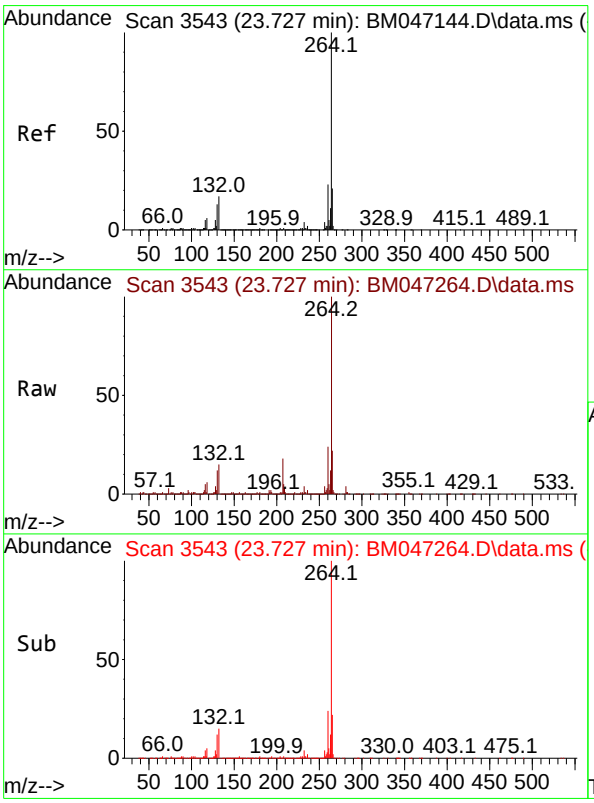
#79
Terphenyl-d14
Concen: 88.248 ng
RT: 19.456 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Instrument :
BNA_M
ClientSampleId :
PB162798BL

Tgt Ion:244 Resp: 6641557

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	8.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. -0.000 min
Lab File: BM047264.D
Acq: 20 Aug 2024 09:51

Tgt Ion:264 Resp: 1505102

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.1	17.3	25.9